

ATI Technologies Inc.

# Phase-Locked Loop for AGP 8X Interface

*Requirement Specification for 0.15$\mu$m Development*

***Karen Wan***

***IC Development Group***

*Revision 0.1*

*Last Updated on May 10, 2001*

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# Revision History

| Revision | Date | Author | Remark |
|---|---|---|---|
| 0.1 | May 10, 2001 | Karen Wan | Initial Revision |

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# Introduction

This document is designed to provide the hardware design teams with the technical specifications required by a fully integrated PLL-based clock synthesizer for AGP 8X interface to meet ATI's future product requirements. The use of standard 0.15um single-gate-oxide 1P7M digital CMOS process with 1.8Vtg power supply is a stated requirement for this class of products.

This specification is intended to provide circuit designers a well-defined and measurable design target that will meet the system-level clocking requirements. While the focus of this document is on functionality and electrical and timing parameters, verification procedures at different design stages are also covered in detail to ensure sufficient level of testability. Finally, the design guidelines for other development and qualification groups place the document in a system-level context.

This specification provides a baseline of development for the clocking requirements in future ATI products. It is not the only implementation that can be developed; however, this baseline functionality is required for most systems.

**Note**: The PLL specified in this document is dedicated for AGP 8X interface and may not be suitable for any other purposes.

## Key Features

- Input bus clock frequency ranges from 33 to 66MHz
- VCO frequency ranges from 528MHz to 1.056GHz
- Less than 50ps cycle-to-cycle, and 200ps peak-to-peak jitter with 100mVpp sinusoidal supply ripple
- Support spread spectrum bus clock from Intel CK97-compliant clock synthesizer/driver
- Fully integrated with built-in self-biasing circuitry
- Less than 8mA average current consumption under nominal conditions
- Designed using standard 1.8Vtg, 0.15um single-gate-oxide digital CMOS process

## AGP Interface

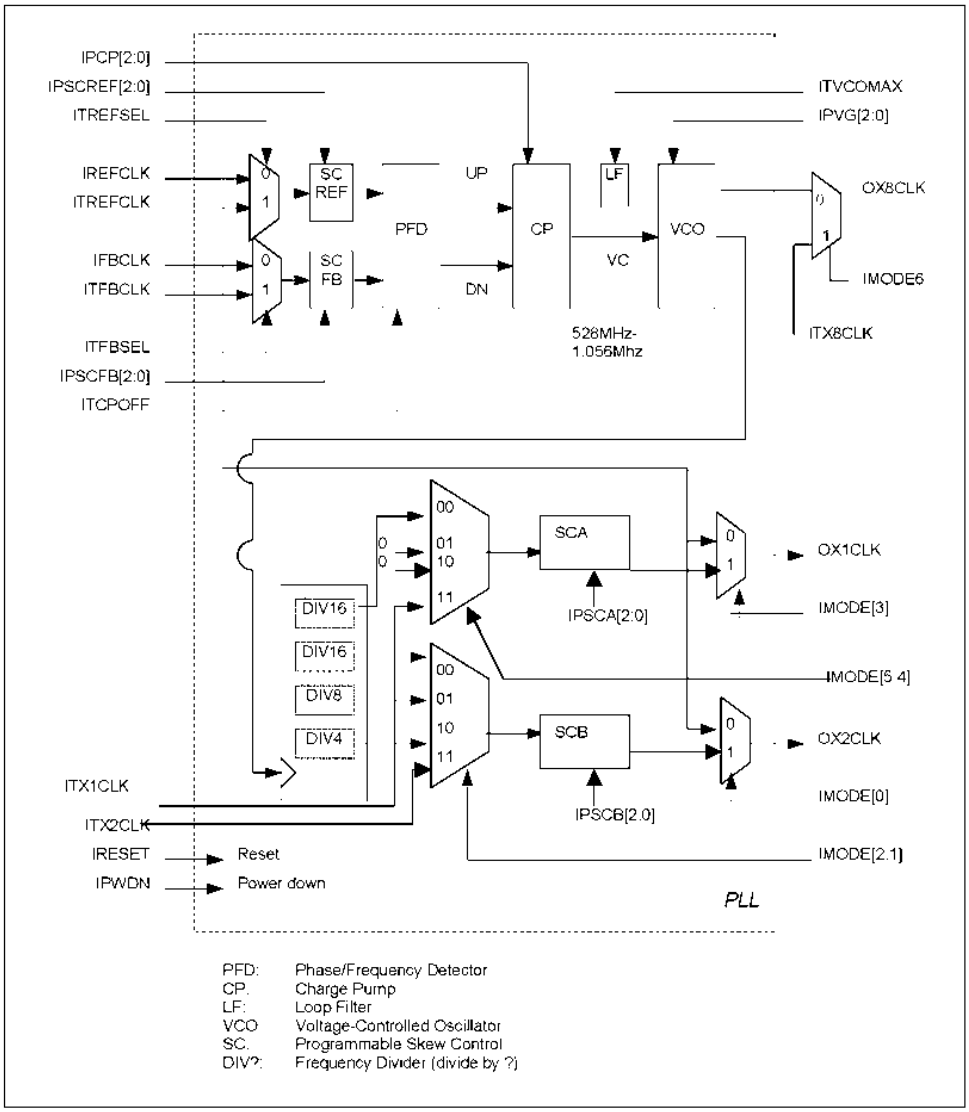
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# Functional Specification

This section details the functional requirement of a PLL optimized for AGP 8X interface.

## Port Definition and Building Blocks

The following diagram shows the basic building blocks of the macro:




• Figure 1: Functional Block Diagram

The macro has 39 input ports and 3 output ports. It also requires a pair of dedicated power and ground for the analog portion of the macro, along with the core VDD and VSS.

| Port Name | Description |
|---|---|
| IREFCLK | Reference Clock. This is the clock signal that the PLL tries to lock to. The front-end of the macro is rising edge sensitive and, therefore, its duty-cycle is ignored. |
| IFBCLK | Feedback Clock. This is the clock signal that the PLL used to compare with IREFCLK. Like IREFCLK, its duty-cycle is not important. |
| IRESET | Reset Signal (active high, level sensitive). A low level puts the PLL in normal operating mode. A high level resets the PLL. The macro will not operate properly before going through the reset sequence. During reset, OX1CLK and OX2CLK shall remain at logic low. |
| IPWDN | Power-down Enable (active high, level sensitive). A low level indicates normal operation. A high level puts the macro into power-down state. |
| IMODE[6:0] | Output Clock Source Select. Select the output clock sources for OX1CLK, OX2CLK and OX8CLK as different bus transfer modes have different clocking requirements. |
| IPCP[2:0] | Charge-pump Current Adjustment. |
| IPSCA[2:0]<br>IPSCB[2:0] | Output Clock Skew Adjustment. Adjust the propagation delay of SC A and B respectively, which in turn introduces phase offset between the different output clock sources. The delay can be used to compensate timing mismatch between BCLK CT (runs off OX1CLK) and BCLKX2 CT (runs off OX2CLK). |
| IPSCREF[2:0] | Reference Clock Skew Adjustment. Adjust the propagation delay of SC REF, a programmable skew control, which in turn introduces phase offset between the reference and the feedback inputs. The delay can be used to compensate timing mismatch between external bus clock and BCLK CT (runs off OX1CLK). |
| IPSCFB[2:0] | Feedback Clock Skew Adjustment. Adjust the propagation delay of SC FB, a programmable skew control, which in turn introduces phase offset between the reference and the feedback inputs. The delay can be used to compensate timing mismatch between external bus clock and BCLK CT (runs off OX1CLK). |
| IPVG[2:0] | VCO Gain Adjustment. |
| ITREFCLK | Test Reference Clock. A clock signal that can replace IREFCLK as the reference input to the PFD during various ASIC test modes. |
| ITREFSEL | Test Reference Clock Select. A low level selects IREFCLK as the reference input to the PFD. A high level selects ITREFCLK. |
| ITFBCLK | Test Feedback Clock. A clock signal that can replace IFBCLK as the feedback input to the PFD during various ASIC test modes. |
| ITFBSEL | Test Feedback Clock Select. A low level selects IFBCLK as the feedback input to the PFD. A high level selects ITFBCLK. |
| ITX2CLK | Test Clock for BCLKX2 CT. A clock signal that can be selected to become OX2CLK during various ASIC test modes. |
| ITX8CLK | Test Clock for AGP8X clock. A clock signal that can be selected to become OX8CLK during various ASIC test modes. |
| ITCPOFF | Charge-pump Output Hi-Z Test Mode Enable (active high, level sensitive). A low level indicates normal operation. A high level forces the charge-pump output to become high impedance, letting the VCO free running. |
| ITVCOMAX | Maximum VCO Frequency Test Mode Enable (active high, level sensitive). A low level indicates normal operation. A high level at both this signal and ITCPOFF simultaneously shall force the VCO to run at maximum possible frequency (a.k.a. runaway). |
| OX1CLK | Output Clock for BCLK CT. A clock signal for driving BCLK CT. The macro provides multiple output clock sources and can be selected through IMODE[2:0] depending on the bus transfer mode. |
| OX2CLK | Output Clock for BCLKX2 CT. A clock signal for driving BCLKX2 CT. The macro provides multiple output clock sources and can be selected through IMODE[5:3] depending on the bus transfer mode. |
| OX8CLK | Output Clock for AGP8X clock which is output to I/O pad. The output can be the AGP8X clock or the ITX8CLK depending on the IMODE[6]. |
| VDDCK | Analog Power. It should be a well-regulated power for the analog portion of the macro. |

| Port Name | Description |
|---|---|
| VSSCK | Analog Ground. It should be a well-regulated, low-impedance ground return path for the analog portion of the macro. |

• Table 1: Port Definition

•

## Function Table

The following table summarizes the required settings to place the macro in the 5 different operating modes. While X's in the table mark don't-care situations, they do not mean the signals can toggle or be held at any other voltage levels except logic high and logic low.

| Port Name | Normal | Power-Down | Hi-Z CP Test | Max. VCO Test |
|---|---|---|---|---|
| IREFCLK | clock | X | X | X |
| IFBCLK | clock | X | X | X |
| IRESET | 0 | X | 0 | 0 |
| IPWDN | 0 | 1 | 0 | 0 |
| IMODE[6:0] | MODE | X | MODE | MODE |
| IPCP[2:0] | PCP | X | PCP | PCP |
| IPSCA[2:0] | PSCA | X | PSCA | PSCA |
| IPSCB[2:0] | PSCB | X | PSCB | PSCB |
| IPSCC[2:0] | PSCC | X | PSCC | PSCC |
| IPSCD[2:0] | PSCD | X | PSCD | PSCD |
| IPSCREF[2:0] | PSCREF | X | PSCREF | PSCREF |
| IPSCFB[2:0] | PSCFB | X | PSCFB | PSCFB |
| IPVG[2:0] | PVG | X | PVG | PVG |
| ITREFCLK | X | X | 0 | 0 |
| ITREFSEL | 0 | X | 0 | 0 |
| ITFBCLK | X | X | 0 | 0 |
| ITFBSEL | 0 | X | 0 | 0 |
| ITX1CLK | X | X | 0 | 0 |
| ITX2CLK | X | X | 0 | 0 |
| ITCPOFF | 0 | 0 | 1 | 1 |
| ITVCOMAX | 0 | 0 | 0 | 1 |
| OX1CLK | clock | 0 | clock | clock |
| OX2CLK | clock | 0 | clock | clock |
| OX8CLK | clock | 0 | clock | clock |

• Table 2: Function Table

## Normal Operation

During normal operation, the macro should behave like a clock generator and phase aligning circuit. The timing characteristics of its output clocks at OX1CLK and OX2CLK should fall within the requirements specified by this document.

## Power-down Mode

The macro shall be placed in a zero-power suspend state when IPWDN is held at logic high while switching activities at all other input ports are stopped. Once in Power-down Mode, the macro should consume neither dynamic nor standing power except the inevitable tiny leakage current that are common to all CMOS design. The output ports OX1CLK and OX2CLK shall be stopped and forced to remain at logic low immediately.

To bring the macro back to normal operation, the IPWDN signal shall first be de-asserted, followed by resetting the macro properly as prescribed below.

If glitches on the output clocks are not acceptable, one may elect to assert IRESET before IPWDN during the power-down sequence. To turn on the macro and have it reset, reverse the order by de-asserting IPWDN before IRESET. By “bracketing” IPWDN signal with IRESET signal the macro should produce no glitch at its output ports.

## Test Mode: Charge-pump Output High Impedance

In this test mode, the charge-pump of the macro will be shut off, letting the VCO free running. The purpose of this test mode is to provide a mean to quantify the loop filter leakage, which is one of the most critical process parameters affecting the performance of the macro.

To put the macro in this test mode, the ITCPOFF signal should be held at logic high. The charge-pump should then be shut off, leaving the loop filter, which is the input control to the VCO, at high impedance. The amount, as well as the direction, of the leakage current can then be monitored indirectly through the VCO output frequency. The macro shall stay in this test mode indefinitely until the signal ITCPOFF is de-asserted. Proper reset sequence should then be followed to put the macro back to normal operation.

## Test Mode: Maximum VCO Frequency

The maximum oscillation frequency of the VCO shall be able to be characterized. The test is good for characterizing the macro and correlating the real silicon with SPICE simulations. It can also be an overall performance indicator of a process.

To put the macro in this test mode, both ITCPOFF and ITVCOMAX will be held at logic high. The charge-pump should then be shut off, allowing the VCO to be forced to run at its maximum frequency within a specified period. The macro shall stay in this test mode indefinitely until the signals ITCPOFF and ITVCOMAX are de-asserted. Proper reset sequence should then be followed to put the macro back to normal operation.

## Reset Procedure

Resetting the PLL shall put its logic portion into a known state, and force the VCO to run at its slowest possible speed by discharging the loop filter completely. The output clocks are also gated to remain at logic low throughout the reset period. The reset signal is level sensitive, and has to be asserted for at least the minimal amount of time specified.

Once the reset signal is de-asserted, the VCO frequency will start ramping up slowly until the PLL acquired lock. The actual time required for the PLL to lock varies with different operating conditions and target frequency, but it shall never exceed the maximum lock time specified. Note that the output clock frequency may overshoot up to a maximum allowable amount before reaching steady state at the target frequency.

The PLL should be reset if one or more of the following applies:

- Upon power up;
- Has been waken up from Power-down Mode or any one of the test modes; or
- Reference and/or feedback frequencies have been changed for whatever reason.

For any change in the value of the adjustment inputs that would stimulate the feedback system, reset is not necessary but time has to be given for the PLL to re-lock. Input ports including IPCP, IPVG, IPSCREF, IPSCFB, and IPSCA all fall under this category.

# Electrical Specification

This section defines the DC operating requirements, electrical and timing requirements, as well as physical requirements of the macro.

## DC Operating Requirements

In order to ensure the macro has enough design margin to function properly over a wide range of operating conditions, it should be designed to meet the electrical and timing requirements under all specified corner conditions:

| Symbol | Parameter | Corner 1: Noml. | Corner 2: Fast | Corner 3: Slow | Corner 4: FNSP | Corner 5: SNFP | Corner 6: Noml. HT |
|---|---|---|---|---|---|---|---|
| | Process | noml | fast | slow | fnsp | snfp | noml |
| TEMPJ | Junction Temp. | 25°C | 0°C | 125°C | 25°C | 25°C | 125°C |
| VDD | Supply Voltage | 1.80V | 1.98V | 1.62V | 1.80V | 1.80V | 1.80V |

• Table 3: DC Operating Requirements

The only exception to meeting the above operating requirements is when “binning” of devices (sorting devices by performance) is achievable and acceptable. In that case, the “design-to-corners” approach would likely be replaced by Monte Carlo analysis to give a more accurate prediction on yield. Nevertheless, the new operating requirements, which are usually expressed in statistical terms such as mean or variation, should still be clearly stated in the design specification.

## Electrical and Timing Requirements

The Electrical Requirements table provides the limits for each critical design parameter, over all DC operating conditions detailed in the previous section unless otherwise specified. The “Min”, “Typ” and “Max” columns of the table are the limits of parameters only and are not related in any way to the operating condition.

| Symbol | Parameter | Min | Typ | Max | Unit | Notes |
|---|---|---|---|---|---|---|
| TIP | IREFCLK Period | 15 | | 30 | ns | 1 |
| FIP | IREFCLK Frequency | 33 | | 66 | MHz | 2 |
| TIH | IREFCLK High Time | 2.0 | | | ns | |
| TIL | IREFCLK Low Time | 2.0 | | | ns | |
| TOP | VCO Output Period | 0.947 | | 1.89 | ns | 1 |
| FOP | VCO Output Frequency | 528 | | 1059 | MHz | 3 |
| TODC | OX1CLK/OX2CLK Duty Cycle | 49 | 50 | 51 | % | 1, 4 |
| FOOS | VCO Output Frequency Overshoot | | | 2.5 | % | 5 |
| TJCC | Cycle-to-Cycle Jitter | | | 50 | ps | 1, 6 |
| TJPP | Peak-to-Peak Jitter | | | 200 | ps | 1, 6 |
| TJLT | Long Term Jitter (1us after scope trigger) | | | 1.0 | ns | 1, 6 |
| CMAX | Maximum Load | | | 500 | fF | 7 |
| TSCD | Skew Control Propagation Delay | | 2.8 | | ns | 1, 8 |

| Symbol | Parameter | Min | Typ | Max | Unit | Notes |
|---|---|---|---|---|---|---|
| TERR | Static Phase Error | -100 | | +100 | ps | 1, 9, 10 |
| TOSK | OX2CLK to OX1CLK Skew | -100 | | +100 | ps | 1, 9. 11 |
| TRST | Reset Time | 10 | | | us | 1, 12 |
| TLOCK | PLL Lock Time | | | 50 | us | 1, 13 |
| TTVM | Acquisition Time for Maximum VCO Frequency | | | 10 | us | 1, 14 |
| IDDCK | Average Supply Current at VDDCK | | 8.0 | | mA | 15 |
| IPDCK | Power Down Current at VDDCK | | 1.0 | | uA | 16 |

Notes:

1 Time intervals measured at 50% VDDCK threshold point.

2 FIP is the reciprocal of TIP.

3 FOP is the reciprocal of TOP.

4 TODC limits should be met over the entire range of FOP.

5 FOOS is valid during lock acquisition only, and is expressed as a fraction of the target steady state VCO output frequency.

6 All jitter measurements are performed at OX1CLK. A ±50mV sinusoidal ripple is superimposed on VDDCK, with ripple frequency ranging from minimum FIP to maximum FOP.

7 CMAX is the maximum capacitive load seen by any output ports that shall give an output transition time (10-90% VDDCK) of less than 800ps.

8 TSCD is the propagation delay of SC when maximum delay setting is used.

9 Measured at proper SC delay setting, i.e. identical setting at corresponding timing arcs.

10 TERR only applies after phase-locked.

11 Measured at Load = CMAX.

12 Minimum time to keep IRESET remain asserted.

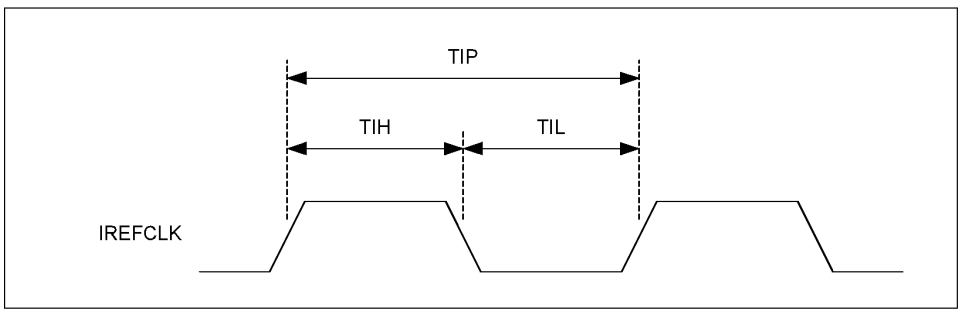
13 Measured from IRESET is de-asserted.

14 Measured from ITCPOFF and ITVCOMAX are asserted.

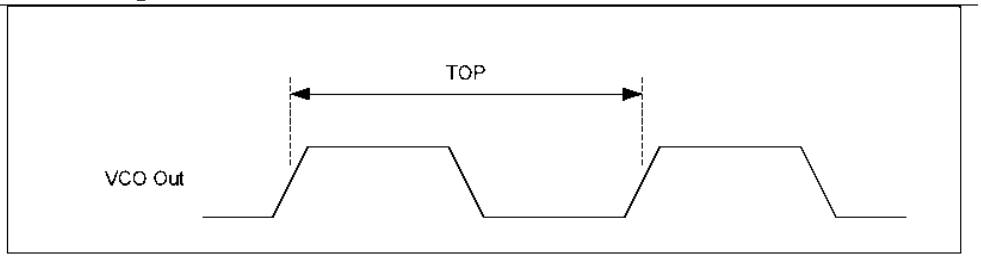
15 Measured under Corner 1 conditions, at minimum FIP and maximum FOP. Current measurement averaged over 500ns period.

16 Measured under Corner 1 conditions, based on typical leakage values.

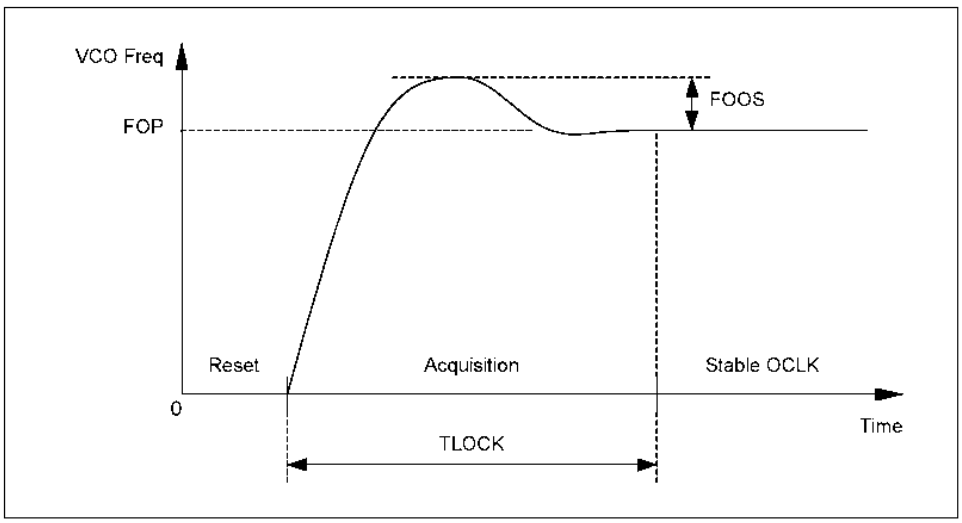
• Table 4: Electrical and Timing Requirements



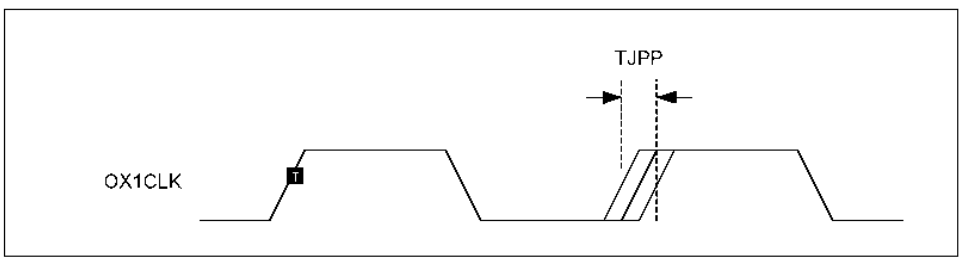

• Figure 2: IREFCLK Period, High Time and Low Time



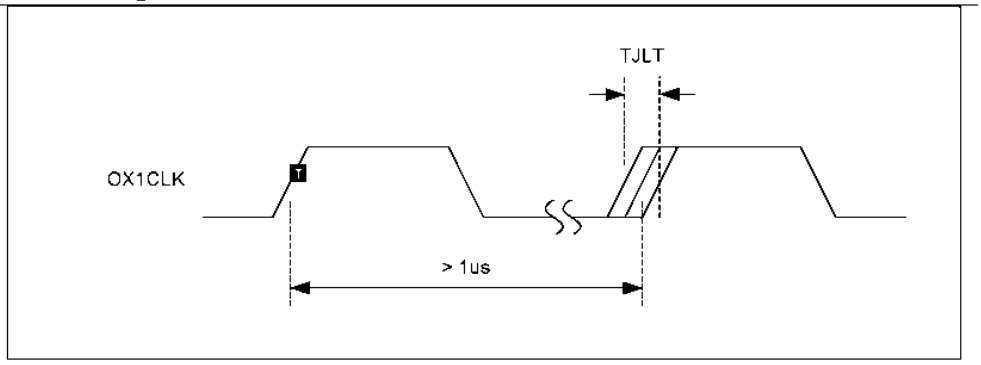

• Figure 3: VCO Output Period



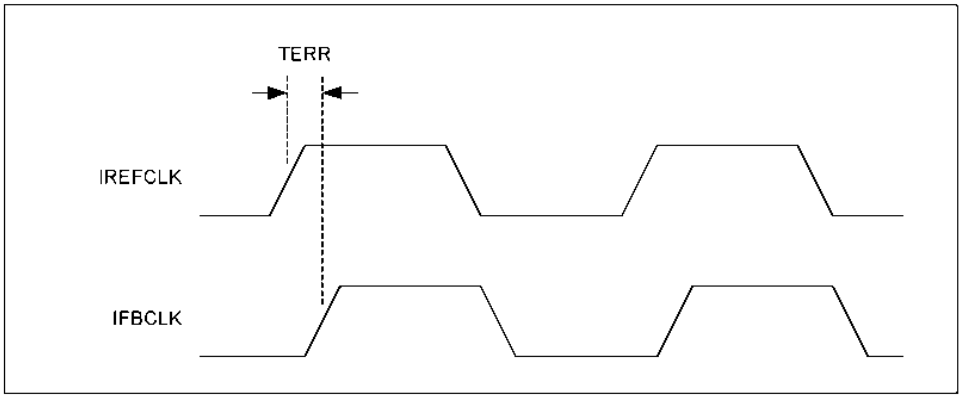

• Figure 4: VCO Output Frequency Overshoot (not to scale)



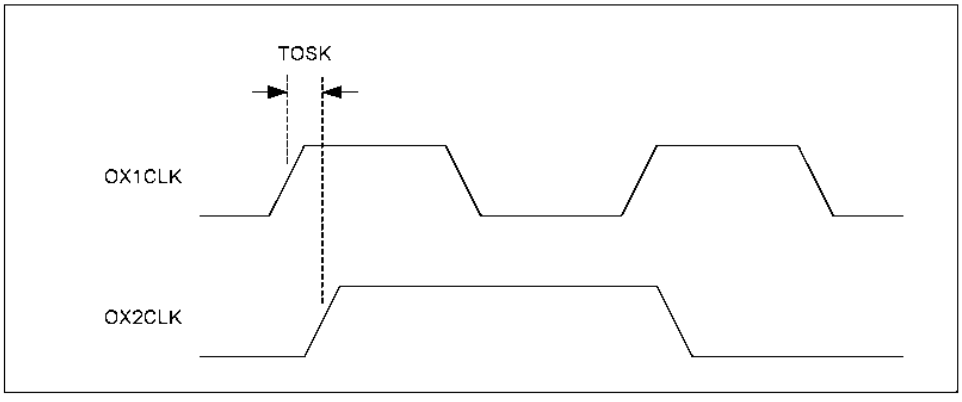

• Figure 5: Peak-to-Peak Jitter (first rising edge after oscilloscope trigger)



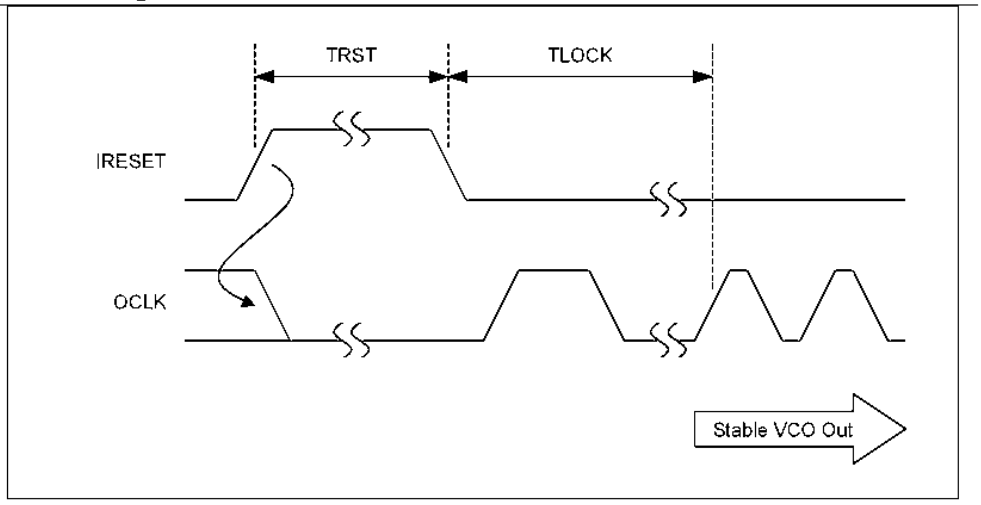

• Figure 6: Long Term Jitter (at least 1us after oscilloscope trigger)




• Figure 7: Static Phase Error (positive TERR shown)




• Figure 8: OX2CLK to OX1CLK Skew (positive TOSK shown)




• Figure 9: Reset Time and PLL Lock Time

## Physical Requirements

The macro shall meet the following layout requirements:

| | |
|---|---|
| Feature Size | 0.15um |
| Metal Layers Blockages | Complete block out on all metal layers |
| Silicon Area | 0.20mm$^2$ |

• Table 5: Physical Requirements

## Qualification Plan

### Loop Gain Setting

### Clock Cycle-to-cycle Jitter

### Clock Peak-to-peak Jitter

### Clock Long Term Jitter

### Skew Control Propagation Delay

### Average Supply Current

### Power-down Current

### Supply and Ground Noise

## Production Test Plan

### Frequency Test

## Circuit Design Guideline

# RTL Design and Behavioral Modeling Guideline

## I/O Pad and BGA Ball Assignment

The following table lists the required I/O pad and pin assignment for the macro. As indicated by the variable X on the "Pad #" column, the whole macro can be shifted around the I/O ring, as long as the signal ordering is preserved. Mirroring of the macro is also acceptable. The BGA ball assignment for this macro in Rage128P is also included as an example.

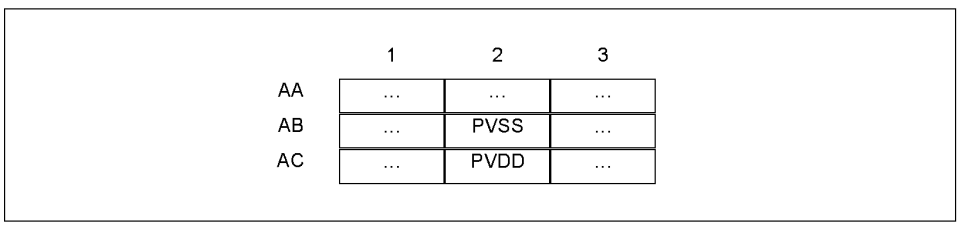
| Pad # | Pad Name | Macro Signal | Rage128P BGA Ball |
|---|---|---|---|
| X | PVSS | VSSCK | AB2 |
| X+1* | PVSS | VSSCK | AB2 |
| X+2 | PVDD | VDDCK | AC2 |
| X+3* | PVDD | VDDCK | AC2 |

Note:

* These pads are optional when shared by two or less PLLs (any type).

• Table 6: I/O Pad and BGA Ball Assignment

The macro requires a total of four I/O pads and two balls. The BGA balls that assigned to the macro are located besides together. This shall give them easy access to the voltage regulator. The following diagram visually shows how the balls are assigned in Rage128P.




• Figure 10: BGA Ball Assignment in Rage128P (Top View)

Note that some assumptions have been made when the arrangement was constructed. The pad or ball assignment shall change if any one of the following items is violated:

- Pad pitch is exactly 50um, and pad height is no more than 600um.
- Double bonding is technically achievable.

# Place and Route Guideline

## Macro Footprint

## Power and Ground Routing

The power supply and ground of the macro should be routed to the dedicated I/O pads using all layers of metal as allowed by the process.

## Package Design Guideline

## PCB Design Guideline

## BIOS/Software Programming Guideline

# PLL Clock Synthesizer for High-Speed Digital Circuits

*Requirement Specification for 0.15μm Development*

***KAREN WAN***

***IC Development Group***

*Revision 0.2*

*Last Updated on June 19, 2001*

***WARNING***

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# Revision History

| Revision | Date | Author | Remark |
|---|---|---|---|
| 0.2 | June 19, 2001 | Karen Wan | Changed the minimum input frequency range from 2MHz to 6.75MHz |
| 0.1 | October 25, 2000 | Karen Wan | Added output clock 3 and inverter function for the output clocks. Changed the frequency range from 200-400MHz to 300-800MHz |

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# Introduction

This document is designed to provide the hardware design teams with the technical specifications required by a fully integrated PLL-based clock synthesizer for high-speed digital circuits to meet ATI's future product requirements. The use of standard 0.15um single-gate-oxide 1P7M digital CMOS process with 1.8Vtg power supply is a stated requirement for this class of products. The clocking solution will provide synchronous pipelined logic clock frequencies from 300 to 800MHz in minimum steps of 6.75MHz.

This specification is intended to provide circuit designers a well-defined and measurable design target that will meet the system-level clocking requirements. While the focus of this document is on functionality and electrical and timing parameters, verification procedures at different design stages are also covered in detail to ensure sufficient level of testability. Finally, the design guidelines for other development and qualification groups place the document in a system-level context.

This specification provides a baseline of development for the clocking requirements in future ATI products. It is not the only implementation that can be developed; however, this baseline functionality is required for most systems.

**Note**: The PLL specified in this document may not be suitable for video display circuitry.

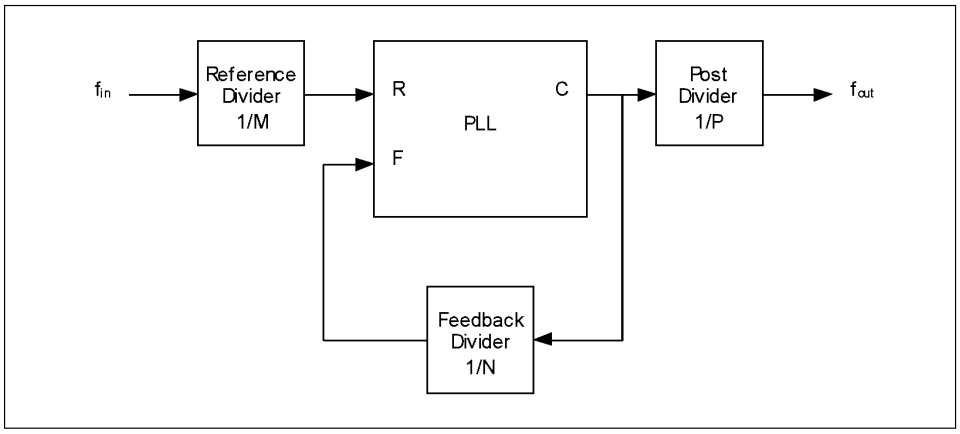
## Key Features

- Input reference frequency ranges from 6.75 to 9MHz
- VCO frequency ranges from 300 to 800MHz
- Less than 50ps cycle-to-cycle, and 200ps peak-to-peak jitter with 100mVpp sinusoidal supply ripple
- Fully integrated with built-in self-biasing circuitry
- Less than 8mA average current consumption under nominal conditions
- Designed using standard 1.8Vtg, 0.15um single-gate-oxide digital CMOS process

## Phase-Locked Loop Overview

Today's ASIC usually derives its internal clocks from an off-chip discrete component such as crystals or oscillators running at some standard frequencies (common ones are 14.31818MHz and 29.498MHz). In order to meet the different timing requirements of different logic blocks independent of the source frequency, integrated PLL-based clock synthesizers are used to generate the frequency-multiplied clocks required by the high-speed digital circuitry.

A typical clock synthesizer system is composed of 4 components: a phase-locked loop (PLL) and 3 frequency dividers. When connected in a feedback configuration as shown in the following diagram, the PLL be used to generate a clock signal that is a rational multiple of the source clock.




• Figure 1: Clock Synthesizer System

The front-end of the PLL is a phase/frequency detector (PFD) that continuously monitors and compares the phase of the clock signals appeared at the two input ports, R (for reference) and F (for feedback). Upon detecting any difference, it will adjust the frequency of the clock generated at the output port C (for clock) in such a direction that the difference will be eliminated.

The clock synthesizer is best understood using negative feedback control theory. When the whole system reaches steady state, i.e. phase-locked, the output clock frequency, $f_{out}$, is related to the input clock frequency, $f_{in}$, through a simple, yet exact, equation:

$$f_{out} = f_{in} \times \frac{N}{M \times P}$$

As suggested by the equation, the frequency multiplication factor of the clock synthesizer system only depends on the three frequency divider values, M, N and P. They are usually, but not limited to, integers. The choice of a particular set of divider values should not be based solely on the desired output clock frequency, but should also take into consideration of constrains such as electrical limitations of the PLL, loop stability and jitter performance.

The frequency dividers are to be residing in the core and, hence, are not considered as part of the PLL. The implementation detail of the dividers is out of the scope of this specification and is the responsibility of the logic designer who uses this macro.

## Related Documents

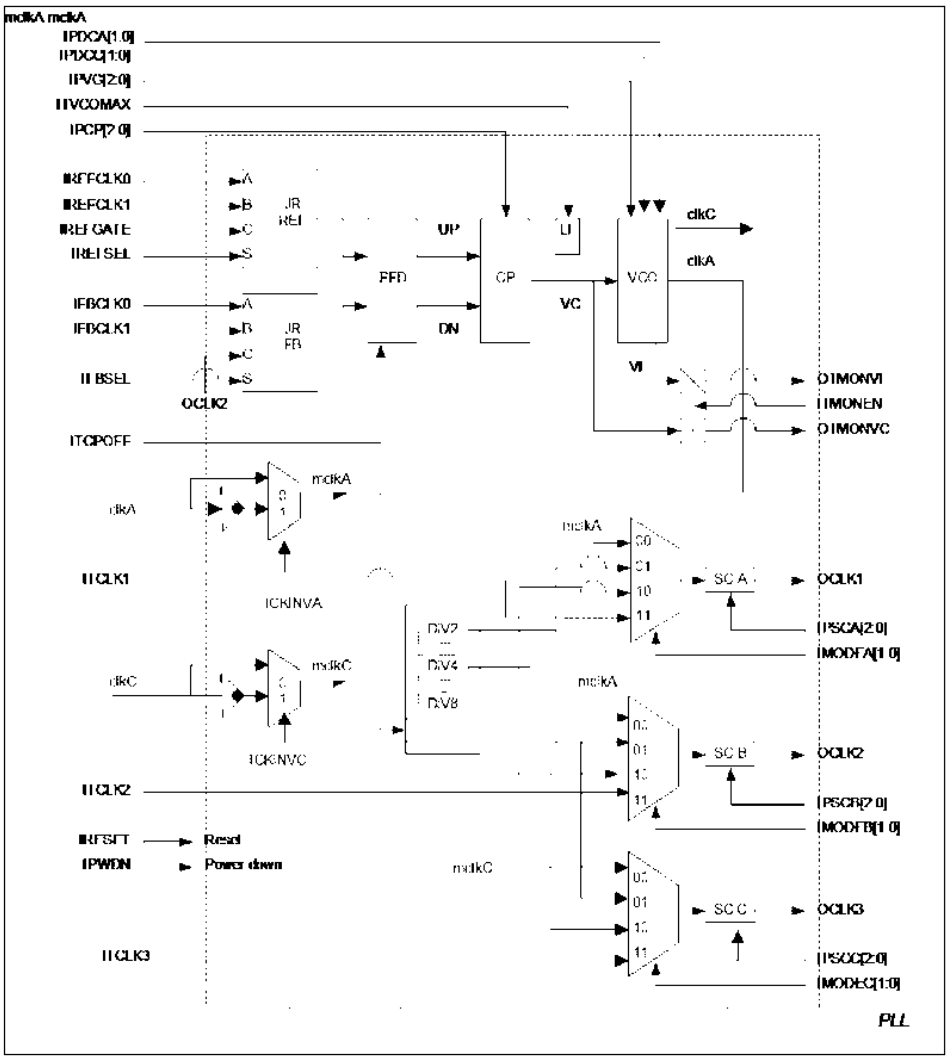
TBW

## Functional Requirements

This section details the functional requirement of a PLL-based clock synthesizer optimized for high-speed digital circuits.

## Port Definition and Building Blocks

The following diagram shows the basic building blocks of the PLL:




• Figure 2: Functional Block Diagram

The macro has 42 input ports and 5 output ports. It also requires a pair of dedicated power and ground for the analog portion of the macro, along with the core VDD and VSS.

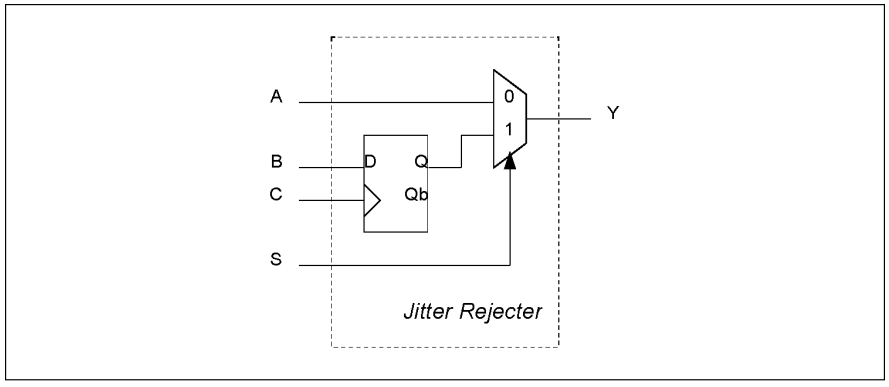
| Port Name | Description |
|---|---|
| IREFCLK0 | Reference Clock 0. When IREFSEL is low, this signal is the PLL reference clock. Its duty-cycle is ignored by the PFD. |
| IREFCLK1 | Reference Clock 1. Leading into JR REF, this clock is gated by IREFGATE. A high level |

| Port Name | Description |
|---|---|
| | in IREFSEL selects this signal as the PLL reference clock. |
| IREFGATE | Reference Clock Gating Signal. Leading into JR REF, this signal should be a jitter-free clock used for gating IREFCLK1. Its frequency should be an integral multiple of IREFCLK1's frequency. |
| IREFSEL | Reference Clock Select. A low level selects IREFCLK0 as the PLL reference clock, which is the signal that the PLL tries to phase-lock. A high signal selects IREFCLK1. It is highly recommended that the same logic value be applied to both IREFSEL and IFBSEL. |
| IFBCLK0 | Feedback Clock 0. When IFBSEL is low, this signal is the PLL feedback clock. Like IREFCLK0, its duty-cycle is ignored by the PFD. |
| IFBCLK1 | Feedback Clock 1. Leading into JR FB, this clock is gated by OCLK2. A high level in IFBSEL selects this signal as the PLL feedback clock. The frequency of OCLK2 must be an integral multiple of IFBCLK1's frequency. |
| IFBSEL | Feedback Clock Select. A low level selects IFBCLK0 as the PLL feedback clock, which is the signal that the PLL uses to compare with the reference input. A high signal selects IFBCLK1. It is highly recommended that the same logic value be applied to both IREFSEL and IFBSEL. |
| IRESET | Reset Signal (active high, level sensitive). A low level puts the PLL in normal operating mode. A high level resets the PLL. The macro will not operate properly before going through the reset sequence. During reset, OCLK1 and OCLK2 shall remain at logic low. |
| IPWDN | Power-down Enable (active high, level sensitive). A low level indicates normal operation. A high level puts the macro into power-down state. |
| IMODEA[1:0]<br>IMODEB[1:0]<br>IMODEC[1:0] | Output Clock Source Select. Select the output clock sources for OCLK1 and OCLK2 and OCLK3 as different logic have different clocking requirements. |
| IPCP[2:0] | Charge-pump Current Adjustment. |
| IPDCA[1:0] | Output Clock Duty-Cycle Adjustment. It adjusts the duty-cycle of the OCLK1 output. |
| IPDCC[1:0] | Output Clock Duty-Cycle Adjustment. It adjusts the duty-cycle of the OCLK3 output |
| IPSCA[2:0]<br>IPSCB[2:0] | Output Clock Skew Adjustment. Adjust the propagation delay of SC A and B, respectively, which in turn introduces phase offset between the two output clocks. The delay can be used to compensate timing mismatch between CT that runs off OCLK1 and that runs off OCLK2. |
| IPVG[2:0] | VCO Gain Adjustment. |
| ITCLK1 | Test Clock for OCLK1 CT. A clock signal that can be selected to become OCLK1 during various ASIC test modes. |
| ITCLK2 | Test Clock for OCLK2 CT. A clock signal that can be selected to become OCLK2 during various ASIC test modes. |
| ITCLK3 | Test Clock for OCLK3 CT. A clock signal that can be selected to become OCLK3 during various ASIC test modes |
| ITCPOFF | Charge-pump Output Hi-Z Test Mode Enable (active high, level sensitive). A low level indicates normal operation. A high level forces the charge-pump output to become high impedance, letting the VCO free running. |
| ITMONEN | Access Points Enable. A high level turns on the transmission gates that lead to various internal critical nodes. A low level turns the gates off. |
| ITVCOMAX | Maximum VCO Frequency Test Mode Enable (active high, level sensitive). A low level indicates normal operation. A high level at both this signal and ITCPOFF simultaneously shall force the VCO to run at maximum possible frequency (a.k.a. runaway). |
| OCLK1 | Output Clock 1. The macro provides multiple output clock sources and can be selected through IMODEA[1:0] depending on the logic clock requirement. |
| OCLK2 | Output Clock 2. The macro provides multiple output clock sources and can be selected through IMODEB[1:0] depending on the logic clock requirement. |

| Port Name | Description |
|---|---|
| OCLK3 | Output Clock 3. The macro provides multiple output clock sources and can be selected through IMODEC[1:0] depending on the logic clock requirement. |
| OTMONVC | Access Point to VC Node (analog). Once enabled by IMONEN, it gives access to the VC node. It is high impedance when disabled. |
| OTMONVI | Access Point to VI Node (analog). Once enabled by IMONEN, it gives access to the VI node. It is high impedance when disabled. |
| VDDCK | Analog Power. It should be a well-regulated power for the analog portion of the macro. |
| VSSCK | Analog Ground. It should be a well-regulated, low-impedance ground return path for the analog portion of the macro. |

• Table 1: Port Definition

The logic diagram of Jitter Rejecter (JR) is shown in the following figure. It is a simple, yet effective, circuit used to filter out the timing jitter of an incoming clock signal caused by supply bounce or ground bounce. The timing jitter would have been misinterpreted by the PFD as phase/frequency difference that triggers the PLL to "correct" for a non-existent skew, causing the VCO to have excessive long-term jitter. The idea is to use a "jitter-free" clock signal C to gate the "noisy" clock signal B (of course, the frequency of C must be an integral multiple of B). The A-to-Y path is provided a mean to by-pass the JR.




• Figure 3: Logic Diagram of Jitter Rejecter

## Function Table

The following table summarizes the required settings to place the macro in the 5 different operating modes. While X's in the table mark don't-care situations, they do not mean the signals should toggle or be held at any other voltage levels except logic high and logic low.

| Port Name | Normal | Power-Down | Debug | Hi-Z CP Test | Max. VCO Test |
|---|---|---|---|---|---|
| IREFCLK0 or 1 | clock | X | clock | X | X |
| IREFGATE | REFGATE | X | REFGATE | X | X |
| IREFSEL | REFSEL | X | REFSEL | X | X |
| IFBCLK0 or 1 | clock | X | clock | X | X |
| IFBSEL | FBSEL | X | FBSEL | X | X |
| IRESET | 0 | X | 0 | 0 | 0 |

| | | | | | |
|---|---|---|---|---|---|
| IPWDN | 0 | 1 | 0 | 0 | 0 |
| IMODEA[1:0] | MODE | X | MODE | MODE | MODE |
| IMODEB[1:0] | | | | | |
| IMODEC[1:0] | | | | | |
| IPCP[2:0] | PCP | X | PCP | PCP | PCP |
| IPDCA[1:0] | PDC | X | PDC | PDC | PDC |
| IPDCC[1 :0] | | | | | |
| IPSCA[2:0] | PSCA | X | PSCA | PSCA | PSCA |
| IPSCB[2:0] | PSCB | X | PSCB | PSCB | PSCB |
| IPVG[2:0] | PVG | X | PVG | PVG | PVG |
| ITCLK1 | X | X | X | X | X |
| ITCLK2 | X | X | X | X | X |
| ITCLK3 | X | X | X | X | X |
| ITCPOFF | 0 | 0 | 0 | 1 | 1 |
| ITMONEN | 0 | 0 | 1 | 0 | 0 |
| ITVCOMAX | 0 | 0 | 0 | 0 | 1 |
| OCLK1 | clock | 0 | clock | clock | clock |
| OCLK2 | clock | 0 | clock | clock | clock |
| OCLK3 | clock | 0 | clock | clock | clock |
| OTMONVC | Z | Z | v(VC) | Z | Z |
| OTMONVI | Z | Z | v(VI) | Z | Z |

• Table 2: Function Table

## Normal Operation

During normal operation, the macro should behave like a clock generator. The jitter characteristics of its output clocks at OCLK1 and OCLK2 should fall within the requirements specified by this document.

## Power-down Mode

The macro shall be placed in a zero-power suspend state when IPWDN is held at logic high while switching activities at all other input ports are stopped. Once in Power-down Mode, the macro should consume neither dynamic nor standing power except the inevitable tiny leakage current that are common to all CMOS design. The output ports OCLK1 and OCLK2 shall be stopped and forced to remain at logic low immediately.

To bring the macro back to normal operation, the IPWDN signal shall first be de-asserted, followed by resetting the macro properly as prescribed below.

If glitches on the output clocks are not acceptable, one may elect to assert IRESET before IPWDN during the power-down sequence. To turn on the macro and have it reset, reverse the order by de-asserting IPWDN before IRESET. By “bracketing” IPWDN signal with IRESET signal the macro should produce no glitch at its output port.

### Debug Mode: Probing Internal Nodes

For debugging purposes certain critical nodes (in this case they are all analog in nature) inside the macro can be accessed or monitored directly. To prevent interference from getting into these sensitive nodes during normal operation, transmission gates controlled by the signal ITMONEN is used to isolate them from the outside world.

By holding ITMONEN at logic high, the transmission gates shall be turned on, giving access to the specified internal nodes. Otherwise, the gates shall be turned off, leaving the accessing ports at high impedance.

### Test Mode: Charge-pump Output High Impedance

In this test mode, the charge-pump of the macro will be shut off, letting the VCO free running. The purpose of this test mode is to provide a mean to quantify the loop filter leakage, which is one of the most critical process parameters affecting the performance of the macro.

To put the macro in this test mode, the ITCPOFF signal at will be held at logic high. The charge-pump should then be shut off, leaving the loop filter, which is also the input control to the VCO, at high impedance. The net amount, as well as the direction, of the leakage current can then be monitored indirectly through the VCO output frequency. The macro shall stay in this test mode indefinitely until the signal ITCPOFF is de-asserted. Proper reset sequence should then be followed to put the macro back to normal operation.

### Test Mode: Maximum VCO Frequency

The maximum oscillation frequency of the VCO shall be able to be characterized. The test is good for characterizing the macro and correlating the real silicon with SPICE simulations. It can also be an overall performance indicator of a process.

To put the macro in this test mode, both ITCPOFF and ITVCOMAX will be held at logic high. The charge-pump should then be shut off, allowing the VCO to be forced to run at its maximum frequency within a specified period. The macro shall stay in this test mode indefinitely until the signals ITCPOFF and ITVCOMAX are de-asserted. Proper reset sequence should then be followed to put the macro back to normal operation.

### Reset Procedure

Resetting the PLL shall put its logic portion into a known state, and force the VCO to run at its slowest possible speed by discharging the loop filter completely. The output clocks are also gated to remain at logic low throughout the reset period. The reset signal is level sensitive, and has to be asserted for at least the minimal amount of time specified.

Once the reset signal is de-asserted, the VCO frequency will start ramping up slowly until the PLL acquired lock. The actual time required for the PLL to lock varies with different operating conditions and target frequency, but it shall never exceed the maximum lock time specified. Note that the output clock frequency may overshoot up to a maximum allowable amount before reaching steady state at the target frequency.

The PLL should be reset if one or more of the following applies:

- Upon power up;

- Has been waken up from Power-down Mode or any one of the test modes; or
- Reference and/or feedback frequencies have been changed for whatever reason.

For any change in the value of the adjustment inputs that would stimulate the feedback system, reset is not necessary but time has to be given for the PLL to re-lock. Input ports including IPCP, IPVG, IMODE[3:2], and IPSCB all fall under this category.

# Electrical and Physical Requirements

This section defines the DC operating requirements, electrical and timing requirements, as well as physical requirements of the macro.

## DC Operating Requirements

In order to ensure the macro has enough design margin to function properly over a wide range of operating conditions, it should be designed to meet the electrical and timing requirements under all specified corner conditions:

| Symbol | Parameter | Corner 1: Noml. | Corner 2: Fast | Corner 3: Slow | Corner 4: FNSP | Corner 5: SNFP | Corner 6: Noml. HT |
|---|---|---|---|---|---|---|---|
| | Process | noml | fast | slow | fnsp | snfp | noml |
| TEMPJ | Junction Temp. | 25°C | 0°C | 125°C | 25°C | 25°C | 125°C |
| VDD | Supply Voltage | 1.80V | 1.98V | 1.62V | 1.80V | 1.80V | 1.80V |

• Table 3: DC Operating Requirements

The only exception to meeting the above operating requirements is when “binning” of devices (sorting devices by performance) is achievable and acceptable. In that case, the “design-to-corners” approach would likely be replaced by Monte Carlo analysis to give a more accurate prediction on yield. Nevertheless, the new operating requirements, which are usually expressed in statistical terms such as mean or variation, should still be clearly stated in the design specification.

## Electrical and Timing Requirements

The Electrical Requirements table provides the limits for each critical design parameter, over all DC operating conditions detailed in the previous section unless otherwise specified. The “Min”, “Typ” and “Max” columns of the table are the limits of parameters only and are not related in any way to the operating condition.

| Symbol | Parameter | Min | Typ | Max | Unit | Notes |
|---|---|---|---|---|---|---|
| TIP | REFCLK Period | 111 | | 148 | ns | 1 |
| FIP | REFCLK Frequency | 6.75 | | 9 | MHz | 2 |
| TIH | REFCLK High Time | 2 | | | ns | |
| TIL | REFCLK Low Time | 2 | | | ns | |
| TOP | VCO Output Period | 2.5 | | 5.0 | ns | 1 |
| FOP | VCO Output Frequency | 300 | | 800 | MHz | 3 |
| TODC | VCO Output Duty Cycle | 45 | 50 | 60 | % | 1, 4 |
| FOOS | VCO Output Frequency Overshoot | | 10 | | % | 5 |
| TJCC | Cycle-to-Cycle Jitter | | | 50 | ps | 1, 6 |
| TJPP | Peak-to-Peak Jitter | | | 200 | ps | 1, 6 |
| TJLT | Long Term Jitter (1us after scope trigger) | | | 3.0 | ns | 1, 6 |
| FBW3 | Closed Loop Jitter Bandwidth at –3dB | | | 50 | kHz | 7 |
| FBW20 | Closed Loop Jitter Bandwidth at –20dB | | | 500 | kHz | 7 |

| Symbol | Parameter | Min | Typ | Max | Unit | Notes |
|---|---|---|---|---|---|---|
| CMAX | Maximum Load | | | 200 | fF | 8 |
| TERR | Static Phase Error | -100 | | +100 | ps | 1, 9 |
| TOSK | OCLK2 to OCLK1 Skew | -100 | | +100 | ps | 1, 10 |
| TRST | Reset Time | 10 | | | us | 1, 11 |
| TLOCK | PLL Lock Time | | | 750 | us | 1, 12 |
| TTVM | Acquisition Time for Maximum VCO Frequency | | | 10 | us | 1, 13 |
| IDDCK | Average Supply Current at VDDCK | | 8.0 | | mA | 14 |
| IPDCK | Power Down Current at VDDCK | | 1.0 | | uA | 15 |

Notes:

1 Time intervals measured at 50% VDDCK threshold point.

2 FIP is the reciprocal of TIP.

3 FOP is the reciprocal of TOP.

4 TODC limits should be met over the entire range of FOP.

5 FOOS is valid during lock acquisition only, and is expressed as a fraction of the target steady state OCLK1 frequency.

6 All jitter measurements are performed at OCLK1 with raw VCO output selected. A ±50mV sinusoidal ripple is superimposed on VDDCK, with ripple frequency ranging from minimum FIP to maximum FOP.

7 Jitter transfer function should be guaranteed by design.

8 CMAX is the maximum capacitive load seen by any output ports that shall give an output transition time (10-90% VDDCK) of less than 800ps.

9 TERR only applies after phase-locked.

10 Measured at Load = CMAX and at proper SC delay setting, i.e. identical setting at corresponding timing arcs.

11 Minimum time to keep IRESET remain asserted.

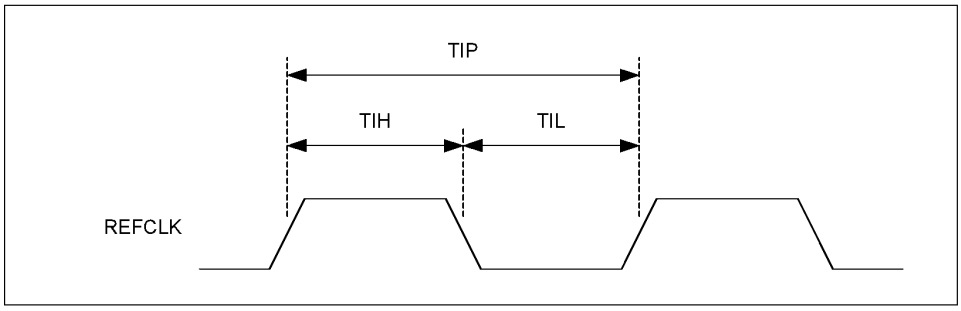
12 Measured from IRESET is de-asserted.

13 Measured from ITCPOFF and ITVCOMAX are asserted.

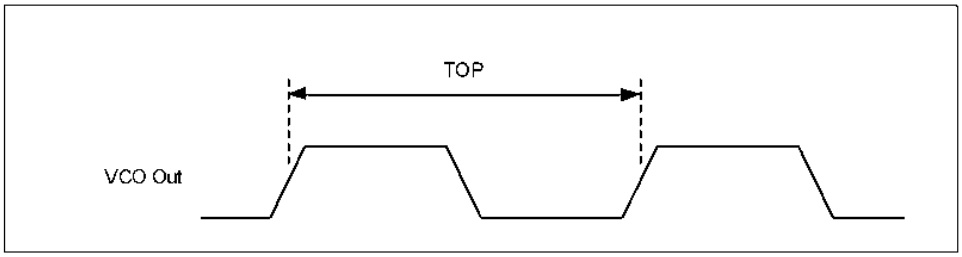
14 Measured under Corner 1 conditions, at minimum FIP and maximum FOP. Current measurement averaged over 500ns period.

15 Measured under Corner 1 conditions, based on typical leakage values.

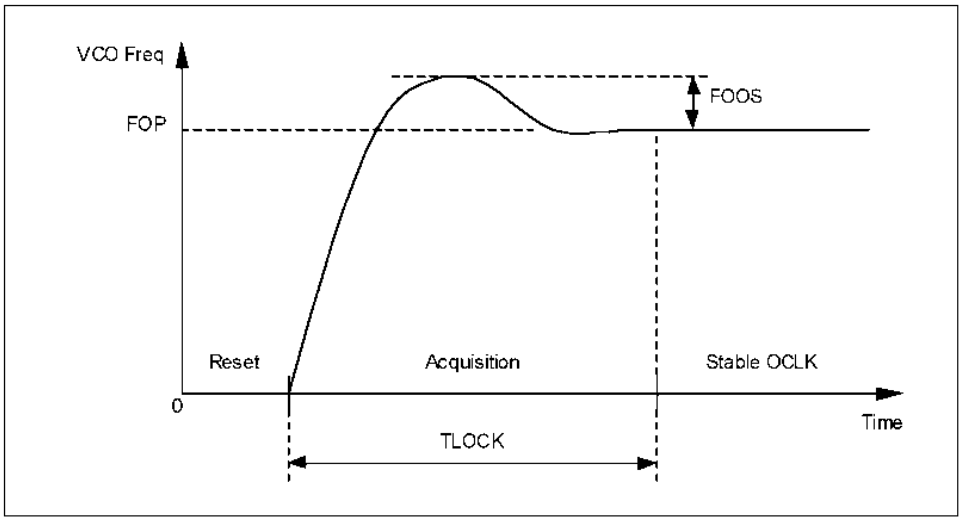
• Table 4: Electrical and Timing Requirements



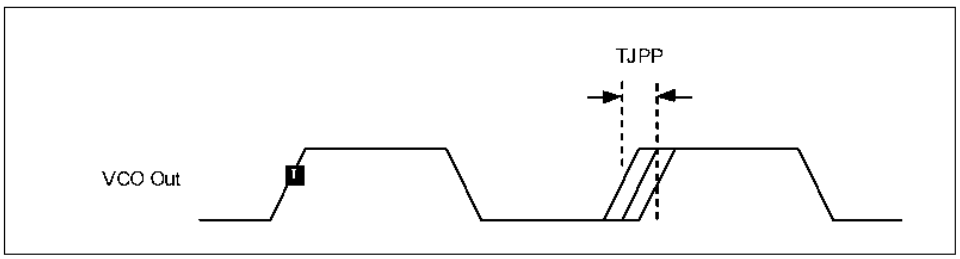

• Figure 4: REFCLK Period, High Time and Low Time



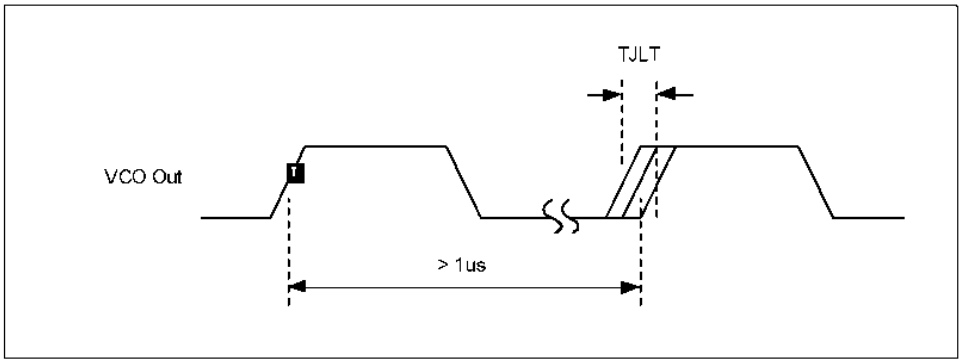

• Figure 5: VCO Output Period



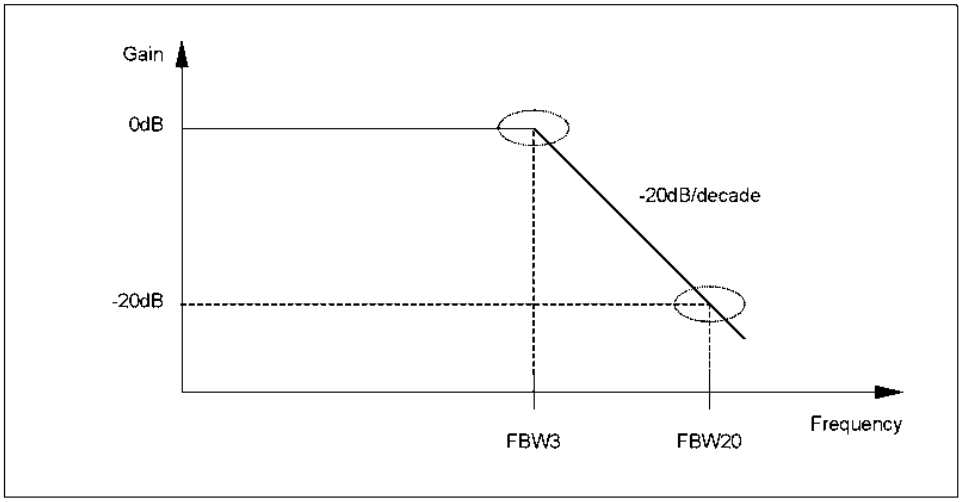

• Figure 6: VCO Frequency Overshoot (not to scale)



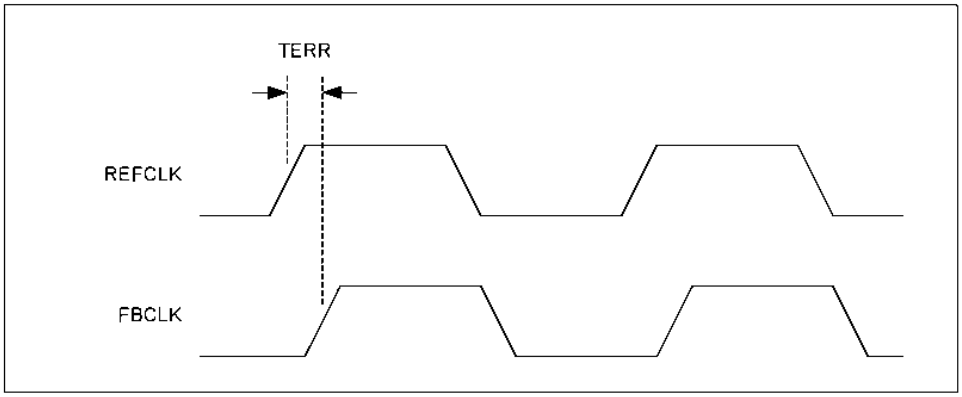

• Figure 7: Peak-to-Peak Jitter (first rising edge after oscilloscope trigger)



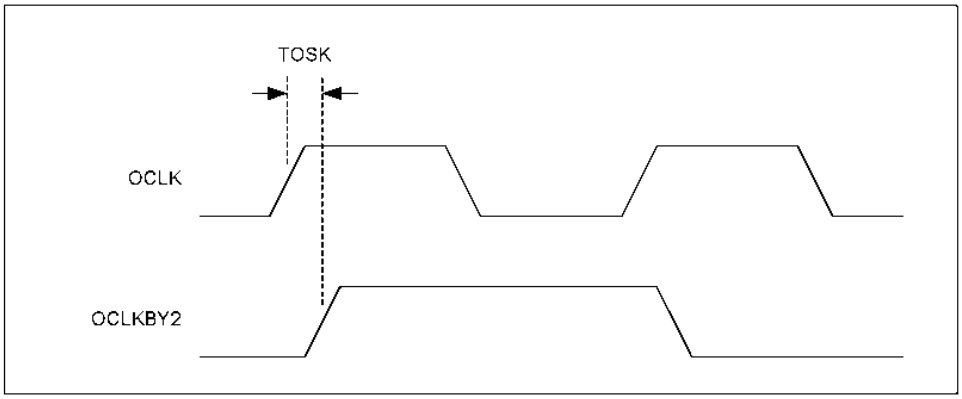

• Figure 8: Long Term Jitter (at least 1us after oscilloscope trigger)



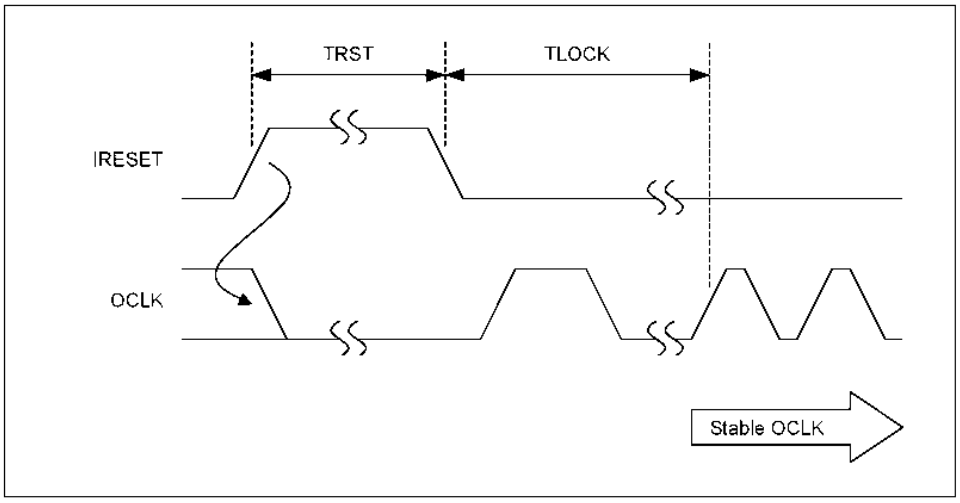

• Figure 9: Closed Loop Jitter Bandwidth




• Figure 10: Static Phase Error (positive TERR shown)




• Figure 11: OCLK1 to OCLK2 Skew (positive TOSK shown)




• Figure 12: Reset Time and PLL Lock Time

## Physical Requirements

The macro shall meet the following layout requirements:

| | |
|---|---|
| Feature Size | 0.15um |
| Metal Layers Blockages | Complete block out on all metal layers |
| Silicon Area | 0.25mm$^2$ |

• Table 5: Physical Requirements

# Qualification Plan

## Loop Gain Setting

## Clock Cycle-to-cycle Jitter

## Clock Peak-to-peak Jitter

## Clock Long Term Jitter

## Skew Control Propagation Delay

## Average Supply Current

## Power-down Current

## Supply and Ground Noise

## Production Test Plan

### Frequency Test

## Circuit Design Guideline

# RTL Design and Behavioral Modeling Guideline

## I/O Pad and BGA Ball Assignment

The following table lists the required I/O pad and pin assignment for the macro. As indicated by the variable X on the "Pad #" column, the whole macro can be shifted around the I/O ring, as long as the signal ordering is preserved. Mirroring of the macro is also acceptable. The BGA ball assignment for this macro in Rage128P is also included as an example.

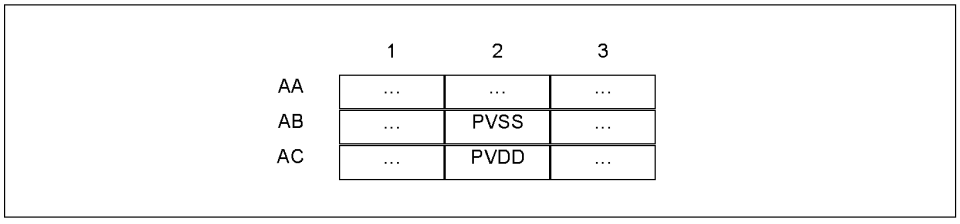
| Pad # | Pad Name | Macro Signal | Rage128P BGA Ball |
|---|---|---|---|
| X | PVSS | VSSCK | AB2 |
| X+1* | PVSS | VSSCK | AB2 |
| X+2 | PVDD | VDDCK | AC2 |
| X+3* | PVDD | VDDCK | AC2 |

Note:

* These pads are optional when shared by two or less PLLs (any type).

• Table 6: I/O Pad and BGA Ball Assignment

The macro requires a total of four I/O pads and two balls. The BGA balls that assigned to the macro are located besides together. This shall give them easy access to the voltage regulator. The following diagram visually shows how the balls are assigned in Rage128P.




• Figure 13: BGA Ball Assignment in Rage128P (Top View)

Note that some assumptions have been made when the arrangement was constructed. The pad or ball assignment shall change if any one of the following items is violated:

- Pad pitch is exactly 50um, and pad height is no more than 600um.
- Double bonding is technically achievable.

# Place and Route Guideline

## Macro Footprint

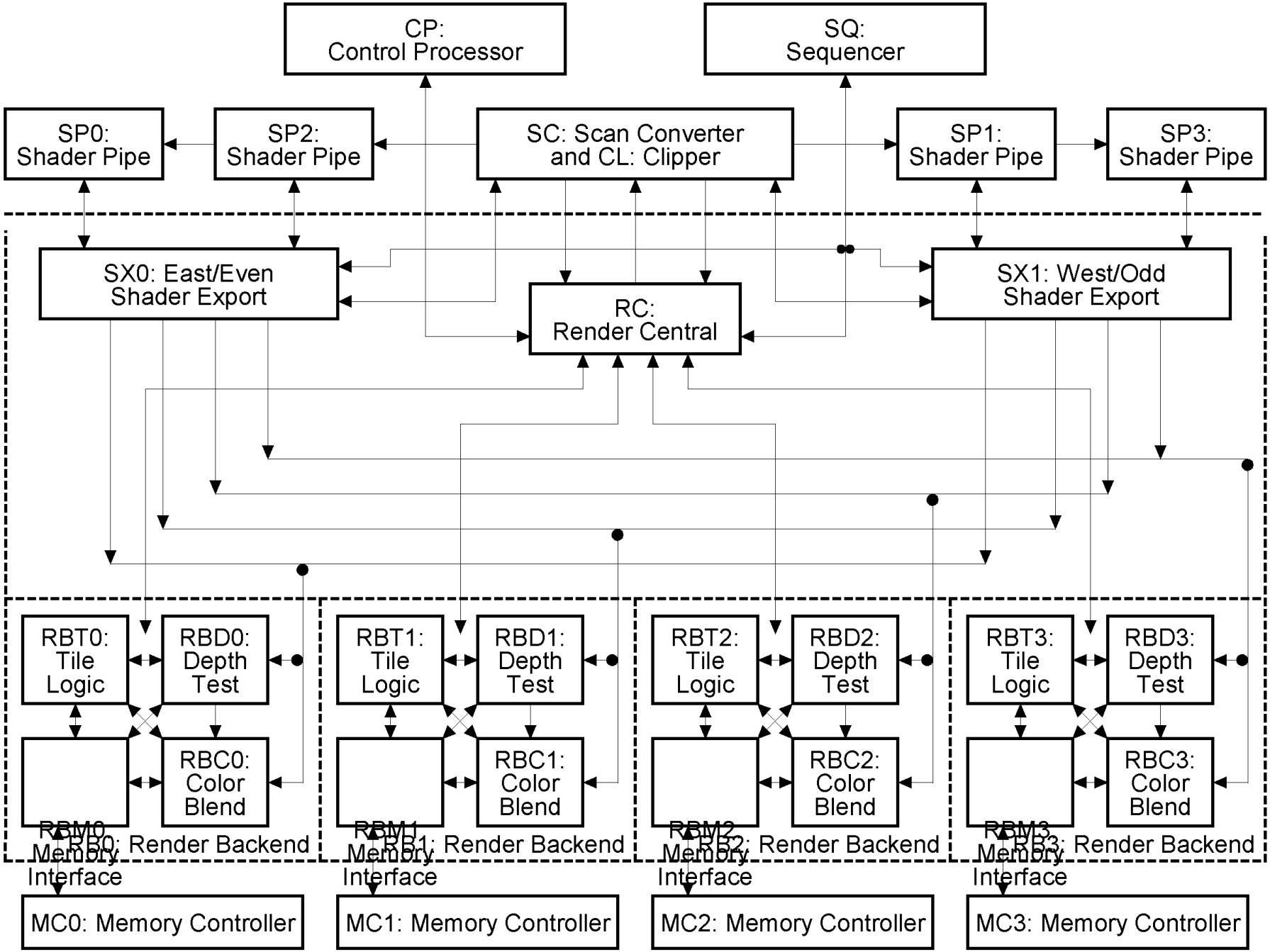
## Power and Ground Routing

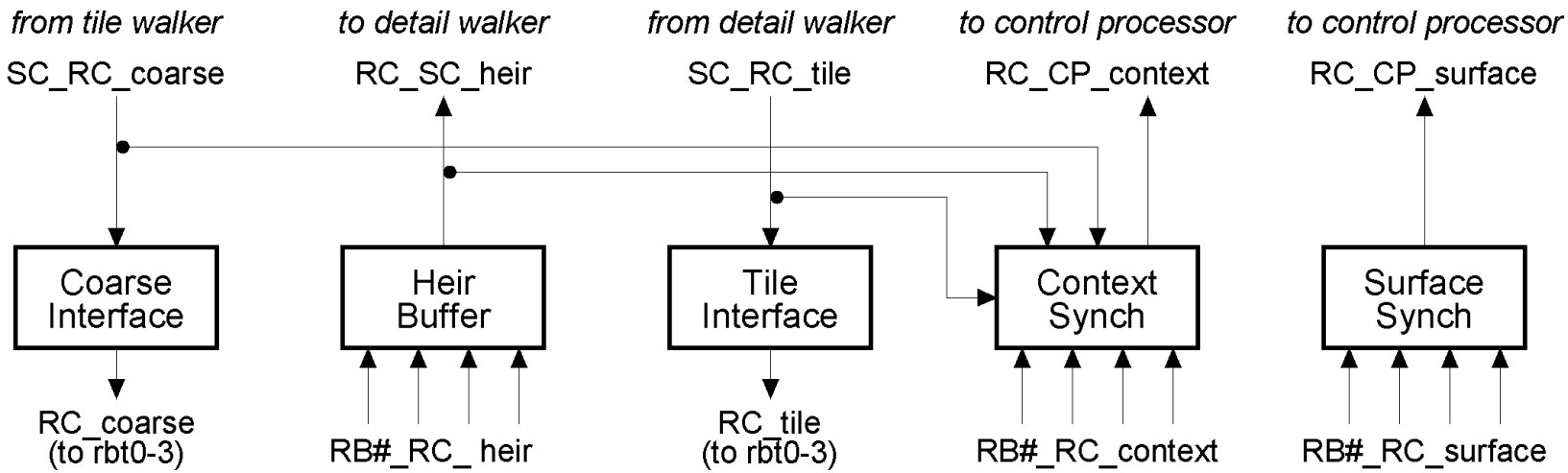
The power supply and ground of the macro should be routed to the dedicated I/O pads using all layers of metal as allowed by the process.

## Package Design Guideline

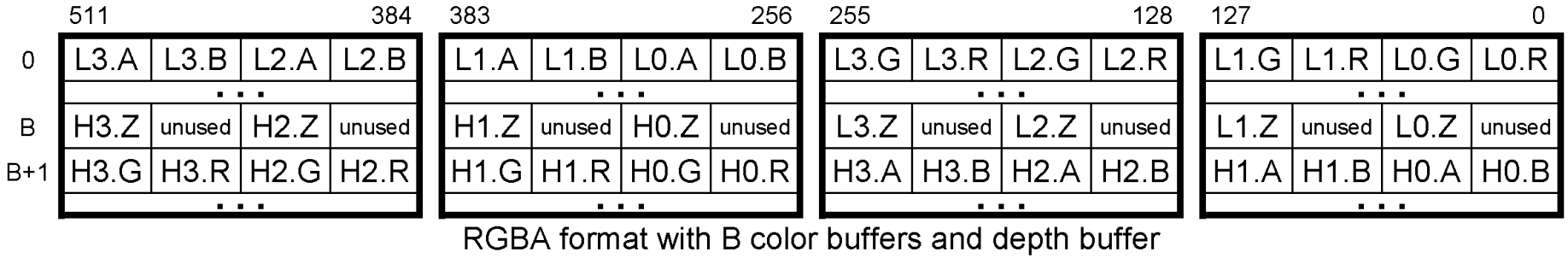
## PCB Design Guideline

## BIOS/Software Programming Guideline

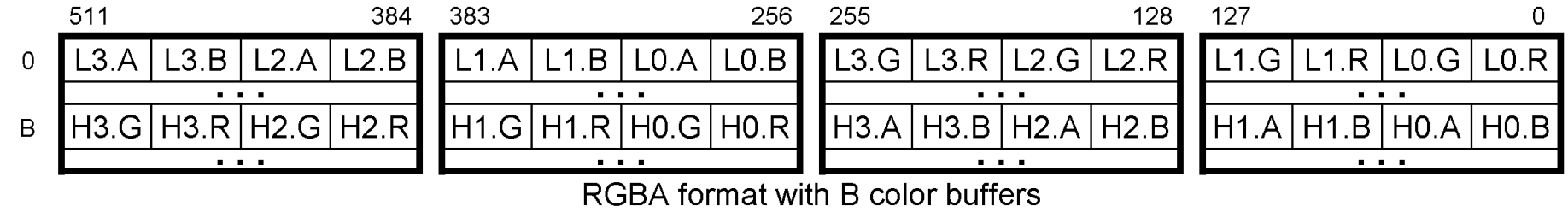

CP:
Control Processor
SQ:
Sequencer
SP0:
Shader Pipe
SP2:
Shader Pipe
SC: Scan Converter
and CL: Clipper
SP1:
Shader Pipe
SP3:
Shader Pipe
SX0: East/Even
Shader Export
RC:
Render Central
SX1: West/Odd
Shader Export
RBT0:
Tile
Logic
RBD0:
Depth
Test
RBC0:
Color
Blend
RBM0
RB0: Render Backend
Memory
Interface
RBT1:
Tile
Logic
RBD1:
Depth
Test
RBC1:
Color
Blend
RBM1
RB1: Render Backend
Memory
Interface
RBT2:
Tile
Logic
RBD2:
Depth
Test
RBC2:
Color
Blend
RBM2
RB2: Render Backend
Memory
Interface
RBT3:
Tile
Logic
RBD3:
Depth
Test
RBC3:
Color
Blend
RBM3
RB3: Render Backend
Memory
Interface
MC0: Memory Controller
MC1: Memory Controller
MC2: Memory Controller
MC3: Memory Controller



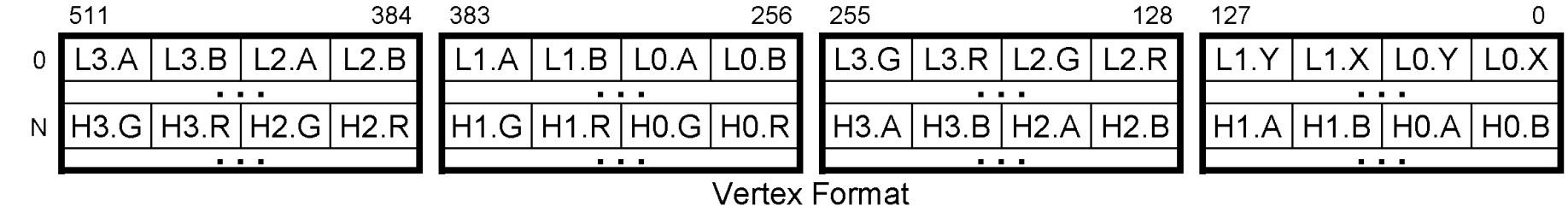

AMD CONFIDENTIAL BUSINESS INFORMATION - SUBJECT TO THE PROTECTIVE ORDER AMD1044_0190609




RGBA format with B color buffers and depth buffer

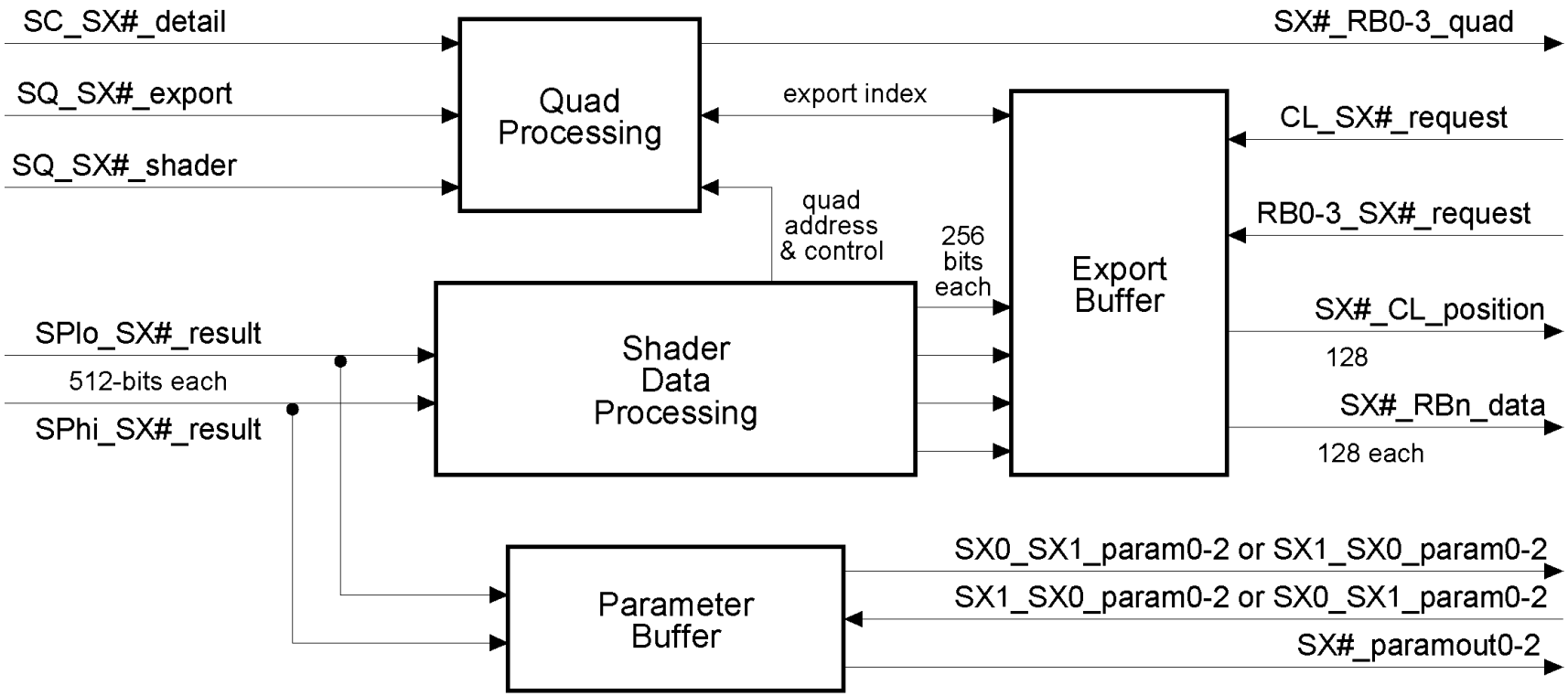



RGBA format with B color buffers

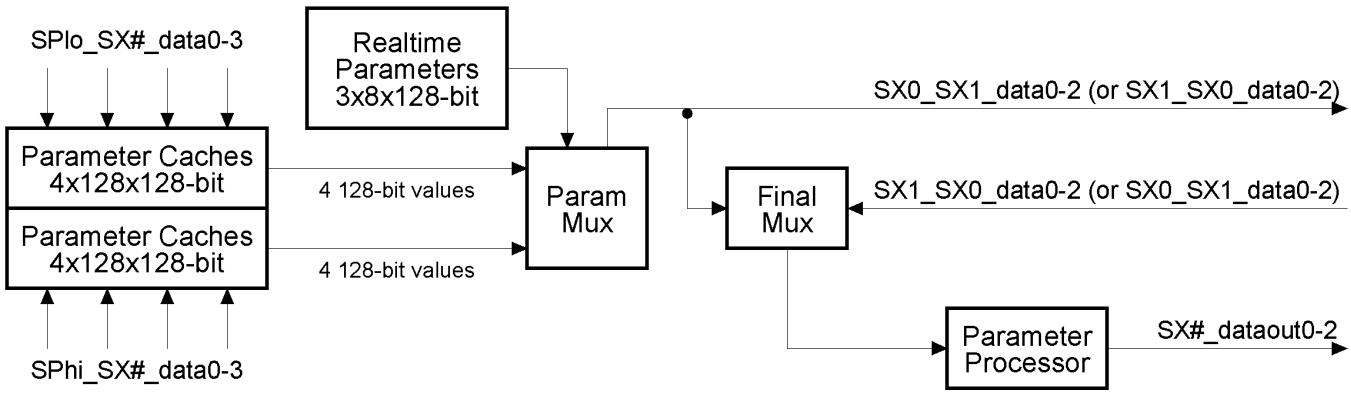


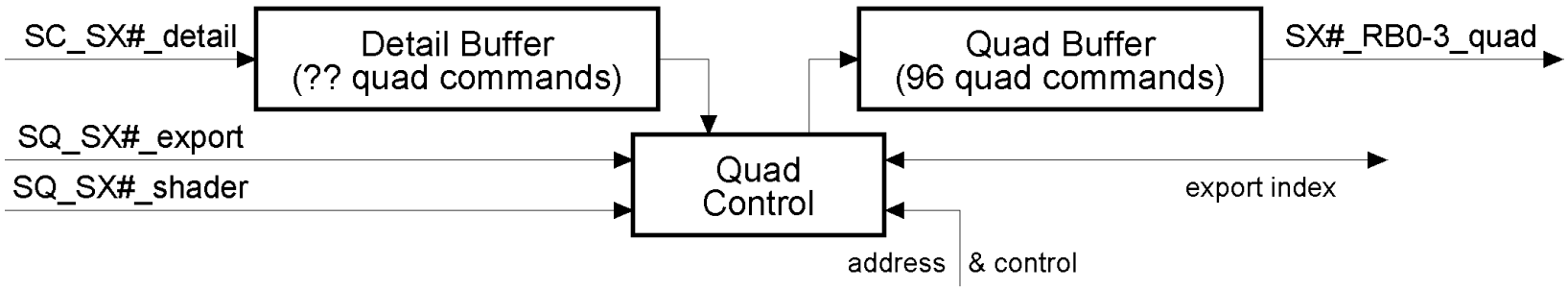

Vertex Format

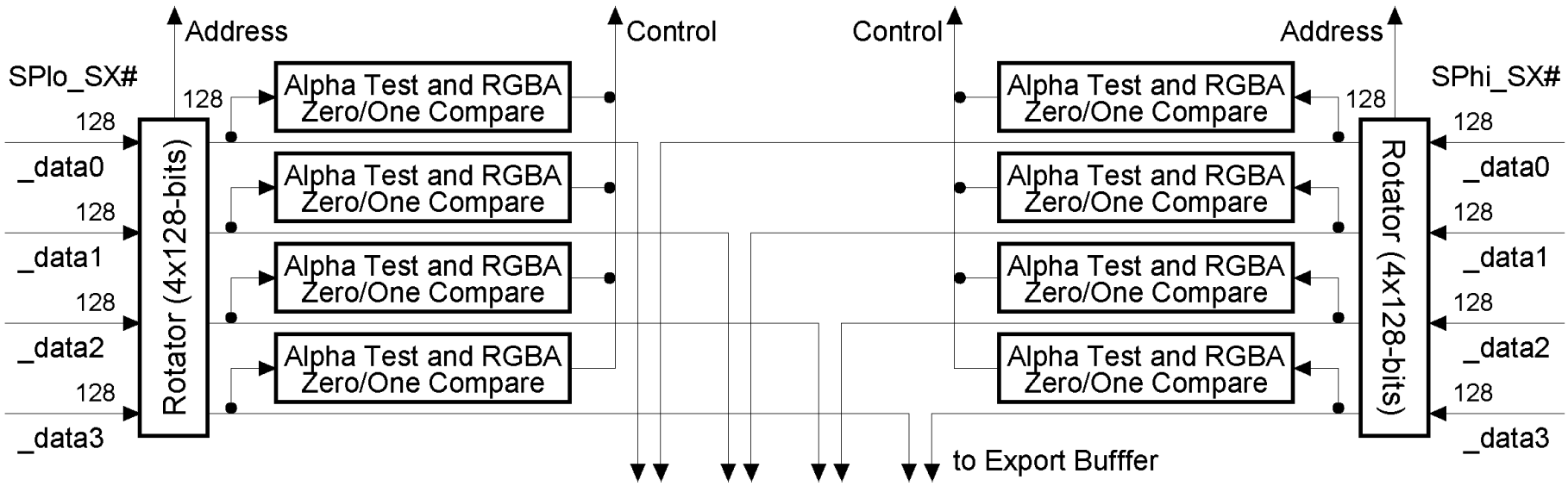
AMD CONFIDENTIAL BUSINESS INFORMATION - SUBJECT TO THE PROTECTIVE ORDER AMD1044_0190610



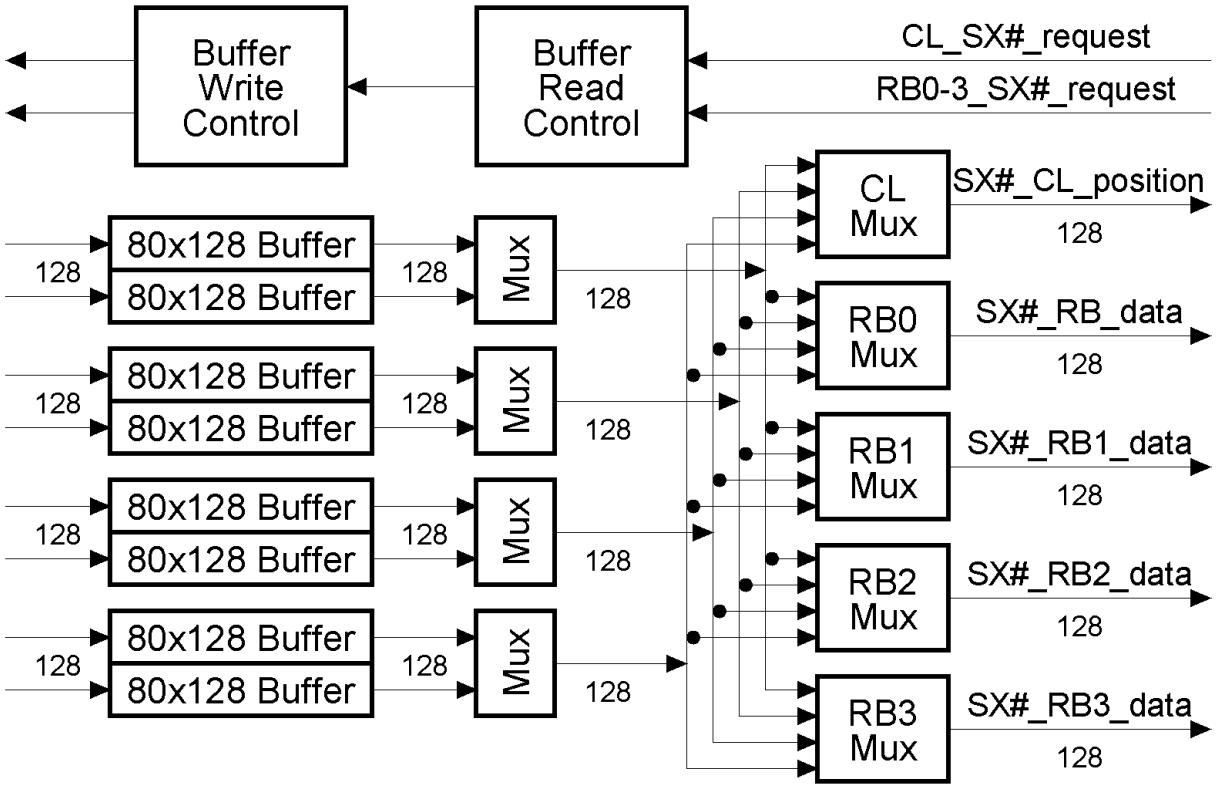

AMD CONFIDENTIAL BUSINESS INFORMATION - SUBJECT TO THE PROTECTIVE ORDER AMD1044_0190611


SPlo_SX#_data0-3
Realtime Parameters 3x8x128-bit
SX0_SX1_data0-2 (or SX1_SX0_data0-2)
Parameter Caches 4x128x128-bit
4 128-bit values
Param Mux
Final Mux
SX1_SX0_data0-2 (or SX0_SX1_data0-2)
Parameter Caches 4x128x128-bit
4 128-bit values
Parameter Processor
SX#_dataout0-2
SPhi_SX#_data0-3

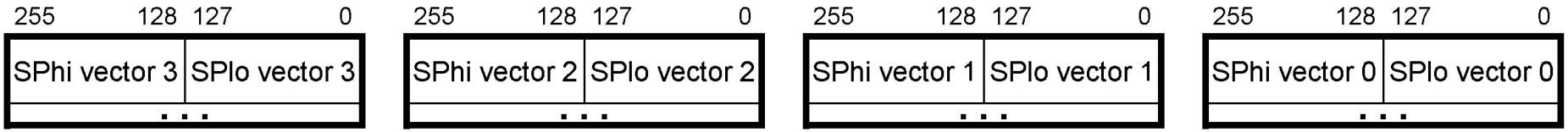

SC_SX#_detail
Detail Buffer
(?? quad commands)
Quad Buffer
(96 quad commands)
SX#_RB0-3_quad
SQ_SX#_export
SQ_SX#_shader
Quad
Control
export index
address
& control



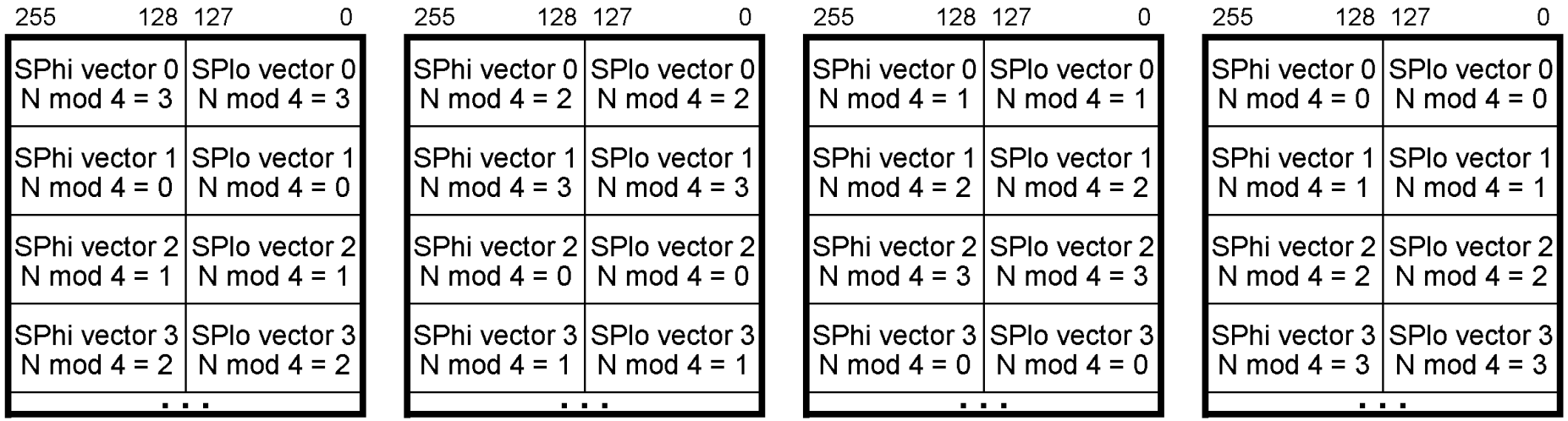

AMD CONFIDENTIAL BUSINESS INFORMATION - SUBJECT TO THE PROTECTIVE ORDER



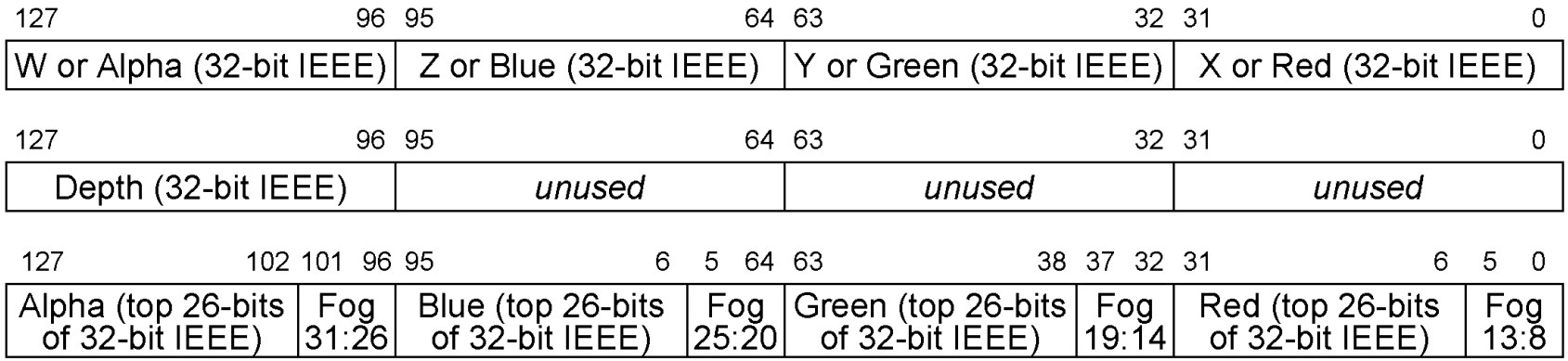

AMD CONFIDENTIAL BUSINESS INFORMATION - SUBJECT TO THE PROTECTIVE ORDER



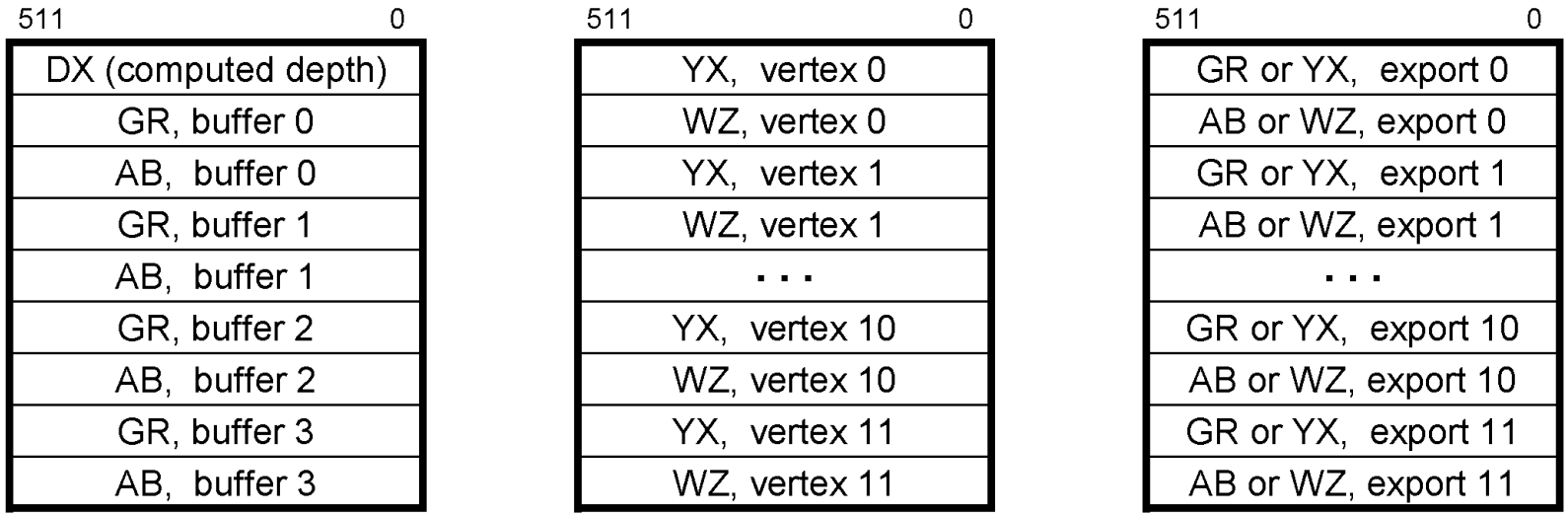

AMD CONFIDENTIAL BUSINESS INFORMATION - SUBJECT TO THE PROTECTIVE ORDER



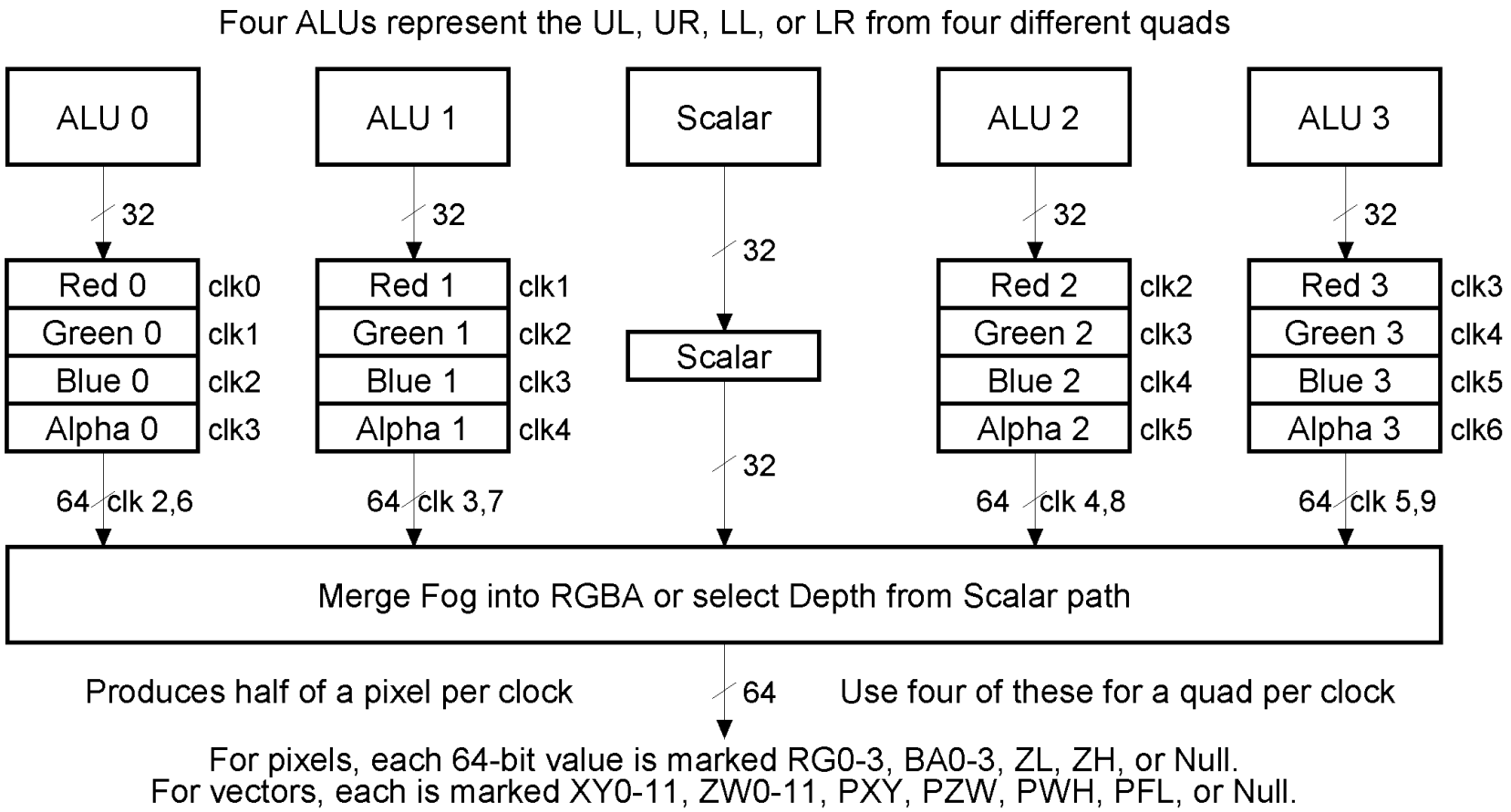

AMD CONFIDENTIAL BUSINESS INFORMATION - SUBJECT TO THE PROTECTIVE ORDER



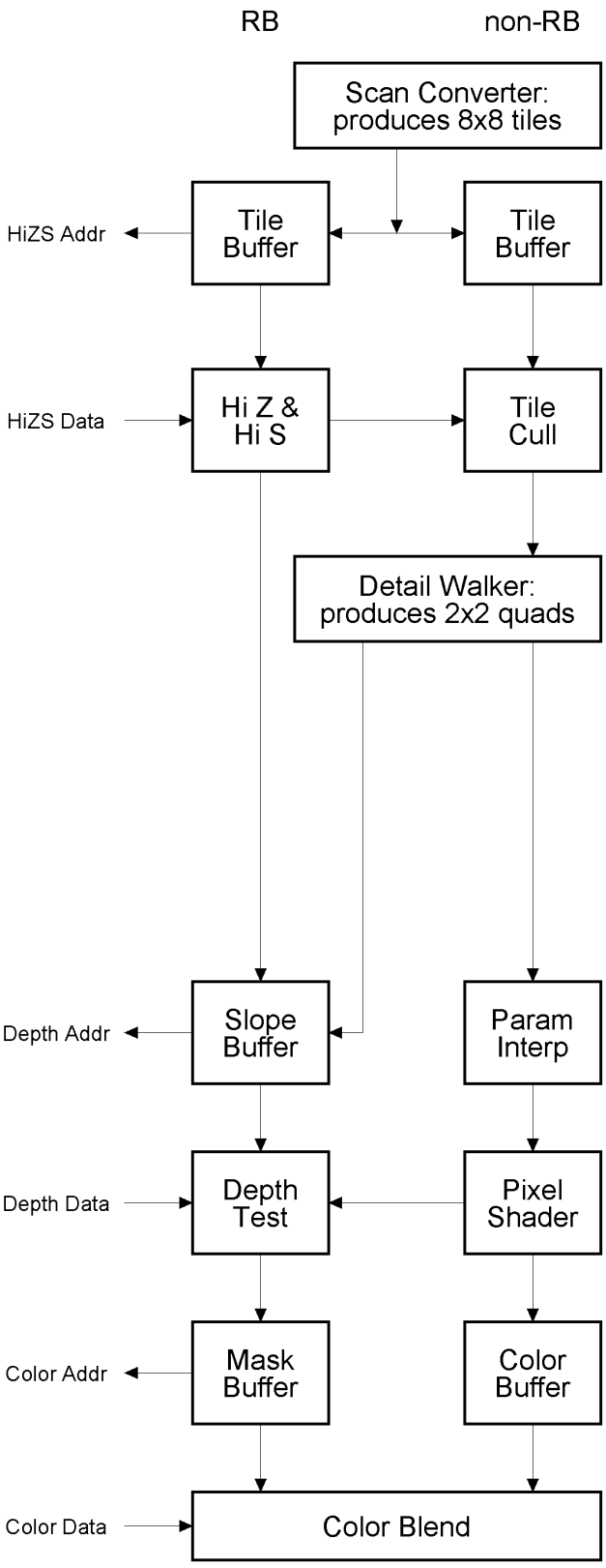

AMD CONFIDENTIAL BUSINESS INFORMATION - SUBJECT TO THE PROTECTIVE ORDER 

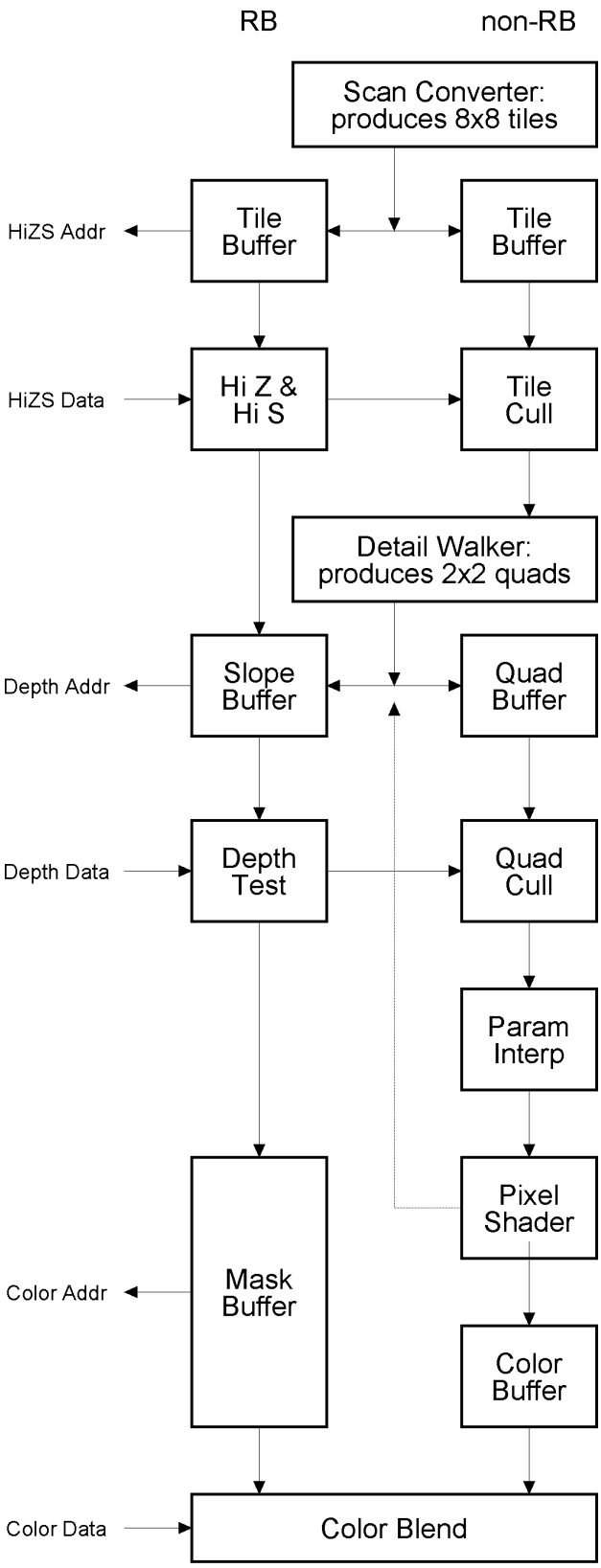


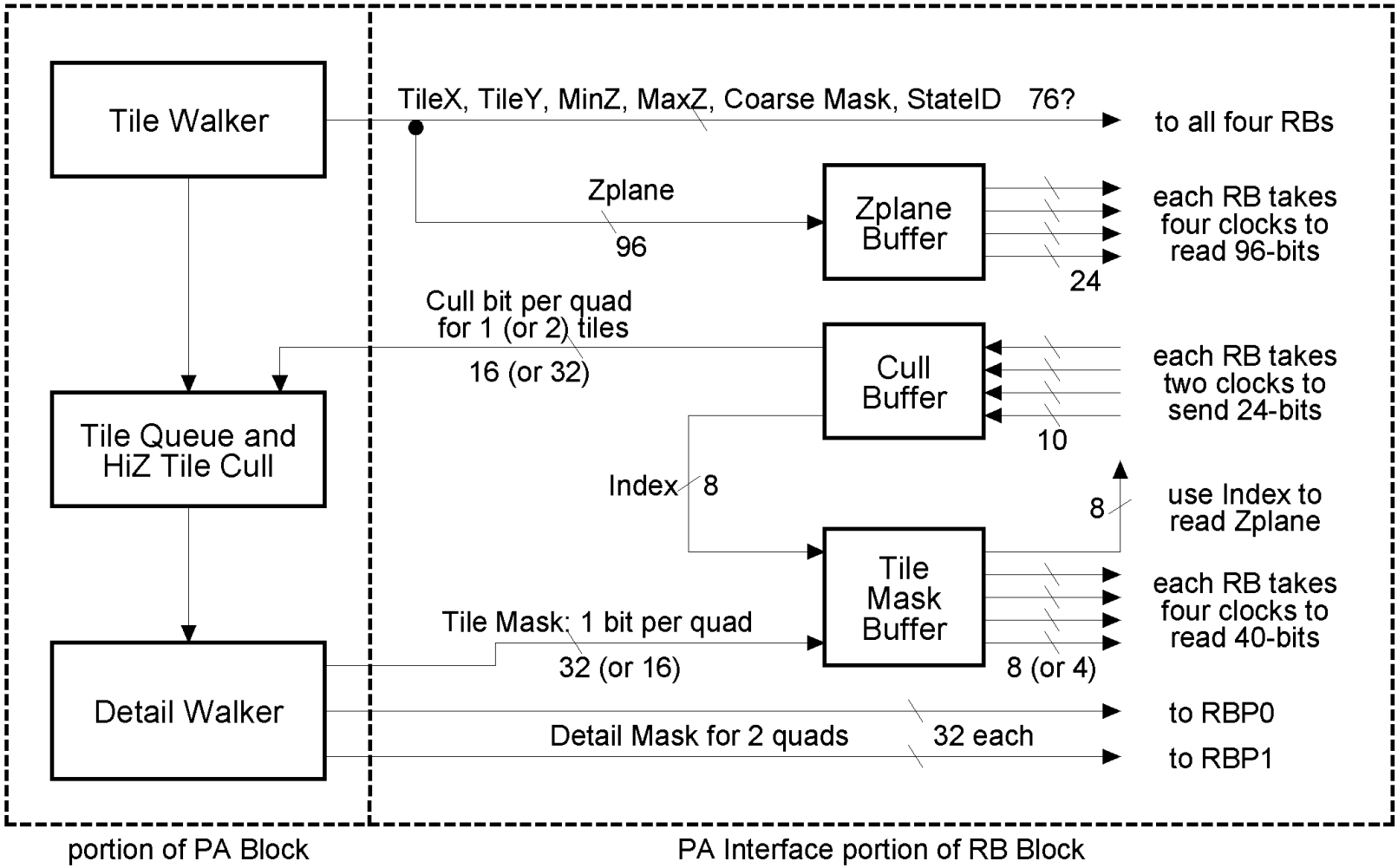

AMD CONFIDENTIAL BUSINESS INFORMATION - SUBJECT TO THE PROTECTIVE ORDER AMD1044_0190619



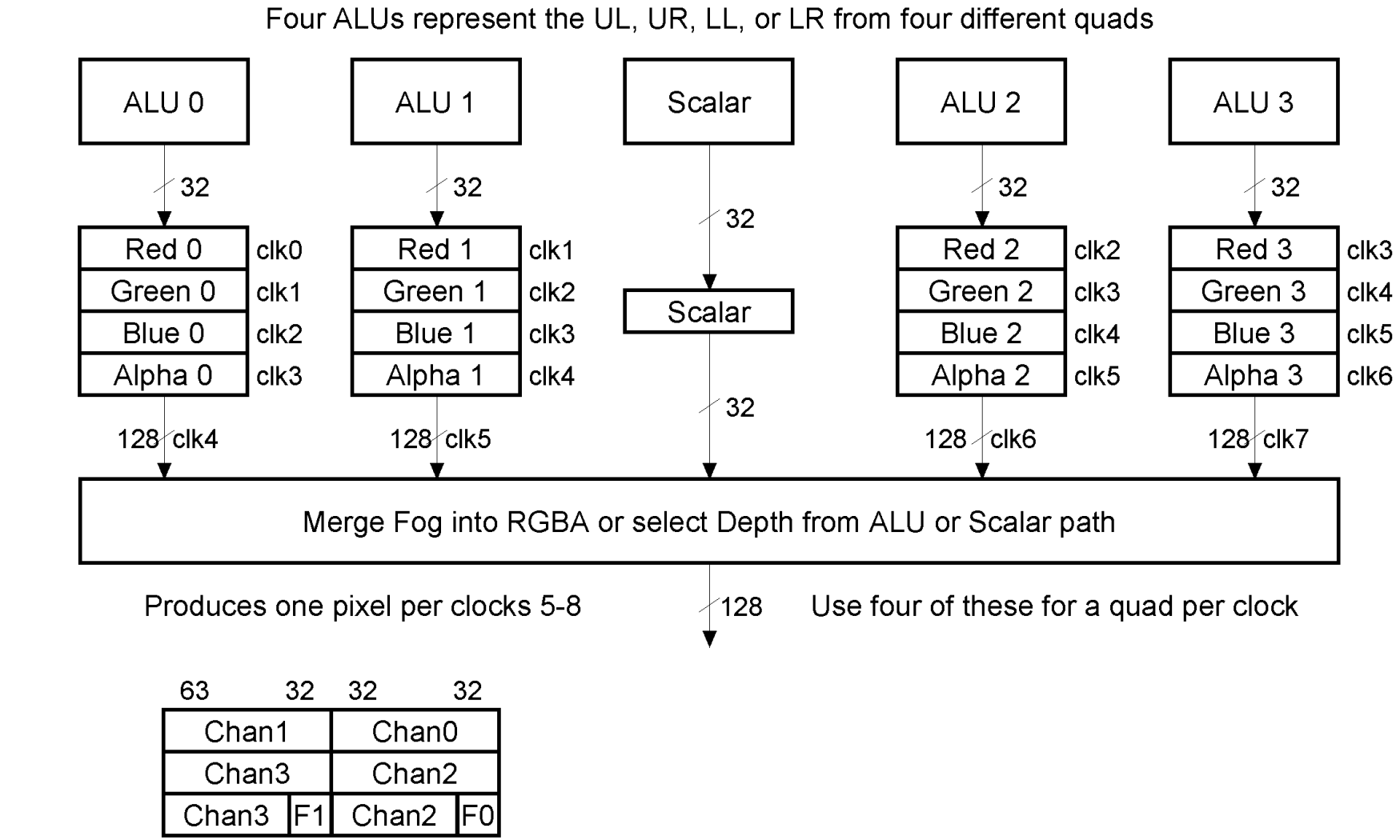

AMD CONFIDENTIAL BUSINESS INFORMATION - SUBJECT TO THE PROTECTIVE ORDER AMD1044_0190620


RB
non-RB
Scan Converter: produces 8x8 tiles
HiZS Addr
Tile Buffer
Tile Buffer
HiZS Data
Hi Z & Hi S
Tile Cull
Detail Walker: produces 2x2 quads
Depth Addr
Slope Buffer
Param Interp
Depth Data
Depth Test
Pixel Shader
Color Addr
Mask Buffer
Color Buffer
Color Data
Color Blend

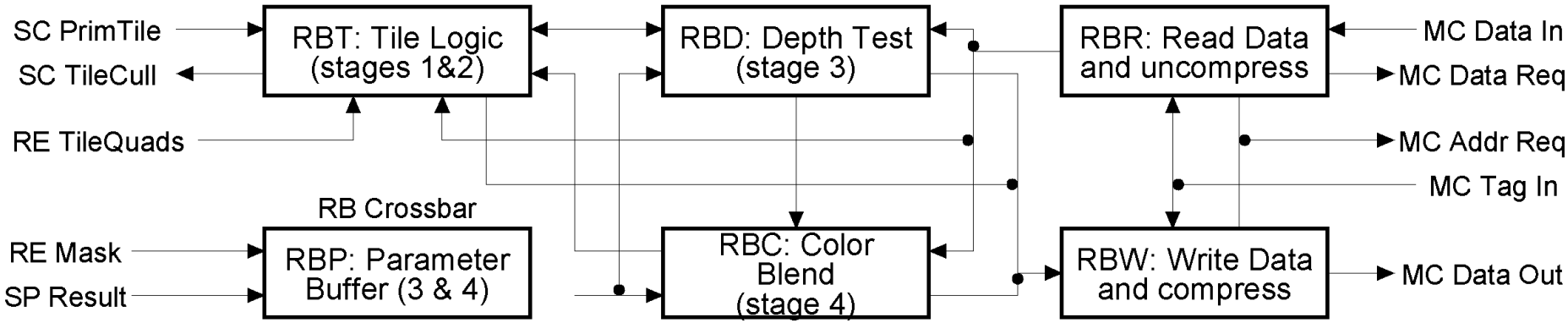

RB
non-RB
Scan Converter: produces 8x8 tiles
HiZS Addr
Tile Buffer
Tile Buffer
HiZS Data
Hi Z & Hi S
Tile Cull
Detail Walker: produces 2x2 quads
Depth Addr
Slope Buffer
Quad Buffer
Depth Data
Depth Test
Quad Cull
Param Interp
Pixel Shader
Color Addr
Mask Buffer
Color Buffer
Color Data
Color Blend



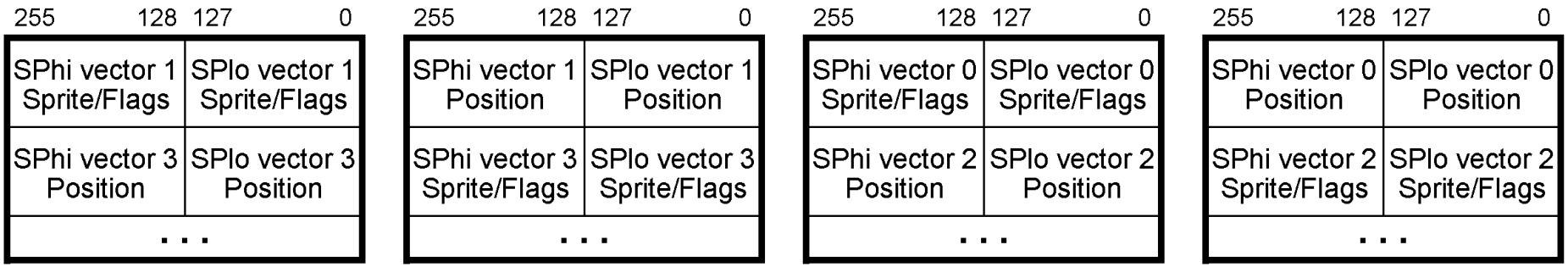

AMD CONFIDENTIAL BUSINESS INFORMATION - SUBJECT TO THE PROTECTIVE ORDER AMD1044_0190622




AMD CONFIDENTIAL BUSINESS INFORMATION - SUBJECT TO THE PROTECTIVE ORDER

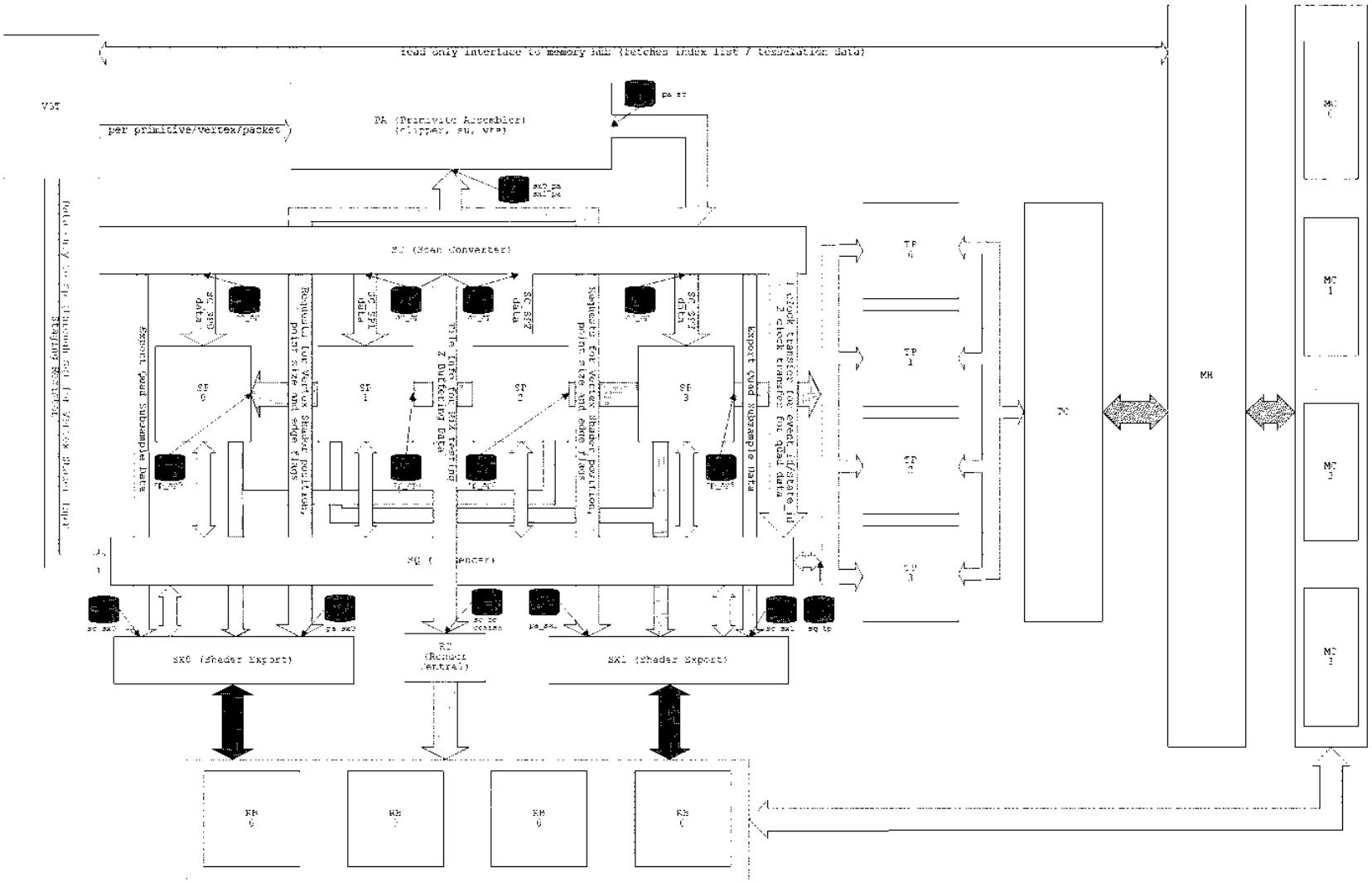



AMD CONFIDENTIAL BUSINESS INFORMATION - SUBJECT TO THE PROTECTIVE ORDER AMD1044_0190624




AMD CONFIDENTIAL BUSINESS INFORMATION - SUBJECT TO THE PROTECTIVE ORDER AMD1044_0190625

# R400 Graphics Pipeline




AMD CONFIDENTIAL BUSINESS INFORMATION - SUBJECT TO THE PROTECTIVE ORDER

```
+-------------------------------------------------------------------------------------------
-----------------------------------+
+ R400 EMU TEST REGRESS HISTORY Wed Jan 22 06:59:09 2003
+-------------------------------------------------------------------------------------------
-----------------------------------+
+ No  Test Name                                          Emu Time Sync  Status
LastPass FailReason          MostRecentPath +
+-------------------------------------------------------------------------------------------
-----------------------------------+
    1 r400sc_rts_01                                     00:00:29 77444 FAIL
FailReason: cmp file missing

    2 r400sc_pinwheel_03                                00:01:41 77444 PASS    77444
                  \\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_pinwheel_03

    3 r400sc_pkr_row_wrap_disable_rts_01                00:00:29 77444 FAIL
r400sc_pkr_row_wrap_
    4 r400sc_vtx_and_pix_pipe_disable_combos_05         00:05:20 77444 FAIL
compare mismatch **
    5 r400sc_vtx_pipe_disable_0101_01                   00:00:13 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_vtx_pipe_disable_0101_01

    6 r400sc_vtx_pipe_disable_0100_01                   00:00:12 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_vtx_pipe_disable_0100_01

    7 r400sc_vtx_and_pix_pipe_disable_rnd_combos_01     00:00:49 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_vtx_and_pix_pipe_disable_rnd_comb
os_01
    8 r400sc_vtx_and_pix_pipe_disable_rnd_combos_02     00:00:26 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_vtx_and_pix_pipe_disable_rnd_comb
os_02
    9 r400sc_vtx_pipe_disable_combos_01                 00:00:47 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_vtx_pipe_disable_combos_01

   10 r400sc_vtx_and_pix_pipe_disable_combos_01         00:00:49 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_vtx_and_pix_pipe_disable_combos_0
1
   11 r400sc_pix_pipe_disable_combos_01                 00:00:47 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_pix_pipe_disable_combos_01

   12 r400sc_vtx_pipe_disable_combos_02                 00:00:23 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_vtx_pipe_disable_combos_02

   13 r400sc_vtx_and_pix_pipe_disable_combos_02         00:00:28 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_vtx_and_pix_pipe_disable_combos_0
2
   14 r400sc_pix_pipe_disable_combos_02                 00:00:25 77444 PASS    77444
```

```
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_pix_pipe_disable_combos_02

   15 r400sc_vtx_pipe_disable_combos_03                  00:00:30 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_vtx_pipe_disable_combos_03

   16 r400sc_vtx_and_pix_pipe_disable_combos_03          00:00:37 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_vtx_and_pix_pipe_disable_combos_0
3
   17 r400sc_vtx_and_pix_pipe_disable_combos_04          00:09:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_vtx_and_pix_pipe_disable_combos_0
4
   18 r400sc_pix_pipe_disable_combos_03                  00:00:37 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_pix_pipe_disable_combos_03

   19 r400sc_centers_and_centroids_state_switching_01    00:00:12 77444 FAIL
compare mismatch **
   20 r400sc_msaa_8_simple_triangle_01                   00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_msaa_8_simple_triangle_01

   21 r400sc_viz_query_02                                00:00:20 77444 PASS    77444
                  \\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_viz_query_02

   22 r400sc_pipe_disable_v0_p0_01                       00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_pipe_disable_v0_p0_01

   23 r400sc_pipe_disable_v01_p01_01                     00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_pipe_disable_v01_p01_01

   24 r400sc_pipe_disable_v2_p2_01                       00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_pipe_disable_v2_p2_01

   25 r400sc_pipe_disable_v02_p02_01                     00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_pipe_disable_v02_p02_01

   26 r400sc_pipe_disable_v12_p12_01                     00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_pipe_disable_v12_p12_01

   27 r400sc_pipe_disable_v012_p012_01                   00:00:11 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_pipe_disable_v012_p012_01

   28 r400sc_pipe_disable_v3_p3_01                       00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_pipe_disable_v3_p3_01

   29 r400sc_pipe_disable_v03_p03_01                     00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_pipe_disable_v03_p03_01

   30 r400sc_pipe_disable_v13_p13_01                     00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_pipe_disable_v13_p13_01
```

```
   31 r400sc_pipe_disable_v013_p013_01                    00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_pipe_disable_v013_p013_01

   32 r400sc_pipe_disable_v23_p23_01                      00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_pipe_disable_v23_p23_01

   33 r400sc_pipe_disable_v023_p023_01                    00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_pipe_disable_v023_p023_01

   34 r400sc_pipe_disable_v123_p123_01                    00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_pipe_disable_v123_p123_01

   35 r400sc_simple_register_indirect                     00:00:08 77444 FAIL
gold or cmp file mis
   36 r400sc_simple_triangle_01                           00:00:10 77444 FAIL
compare mismatch **
   37 r400sc_fifo_sizing_01                               00:00:21 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_fifo_sizing_01

   38 r400sc_clip_vtx_reorder_01                          00:00:33 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_clip_vtx_reorder_01

   39 r400sc_pipes_2_3_disabled_01                        00:00:14 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_pipes_2_3_disabled_01

   40 r400sc_pkr_row_wrap_disable_01                      00:00:29 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_pkr_row_wrap_disable_01

   41 r400sc_pkr_row_wrap_disable_02                      00:01:14 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_pkr_row_wrap_disable_02

   42 r400sc_pkr_row_wrap_disable_03                      00:01:30 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_pkr_row_wrap_disable_03

   43 r400sc_pkr_row_wrap_disable_04                      00:01:30 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_pkr_row_wrap_disable_04

   44 r400sc_pkr_row_wrap_disable_05                      00:02:01 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_pkr_row_wrap_disable_05

   45 r400sc_quad_order_enable_01                         00:00:16 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_quad_order_enable_01

   46 r400sc_one_quad_per_clock_enable_01                 00:00:17 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_one_quad_per_clock_enable_01

   47 r400sc_pix_pipes_2_3_disabled_01                    00:00:13 77444 PASS    77444
```

```
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_pix_pipes_2_3_disabled_01

   48 r400sc_persp_corr_disable_01                      00:00:11 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_persp_corr_disable_01

   49 r400sc_max_line_width_01                          00:00:54 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_max_line_width_01

   50 r400sc_max_line_width_02                          00:00:54 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_max_line_width_02

   51 r400sc_hw_coords_01                               00:00:10 77444 PASS    77444
                  \\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_hw_coords_01

   52 r400sc_hw_coords_02                               00:00:11 77444 PASS    77444
                  \\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_hw_coords_02

   53 r400sc_hw_coords_03                               00:00:10 77444 PASS    77444
                  \\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_hw_coords_03

   54 r400sc_hw_coords_04                               00:00:12 77444 PASS    77444
                  \\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_hw_coords_04

   55 r400sc_hw_coords_05                               00:00:33 77444 PASS    77444
                  \\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_hw_coords_05

   56 r400sc_baryc_01                                   00:00:23 77444 PASS    77444
                  \\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_baryc_01

   57 r400sc_baryc_02                                   00:00:12 77444 PASS    77444
                  \\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_baryc_02

   58 r400sc_bres_cntl_01                               00:00:11 77444 PASS    77444
                  \\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_bres_cntl_01

   59 r400sc_bres_cntl_02                               00:00:21 77444 PASS    77444
                  \\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_bres_cntl_02

   60 r400sc_bres_cntl_03                               00:00:21 77444 PASS    77444
                  \\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_bres_cntl_03

   61 r400sc_bres_cntl_04                               00:00:23 77444 PASS    77444
                  \\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_bres_cntl_04

   62 r400sc_bres_cntl_w2k_01                           00:00:12 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_bres_cntl_w2k_01

   63 r400sc_bres_cntl_w9x_01                           00:00:11 77444 PASS    77444
```

```
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_bres_cntl_w9x_01

   64 r400sc_clip_rect_01                                00:00:15 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_clip_rect_01

   65 r400sc_clip_rect_02                                00:00:16 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_clip_rect_02

   66 r400sc_clip_rect_03                                00:00:15 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_clip_rect_03

   67 r400sc_clip_rect_04                                00:00:15 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_clip_rect_04

   68 r400sc_clip_rect_fc_01                             00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_clip_rect_fc_01

   69 r400sc_clipped_triangle_polymode_line_stippled_01  00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_clipped_triangle_polymode_line_st
ippled_01
   70 r400sc_diamond_exit_01                             00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_diamond_exit_01

   71 r400sc_diamond_exit_02                             00:00:10 77444 PASS    77444
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   72 r400sc_diamond_exit_03                             00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_diamond_exit_03

   73 r400sc_diamond_exit_04                             00:00:10 77444 PASS    77444
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   74 r400sc_diamond_exit_05                             00:00:10 77444 PASS    77444
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   75 r400sc_jss_1x1_primtypes_01                        00:00:15 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_jss_1x1_primtypes_01

   76 r400sc_jss_1x2_01                                  00:00:11 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_jss_1x2_01

   77 r400sc_jss_1x2_02                                  00:00:11 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_jss_1x2_02

   78 r400sc_jss_1x2_primtypes_01                        00:00:14 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_jss_1x2_primtypes_01

   79 r400sc_jss_1x3_01                                  00:00:11 77444 PASS    77444
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                  \\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_jss_1x3_01

   80 r400sc_jss_1x3_02                                00:00:11 77444 PASS    77444
                  \\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_jss_1x3_02

   81 r400sc_jss_1x3_primtypes_01                      00:00:14 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_jss_1x3_primtypes_01

   82 r400sc_jss_1x4_01                                00:00:11 77444 PASS    77444
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   83 r400sc_jss_1x4_02                                00:00:12 77444 PASS    77444
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   84 r400sc_jss_1x4_primtypes_01                      00:00:15 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_jss_1x4_primtypes_01

   85 r400sc_jss_2x1_01                                00:00:10 77444 PASS    77444
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   86 r400sc_jss_2x1_02                                00:00:11 77444 PASS    77444
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   87 r400sc_jss_2x1_primtypes_01                      00:00:14 77444 PASS    77444
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   88 r400sc_jss_2x2_01                                00:00:10 77444 PASS    77444
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   89 r400sc_jss_2x2_02                                00:00:12 77444 PASS    77444
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   90 r400sc_jss_2x2_primtypes_01                      00:00:14 77444 PASS    77444
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   92 r400sc_jss_2x3_02                                00:00:13 77444 PASS    77444
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   93 r400sc_jss_2x3_primtypes_01                      00:00:14 77444 PASS    77444
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   94 r400sc_jss_2x4_01                                00:00:10 77444 PASS    77444
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   95 r400sc_jss_2x4_02                                00:00:13 77444 PASS    77444
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   96 r400sc_jss_2x4_primtypes_01                          00:00:15 77444 PASS    77444
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   97 r400sc_jss_3x1_01                                    00:00:10 77444 PASS    77444
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   98 r400sc_jss_3x1_02                                    00:00:12 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_jss_3x1_02

   99 r400sc_jss_3x1_primtypes_01                          00:00:14 77444 PASS    77444
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  100 r400sc_jss_3x2_01                                    00:00:10 77444 PASS    77444
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  101 r400sc_jss_3x2_02                                    00:00:13 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_jss_3x2_02

  102 r400sc_jss_3x2_primtypes_01                          00:00:15 77444 PASS    77444
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  103 r400sc_jss_3x3_01                                    00:00:11 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_jss_3x3_01

  104 r400sc_jss_3x3_02                                    00:00:14 77444 PASS    77444
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  105 r400sc_jss_3x3_primtypes_01                          00:00:14 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_jss_3x3_primtypes_01

  106 r400sc_jss_3x4_01                                    00:00:11 77444 PASS    77444
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  107 r400sc_jss_3x4_02                                    00:00:10 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_jss_3x4_02

  108 r400sc_jss_3x4_03                                    00:00:16 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_jss_3x4_03

  109 r400sc_jss_3x4_primtypes_01                          00:00:15 77444 PASS    77444
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  110 r400sc_jss_4x1_01                                    00:00:11 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_jss_4x1_01

  111 r400sc_jss_4x1_02                                    00:00:12 77444 PASS    77444
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                    \\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_jss_4x1_02

  112 r400sc_jss_4x1_primtypes_01                         00:00:14 77444 PASS    77444
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  113 r400sc_jss_4x2_01                                   00:00:11 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_jss_4x2_01

  114 r400sc_jss_4x2_02                                   00:00:14 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_jss_4x2_02

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  116 r400sc_jss_4x3_01                                   00:00:11 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_jss_4x3_01

  117 r400sc_jss_4x3_02                                   00:00:16 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_jss_4x3_02

  118 r400sc_jss_4x3_primtypes_01                         00:00:14 77444 PASS    77444
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  119 r400sc_jss_4x4_01                                   00:00:10 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_jss_4x4_01

  120 r400sc_jss_4x4_02                                   00:00:18 77444 PASS    77444
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  121 r400sc_jss_4x4_03                                   00:00:10 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_jss_4x4_03

  122 r400sc_jss_4x4_aa_mask_01                           00:00:18 77444 PASS    77444
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  123 r400sc_jss_4x4_aa_mask_02                           00:01:08 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_jss_4x4_aa_mask_02

  124 r400sc_jss_4x4_fc_01                                00:00:11 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_jss_4x4_fc_01

  125 r400sc_jss_4x4_fc_02                                00:00:13 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_jss_4x4_fc_02

  126 r400sc_jss_4x4_max_dist_01                          00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_jss_4x4_max_dist_01

  127 r400sc_jss_4x4_primtypes_01                         00:00:14 77444 PASS    77444
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\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_jss_4x4_primtypes_01

128 r400sc_line_dx10_eq_0_01 00:00:10 77444 PASS 77444
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129 r400sc_line_dx10_ge_0_01 00:00:10 77444 PASS 77444
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130 r400sc_line_dx10_lt_0_01 00:00:10 77444 PASS 77444
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131 r400sc_line_dy10_eq_0_01 00:00:10 77444 PASS 77444
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132 r400sc_line_dy10_ge_0_01 00:00:10 77444 PASS 77444
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133 r400sc_line_dy10_lt_0_01 00:00:10 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_line_dy10_lt_0_01

134 r400sc_line_expand_width_msaa_8_01 00:00:14 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_line_expand_width_msaa_8_01

135 r400sc_line_expand_width_msaa_8_02 00:00:14 77444 PASS 77444
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136 r400sc_line_expand_width_msaa_8_03 00:00:14 77444 PASS 77444
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137 r400sc_line_jss_3x4_01 00:00:11 77444 PASS 77444
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138 r400sc_line_list_01 00:00:10 77444 PASS 77444
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139 r400sc_line_list_02 00:00:10 77444 PASS 77444
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140 r400sc_line_list_03 00:00:54 77444 PASS 77444
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141 r400sc_line_list_04 00:01:00 77444 PASS 77444
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142 r400sc_line_list_05 00:00:12 77444 PASS 77444
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143 r400sc_line_list_06 00:00:14 77444 PASS 77444

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144 r400sc_line_list_07 00:00:14 77444 PASS 77444
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145 r400sc_line_list_08 00:00:13 77444 PASS 77444
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146 r400sc_line_list_09 00:00:11 77444 PASS 77444
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147 r400sc_line_list_10 00:00:12 77444 PASS 77444
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148 r400sc_line_list_11 00:00:11 77444 PASS 77444
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149 r400sc_line_list_12 00:00:11 77444 PASS 77444
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150 r400sc_line_list_13 00:00:11 77444 PASS 77444
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151 r400sc_line_list_14 00:00:11 77444 PASS 77444
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152 r400sc_line_list_15 00:00:11 77444 PASS 77444
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153 r400sc_line_list_16 00:00:10 77444 PASS 77444
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154 r400sc_line_list_17 00:00:11 77444 PASS 77444
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155 r400sc_line_list_18 00:00:11 77444 PASS 77444
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156 r400sc_line_list_concentric_circle_01 00:00:14 77444 PASS 77444
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157 r400sc_line_list_concentric_circle_02 00:00:15 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_line_list_concentric_circle_02

158 r400sc_line_list_concentric_circle_03 00:00:16 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_line_list_concentric_circle_03

159 r400sc_line_list_textured_01 00:00:10 77444 PASS 77444

\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_line_list_textured_01

160 r400sc_line_list_verify_st_01 00:00:10 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_line_list_verify_st_01

161 r400sc_line_msaa_8_01 00:00:10 77444 PASS 77444
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162 r400sc_line_msaa_8_textured_01 00:00:15 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_line_msaa_8_textured_01

163 r400sc_line_msaa_8_textured_fc_01 00:00:12 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_line_msaa_8_textured_fc_01

164 r400sc_line_stipple_01 00:00:10 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_line_stipple_01

165 r400sc_line_stipple_02 00:00:09 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_line_stipple_02

166 r400sc_line_stipple_03 00:00:09 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_line_stipple_03

167 r400sc_line_stipple_04 00:00:10 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_line_stipple_04

168 r400sc_line_stipple_05 00:00:09 77444 PASS 77444
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169 r400sc_line_stipple_06 00:00:10 77444 PASS 77444
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170 r400sc_line_stipple_07 00:00:16 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_line_stipple_07

171 r400sc_line_stipple_08 00:00:16 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_line_stipple_08

172 r400sc_line_stipple_09 00:00:16 77444 PASS 77444
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173 r400sc_line_stipple_10 00:00:12 77444 PASS 77444
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174 r400sc_line_stipple_11 00:00:12 77444 PASS 77444
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175 r400sc_line_stipple_12 00:00:12 77444 PASS 77444

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176 r400sc_line_stipple_13 00:00:13 77444 PASS 77444
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177 r400sc_line_stipple_14 00:00:12 77444 PASS 77444
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178 r400sc_line_stipple_15 00:00:19 77444 PASS 77444
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179 r400sc_line_stipple_16 00:00:19 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_line_stipple_16

180 r400sc_line_stipple_17 00:00:22 77444 PASS 77444
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181 r400sc_line_stipple_18 00:00:14 77444 PASS 77444
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182 r400sc_line_stipple_19 00:00:23 77444 PASS 77444
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183 r400sc_line_stipple_20 00:00:22 77444 PASS 77444
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184 r400sc_line_stipple_21 00:00:22 77444 PASS 77444
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185 r400sc_line_stipple_22 00:00:21 77444 PASS 77444
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186 r400sc_line_stipple_23 00:00:22 77444 PASS 77444
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187 r400sc_line_stipple_fc_08 00:00:11 77444 PASS 77444
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188 r400sc_line_strip_stipple_01 00:00:10 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_line_strip_stipple_01

189 r400sc_msaa_1_01 00:00:15 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_msaa_1_01

190 r400sc_msaa_1_primtypes_01 00:00:13 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_msaa_1_primtypes_01

191 r400sc_msaa_1_rectangle_list_01 00:00:10 77444 PASS 77444

\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_msaa_1_rectangle_list_01

  192 r400sc_msaa_1_rectangle_list_02                    00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_msaa_1_rectangle_list_02

  193 r400sc_msaa_1_rectangle_list_03                    00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_msaa_1_rectangle_list_03

  194 r400sc_msaa_1_rectangle_list_04                    00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_msaa_1_rectangle_list_04

  195 r400sc_msaa_1_rectangle_list_05                    00:00:09 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_msaa_1_rectangle_list_05

  196 r400sc_msaa_1_rectangle_list_06                    00:00:09 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_msaa_1_rectangle_list_06

  197 r400sc_msaa_1_rectangle_list_07                    00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_msaa_1_rectangle_list_07

  198 r400sc_msaa_1_rectangle_list_08                    00:00:09 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_msaa_1_rectangle_list_08

  199 r400sc_msaa_1_zbuffer_rectangle_list_01            00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_msaa_1_zbuffer_rectangle_list_01

  200 r400sc_msaa_1_zbuffer_rectangle_list_02            00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_msaa_1_zbuffer_rectangle_list_02

  201 r400sc_msaa_2_primtypes_01                         00:00:13 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_msaa_2_primtypes_01

  202 r400sc_msaa_2_rectangle_list_01                    00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_msaa_2_rectangle_list_01

  203 r400sc_msaa_2_rectangle_list_02                    00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_msaa_2_rectangle_list_02

  204 r400sc_msaa_2_rectangle_list_03                    00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_msaa_2_rectangle_list_03

  205 r400sc_msaa_2_rectangle_list_04                    00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_msaa_2_rectangle_list_04

  206 r400sc_msaa_2_rectangle_list_05                    00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_msaa_2_rectangle_list_05

  207 r400sc_msaa_2_rectangle_list_06                    00:00:10 77444 PASS    77444

\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_msaa_2_rectangle_list_06

  208 r400sc_msaa_2_rectangle_list_07                    00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_msaa_2_rectangle_list_07

  209 r400sc_msaa_2_rectangle_list_08                    00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_msaa_2_rectangle_list_08

  210 r400sc_msaa_2_zbuffer_rectangle_list_01            00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_msaa_2_zbuffer_rectangle_list_01

  211 r400sc_msaa_2_zbuffer_rectangle_list_02            00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_msaa_2_zbuffer_rectangle_list_02

  212 r400sc_msaa_3_primtypes_01                         00:00:14 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_msaa_3_primtypes_01

  213 r400sc_msaa_3_rectangle_list_01                    00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_msaa_3_rectangle_list_01

  214 r400sc_msaa_3_rectangle_list_02                    00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_msaa_3_rectangle_list_02

  215 r400sc_msaa_3_rectangle_list_03                    00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_msaa_3_rectangle_list_03

  216 r400sc_msaa_3_rectangle_list_04                    00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_msaa_3_rectangle_list_04

  217 r400sc_msaa_3_rectangle_list_05                    00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_msaa_3_rectangle_list_05

  218 r400sc_msaa_3_rectangle_list_06                    00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_msaa_3_rectangle_list_06

  219 r400sc_msaa_3_rectangle_list_07                    00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_msaa_3_rectangle_list_07

  220 r400sc_msaa_3_rectangle_list_08                    00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_msaa_3_rectangle_list_08

  221 r400sc_msaa_3_zbuffer_rectangle_list_01            00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_msaa_3_zbuffer_rectangle_list_01

  222 r400sc_msaa_3_zbuffer_rectangle_list_02            00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_msaa_3_zbuffer_rectangle_list_02

  223 r400sc_msaa_4_01                                   00:00:14 77444 PASS    77444

\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_msaa_4_01

224 r400sc_msaa_4_primtypes_01 00:00:14 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_msaa_4_primtypes_01

225 r400sc_msaa_4_rectangle_list_01 00:00:13 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_msaa_4_rectangle_list_01

226 r400sc_msaa_4_rectangle_list_02 00:00:10 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_msaa_4_rectangle_list_02

227 r400sc_msaa_4_rectangle_list_03 00:00:10 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_msaa_4_rectangle_list_03

228 r400sc_msaa_4_rectangle_list_04 00:00:10 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_msaa_4_rectangle_list_04

229 r400sc_msaa_4_rectangle_list_05 00:00:10 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_msaa_4_rectangle_list_05

230 r400sc_msaa_4_rectangle_list_06 00:00:10 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_msaa_4_rectangle_list_06

231 r400sc_msaa_4_rectangle_list_07 00:00:10 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_msaa_4_rectangle_list_07

232 r400sc_msaa_4_rectangle_list_08 00:00:09 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_msaa_4_rectangle_list_08

233 r400sc_msaa_4_zbuffer_rectangle_list_01 00:00:10 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_msaa_4_zbuffer_rectangle_list_01

234 r400sc_msaa_4_zbuffer_rectangle_list_02 00:00:10 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_msaa_4_zbuffer_rectangle_list_02

235 r400sc_msaa_6_01 00:00:14 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_msaa_6_01

236 r400sc_msaa_6_primtypes_01 00:00:14 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_msaa_6_primtypes_01

237 r400sc_msaa_6_rectangle_list_01 00:00:10 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_msaa_6_rectangle_list_01

238 r400sc_msaa_6_rectangle_list_02 00:00:10 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_msaa_6_rectangle_list_02

239 r400sc_msaa_6_rectangle_list_03 00:00:10 77444 PASS 77444

\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_msaa_6_rectangle_list_03

240 r400sc_msaa_6_rectangle_list_04 00:00:10 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_msaa_6_rectangle_list_04

241 r400sc_msaa_6_rectangle_list_05 00:00:10 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_msaa_6_rectangle_list_05

242 r400sc_msaa_6_rectangle_list_06 00:00:10 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_msaa_6_rectangle_list_06

243 r400sc_msaa_6_rectangle_list_07 00:00:10 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_msaa_6_rectangle_list_07

244 r400sc_msaa_6_rectangle_list_08 00:00:09 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_msaa_6_rectangle_list_08

245 r400sc_msaa_6_zbuffer_rectangle_list_01 00:00:10 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_msaa_6_zbuffer_rectangle_list_01

246 r400sc_msaa_6_zbuffer_rectangle_list_02 00:00:10 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_msaa_6_zbuffer_rectangle_list_02

247 r400sc_msaa_8_01 00:00:15 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_msaa_8_01

248 r400sc_msaa_8_02 00:00:10 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_msaa_8_02

249 r400sc_msaa_8_03 00:00:10 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_msaa_8_03

250 r400sc_msaa_8_04 00:00:11 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_msaa_8_04

251 r400sc_msaa_8_05 00:00:10 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_msaa_8_05

252 r400sc_msaa_8_aa_mask_01 00:00:14 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_msaa_8_aa_mask_01

253 r400sc_msaa_8_aa_mask_02 00:00:27 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_msaa_8_aa_mask_02

254 r400sc_msaa_8_aa_mask_fc_02 00:00:12 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_msaa_8_aa_mask_fc_02

255 r400sc_msaa_8_primtypes_01 00:00:14 77444 PASS 77444

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\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_msaa_8_primtypes_01

  256 r400sc_msaa_8_rectangle_list_01                    00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_msaa_8_rectangle_list_01

  257 r400sc_msaa_8_rectangle_list_02                    00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_msaa_8_rectangle_list_02

  258 r400sc_msaa_8_rectangle_list_03                    00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_msaa_8_rectangle_list_03

  259 r400sc_msaa_8_rectangle_list_04                    00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_msaa_8_rectangle_list_04

  260 r400sc_msaa_8_rectangle_list_05                    00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_msaa_8_rectangle_list_05

  261 r400sc_msaa_8_rectangle_list_06                    00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_msaa_8_rectangle_list_06

  262 r400sc_msaa_8_rectangle_list_07                    00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_msaa_8_rectangle_list_07

  263 r400sc_msaa_8_rectangle_list_08                    00:00:09 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_msaa_8_rectangle_list_08

  264 r400sc_msaa_8_zbuffer_rectangle_list_01            00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_msaa_8_zbuffer_rectangle_list_01

  265 r400sc_msaa_8_zbuffer_rectangle_list_02            00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_msaa_8_zbuffer_rectangle_list_02

  266 r400sc_null_triangles_01                           00:00:13 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_null_triangles_01

  267 r400sc_null_triangles_fc_01                        00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_null_triangles_fc_01

  268 r400sc_packed_color_01                             00:00:12 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_packed_color_01

  269 r400sc_perf_01                                     00:00:14 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_perf_01

  270 r400sc_perf_02                                     00:00:12 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_perf_02

  271 r400sc_perf_03                                     00:00:12 77444 PASS    77444
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\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_perf_03

272 r400sc_pinwheel_01 00:00:19 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_pinwheel_01

273 r400sc_pinwheel_02 00:00:11 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_pinwheel_02

274 r400sc_point_jss_3x4_01 00:00:10 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_point_jss_3x4_01

275 r400sc_point_list_01 00:00:26 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_point_list_01

276 r400sc_point_list_02 00:00:12 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_point_list_02

277 r400sc_point_list_03 00:00:11 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_point_list_03

278 r400sc_point_list_04 00:00:25 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_point_list_04

279 r400sc_point_list_05 00:00:12 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_point_list_05

280 r400sc_point_list_06 00:00:12 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_point_list_06

281 r400sc_point_list_07 00:00:10 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_point_list_07

282 r400sc_point_list_08 00:00:10 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_point_list_08

283 r400sc_point_list_09 00:00:10 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_point_list_09

284 r400sc_point_msaa_8_01 00:00:11 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_point_msaa_8_01

285 r400sc_poly_offset_01 00:00:10 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_poly_offset_01

286 r400sc_poly_offset_02 00:00:16 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_poly_offset_02

287 r400sc_poly_offset_03 00:00:57 77444 FAIL

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compare mismatch **
  288 r400sc_poly_offset_04                          00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_poly_offset_04

  289 r400sc_poly_offset_05                          00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_poly_offset_05

  290 r400sc_poly_offset_06                          00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_poly_offset_06

  291 r400sc_poly_offset_07                          00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_poly_offset_07

  292 r400sc_poly_offset_08                          00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_poly_offset_08

  293 r400sc_poly_offset_09                          00:01:00 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_poly_offset_09

  294 r400sc_poly_offset_10                          00:01:01 77444 FAIL
gold or cmp file mis
  295 r400sc_poly_offset_fc_01                       00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_poly_offset_fc_01

  296 r400sc_polygon_stipple_01                      00:00:15 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_polygon_stipple_01

  297 r400sc_polymode_tri_fill_01                    00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_polymode_tri_fill_01

  298 r400sc_prsp_byc_intrp_ref_pix_01               00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_prsp_byc_intrp_ref_pix_01

  299 r400sc_prsp_byc_intrp_ref_pix_02               00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_prsp_byc_intrp_ref_pix_02

  300 r400sc_prsp_byc_intrp_ref_pix_03               00:00:09 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_prsp_byc_intrp_ref_pix_03

  301 r400sc_prsp_byc_intrp_ref_pix_04               00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_prsp_byc_intrp_ref_pix_04

  302 r400sc_prsp_byc_intrp_ref_pix_05               00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_prsp_byc_intrp_ref_pix_05

  303 r400sc_prsp_byc_intrp_ref_pix_06               00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_prsp_byc_intrp_ref_pix_06
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304 r400sc_prsp_byc_intrp_ref_pix_07 00:00:10 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_prsp_byc_intrp_ref_pix_07

305 r400sc_prsp_byc_intrp_ref_pix_08 00:00:10 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_prsp_byc_intrp_ref_pix_08

306 r400sc_raster_fill_rule_01 00:00:09 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_raster_fill_rule_01

307 r400sc_raster_fill_rule_02 00:00:47 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_raster_fill_rule_02

308 r400sc_raster_fill_rule_03 00:00:33 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_raster_fill_rule_03

309 r400sc_raster_fill_rule_04 00:00:20 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_raster_fill_rule_04

310 r400sc_raster_fill_rule_05 00:00:22 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_raster_fill_rule_05

311 r400sc_raster_fill_rule_07 00:00:26 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_raster_fill_rule_07

312 r400sc_raster_fill_rule_08 00:00:10 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_raster_fill_rule_08

313 r400sc_raster_fill_rule_09 00:00:26 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_raster_fill_rule_09

314 r400sc_raster_fill_rule_10 00:00:16 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_raster_fill_rule_10

315 r400sc_raster_fill_rule_11 00:00:10 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_raster_fill_rule_11

316 r400sc_raster_fill_rule_12 00:00:10 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_raster_fill_rule_12

317 r400sc_raster_fill_rule_13 00:00:10 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_raster_fill_rule_13

318 r400sc_raster_fill_rule_14 00:00:23 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_raster_fill_rule_14

319 r400sc_raster_fill_rule_15 00:00:10 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_raster_fill_rule_15

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  320 r400sc_raster_fill_rule_16                          00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_raster_fill_rule_16

  321 r400sc_raster_fill_rule_17                          00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_raster_fill_rule_17

  322 r400sc_raster_fill_rule_18                          00:00:24 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_raster_fill_rule_18

  323 r400sc_raster_fill_rule_19                          00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_raster_fill_rule_19

  324 r400sc_raster_fill_rule_20                          00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_raster_fill_rule_20

  325 r400sc_raster_fill_rule_21                          00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_raster_fill_rule_21

  326 r400sc_raster_fill_rule_22                          00:00:23 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_raster_fill_rule_22

  327 r400sc_raster_fill_rule_23                          00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_raster_fill_rule_23

  328 r400sc_raster_fill_rule_24                          00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_raster_fill_rule_24

  329 r400sc_raster_fill_rule_25                          00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_raster_fill_rule_25

  330 r400sc_raster_fill_rule_26                          00:00:22 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_raster_fill_rule_26

  331 r400sc_raster_fill_rule_fc_01                       00:00:09 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_raster_fill_rule_fc_01

  332 r400sc_rbbm_reg_read                                00:00:05 77444 FAIL
gold or cmp file mis
  333 r400sc_rectangle_list_01                            00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_rectangle_list_01

  334 r400sc_rectangle_list_02                            00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_rectangle_list_02

  335 r400sc_rectangle_list_03                            00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_rectangle_list_03

  336 r400sc_rectangle_list_04                            00:00:10 77444 PASS    77444
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\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_rectangle_list_04

337 r400sc_rectangle_list_05 00:00:10 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_rectangle_list_05

338 r400sc_rectangle_list_06 00:00:10 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_rectangle_list_06

339 r400sc_rectangle_list_07 00:00:10 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_rectangle_list_07

340 r400sc_rectangle_list_08 00:00:09 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_rectangle_list_08

341 r400sc_scissor_rect_01 00:00:14 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_scissor_rect_01

342 r400sc_scissor_rect_02 00:00:11 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_scissor_rect_02

343 r400sc_scissor_rect_03 00:00:14 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_scissor_rect_03

344 r400sc_scissor_rect_04 00:00:23 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_scissor_rect_04

345 r400sc_scissor_rect_05 00:00:14 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_scissor_rect_05

346 r400sc_scissor_rect_fc_01 00:00:10 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_scissor_rect_fc_01

347 r400sc_set_state_01 00:00:11 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_set_state_01

348 r400sc_sp_sample_cntl_01 00:00:12 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_sp_sample_cntl_01

349 r400sc_sp_sample_cntl_02 00:00:19 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_sp_sample_cntl_02

350 r400sc_sp_sample_cntl_03 00:00:30 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_sp_sample_cntl_03

351 r400sc_sp_sample_cntl_04 00:00:30 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_sp_sample_cntl_04

352 r400sc_sp_sample_cntl_05 00:00:27 77444 PASS 77444

\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_sp_sample_cntl_05

353 r400sc_sp_sample_cntl_06 00:00:30 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_sp_sample_cntl_06

354 r400sc_sp_sample_cntl_07 00:00:28 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_sp_sample_cntl_07

355 r400sc_sp_sample_cntl_08 00:00:27 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_sp_sample_cntl_08

356 r400sc_sp_sample_cntl_fc_03 00:00:12 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_sp_sample_cntl_fc_03

357 r400sc_sp_sample_cntl_fc_05 00:00:11 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_sp_sample_cntl_fc_05

358 r400sc_tri_16_par_64_dwords_01 00:00:24 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_tri_16_par_64_dwords_01

359 r400sc_tri_8textures_01 00:00:11 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_tri_8textures_01

360 r400sc_tri_8textures_02 00:00:25 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_tri_8textures_02

361 r400sc_tri_walk_start_vertex_01 00:00:20 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_tri_walk_start_vertex_01

362 r400sc_tri_walk_start_vertex_02 00:00:19 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_tri_walk_start_vertex_02

363 r400sc_tri_walk_start_vertex_03 00:00:19 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_tri_walk_start_vertex_03

364 r400sc_tri_walk_start_vertex_04 00:00:19 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_tri_walk_start_vertex_04

365 r400sc_tri_walk_start_vertex_05 00:00:19 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_tri_walk_start_vertex_05

366 r400sc_tri_walk_start_vertex_06 00:00:19 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_tri_walk_start_vertex_06

367 r400sc_tri_walk_start_vertex_07 00:00:19 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_tri_walk_start_vertex_07

368 r400sc_tri_walk_start_vertex_08 00:00:19 77444 PASS 77444

\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_tri_walk_start_vertex_08

  369 r400sc_tri_walk_start_vertex_09                    00:00:19 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_tri_walk_start_vertex_09

  370 r400sc_tri_walk_start_vertex_10                    00:00:19 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_tri_walk_start_vertex_10

  371 r400sc_tri_walk_start_vertex_11                    00:00:19 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_tri_walk_start_vertex_11

  372 r400sc_tri_walk_start_vertex_12                    00:00:20 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_tri_walk_start_vertex_12

  373 r400sc_tri_walk_start_vertex_13                    00:00:20 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_tri_walk_start_vertex_13

  374 r400sc_tri_walk_start_vertex_14                    00:00:20 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_tri_walk_start_vertex_14

  375 r400sc_tri_walk_start_vertex_15                    00:00:19 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_tri_walk_start_vertex_15

  376 r400sc_tri_walk_start_vertex_16                    00:00:19 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_tri_walk_start_vertex_16

  377 r400sc_triangle_stipple_01                         00:00:19 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_triangle_stipple_01

  378 r400sc_window_offset_01                            00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_window_offset_01

  379 r400sc_window_offset_02                            00:00:14 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_window_offset_02

  380 r400sc_window_offset_03                            00:00:12 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_window_offset_03

  381 r400sc_window_offset_04                            00:00:13 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_window_offset_04

  382 r400sc_window_offset_05                            00:00:12 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_window_offset_05

  383 r400sc_window_offset_fc_01                         00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_window_offset_fc_01

  384 r400sc_window_scis_01                              00:00:13 77444 PASS    77444

\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_window_scis_01

385 r400sc_zbuffer_line_list_01 00:00:10 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_zbuffer_line_list_01

386 r400sc_zbuffer_point_list_01 00:00:10 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_zbuffer_point_list_01

387 r400sc_zbuffer_rectangle_list_01 00:00:09 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_zbuffer_rectangle_list_01

388 r400sc_zbuffer_rectangle_list_02 00:00:10 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_zbuffer_rectangle_list_02

389 r400sc_zbuffer_rectangle_list_fc_02 00:00:10 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_zbuffer_rectangle_list_fc_02

390 r400sc_zbuffer_triangle_list_01 00:00:10 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sc_zbuffer_triangle_list_01

391 r400cl_gband_tcl_01 00:00:27 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_gband_tcl_01

392 r400cl_clip_space_dx_ogl_02 00:00:26 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_clip_space_dx_ogl_02

393 r400cl_barycentric_clip_perspective_01 00:00:15 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_barycentric_clip_perspective_01

394 r400cl_barycentric_clip_perspective_02 00:00:14 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_barycentric_clip_perspective_02

395 r400cl_barycentric_clip_perspective_03 00:00:15 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_barycentric_clip_perspective_03

396 r400cl_barycentric_clip_perspective_04 00:00:15 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_barycentric_clip_perspective_04

397 r400cl_gband_triclip_01 00:00:11 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_gband_triclip_01

398 r400cl_gband_point_01 00:00:12 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_gband_point_01

399 r400cl_edgeflags_pointFill_01 00:00:12 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_edgeflags_pointFill_01

400 r400cl_edgeflags_pointFill_02 00:00:13 77444 PASS 77444

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\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_edgeflags_pointFill_02

  401 r400cl_edgeflags_pointFill_03                      00:00:13 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_edgeflags_pointFill_03

  402 r400cl_edgeflags_pointFill_04                      00:00:13 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_edgeflags_pointFill_04

  403 r400cl_edgeflags_pointFill_05                      00:00:15 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_edgeflags_pointFill_05

  404 r400cl_edgeflags_pointFill_vertClip_06             00:00:13 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_edgeflags_pointFill_vertClip_06

  405 r400cl_edgeflags_pointFill_horzClip_06             00:00:13 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_edgeflags_pointFill_horzClip_06

  406 r400cl_edgeflags_pointFill_07                      00:00:29 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_edgeflags_pointFill_07

  407 r400cl_ucp_combo_quadstrip_01                      00:00:51 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_ucp_combo_quadstrip_01

  408 r400cl_ucp_combo_polygon_01                        00:00:48 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_ucp_combo_polygon_01

  409 r400cl_ucp_cube_02                                 00:00:13 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_ucp_cube_02

  410 r400cl_ucp_cube_01                                 00:00:11 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_ucp_cube_01

  411 r400cl_frustum_point_01                            00:00:11 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_frustum_point_01

  412 r400cl_vertex_reuse_clip_02                        00:00:58 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_vertex_reuse_clip_02

  413 r400cl_vertex_reuse_clip_03                        00:00:18 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_vertex_reuse_clip_03

  414 r400cl_point_ucp_clip_mode3_cull_enable_01         00:00:13 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_point_ucp_clip_mode3_cull_enable_
01
  415 r400cl_point_ucp_clip_mode3_cull_disable_01        00:00:13 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_point_ucp_clip_mode3_cull_disable
_01
  416 r400cl_point_ucp_clip_mode2_cull_enable_01         00:00:14 77444 PASS    77444
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\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_point_ucp_clip_mode2_cull_enable_
01
  417 r400cl_point_ucp_clip_mode2_cull_disable_01        00:00:13 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_point_ucp_clip_mode2_cull_disable
_01
  418 r400cl_point_ucp_clip_mode1_cull_disable_01        00:00:14 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_point_ucp_clip_mode1_cull_disable
_01
  419 r400cl_point_ucp_clip_mode0_cull_disable_01        00:00:12 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_point_ucp_clip_mode0_cull_disable
_01
  420 r400cl_point_gband_clip_01                         00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_point_gband_clip_01

  421 r400cl_point_frustum_clip_01                       00:00:11 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_point_frustum_clip_01

  422 r400cl_point_size_ucp_combo_01                     00:00:27 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_point_size_ucp_combo_01

  423 r400cl_frustum_LR_TB_01                            00:00:13 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_frustum_LR_TB_01

  424 r400cl_edgeflags_05                                00:00:16 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_edgeflags_05

  425 r400cl_edgeflags_06                                00:00:13 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_edgeflags_06

  426 r400cl_edgeflags_07                                00:00:30 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_edgeflags_07

  427 r400cl_cull_only_ena_02                            00:00:15 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_cull_only_ena_02

  428 r400cl_cull_only_ena_03                            00:00:15 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_cull_only_ena_03

  429 r400cl_barycentric_texture_01                      00:00:15 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_barycentric_texture_01

  430 r400cl_clip_10_verts_01                            00:00:11 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_clip_10_verts_01

  431 r400cl_clip_disable_01                             00:00:22 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_clip_disable_01

  432 r400cl_clip_space_dx_ogl_01                        00:00:10 77444 PASS    77444

\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_clip_space_dx_ogl_01

433 r400cl_clip_ucp_6bits_01 00:00:15 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_clip_ucp_6bits_01

434 r400cl_cull_only_ena_01 00:00:14 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_cull_only_ena_01

435 r400cl_edgeflags_01 00:00:12 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_edgeflags_01

436 r400cl_edgeflags_02 00:00:14 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_edgeflags_02

437 r400cl_edgeflags_03 00:00:12 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_edgeflags_03

438 r400cl_edgeflags_04 00:00:12 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_edgeflags_04

439 r400cl_edgeflags_frustum_bottom_01 00:00:12 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_edgeflags_frustum_bottom_01

440 r400cl_edgeflags_frustum_far_01 00:00:12 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_edgeflags_frustum_far_01

441 r400cl_edgeflags_frustum_left_01 00:00:13 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_edgeflags_frustum_left_01

442 r400cl_edgeflags_frustum_near_01 00:00:12 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_edgeflags_frustum_near_01

443 r400cl_edgeflags_frustum_right_01 00:00:12 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_edgeflags_frustum_right_01

444 r400cl_edgeflags_frustum_top_01 00:00:13 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_edgeflags_frustum_top_01

445 r400cl_edgeflags_gband_01 00:00:20 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_edgeflags_gband_01

446 r400cl_edgeflags_gband_bottom_01 00:00:20 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_edgeflags_gband_bottom_01

447 r400cl_edgeflags_gband_left_01 00:00:21 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_edgeflags_gband_left_01

448 r400cl_edgeflags_gband_right_01 00:00:20 77444 PASS 77444

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\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_edgeflags_gband_right_01

  449 r400cl_edgeflags_gband_top_01                      00:00:21 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_edgeflags_gband_top_01

  450 r400cl_edgeflags_texture_sample_01                 00:00:13 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_edgeflags_texture_sample_01

  451 r400cl_frustum_01                                  00:00:20 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_frustum_01

  452 r400cl_frustum_02                                  00:00:24 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_frustum_02

  453 r400cl_frustum_03                                  00:00:25 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_frustum_03

  454 r400cl_frustum_04                                  00:00:27 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_frustum_04

  455 r400cl_frustum_05                                  00:00:20 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_frustum_05

  456 r400cl_frustum_06                                  00:00:24 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_frustum_06

  457 r400cl_frustum_07                                  00:00:26 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_frustum_07

  458 r400cl_frustum_08                                  00:00:28 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_frustum_08

  459 r400cl_frustum_09                                  00:00:20 77444 PASS    77444
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  460 r400cl_frustum_10                                  00:00:25 77444 PASS    77444
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  461 r400cl_frustum_11                                  00:00:24 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_frustum_11

  462 r400cl_frustum_12                                  00:00:28 77444 PASS    77444
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  463 r400cl_frustum_13                                  00:00:21 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_frustum_13

  464 r400cl_frustum_14                                  00:00:25 77444 PASS    77444
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                \\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_frustum_14

465 r400cl_frustum_15                               00:00:25 77444 PASS    77444
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466 r400cl_frustum_16                               00:00:26 77444 PASS    77444
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467 r400cl_frustum_17                               00:00:21 77444 PASS    77444
                \\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_frustum_17

468 r400cl_frustum_18                               00:00:25 77444 PASS    77444
                \\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_frustum_18

469 r400cl_frustum_19                               00:00:24 77444 PASS    77444
                \\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_frustum_19

470 r400cl_frustum_20                               00:00:27 77444 PASS    77444
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471 r400cl_frustum_21                               00:00:21 77444 PASS    77444
                \\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_frustum_21

472 r400cl_frustum_22                               00:00:25 77444 PASS    77444
                \\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_frustum_22

473 r400cl_frustum_23                               00:00:24 77444 PASS    77444
                \\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_frustum_23

474 r400cl_frustum_24                               00:00:27 77444 PASS    77444
                \\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_frustum_24

475 r400cl_frustum_25                               00:00:19 77444 PASS    77444
                \\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_frustum_25

476 r400cl_frustum_26                               00:00:25 77444 PASS    77444
                \\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_frustum_26

477 r400cl_frustum_27                               00:00:24 77444 PASS    77444
                \\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_frustum_27

478 r400cl_frustum_28                               00:00:30 77444 PASS    77444
                \\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_frustum_28

479 r400cl_frustum_29                               00:00:18 77444 PASS    77444
                \\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_frustum_29

480 r400cl_frustum_30                               00:00:25 77444 PASS    77444
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481 r400cl_frustum_31                               00:00:25 77444 PASS    77444
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482 r400cl_frustum_32                               00:00:29 77444 PASS    77444
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483 r400cl_frustum_33                               00:00:19 77444 PASS    77444
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484 r400cl_frustum_34                               00:00:24 77444 PASS    77444
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485 r400cl_frustum_35                               00:00:25 77444 PASS    77444
                \\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_frustum_35

486 r400cl_frustum_36                               00:00:29 77444 PASS    77444
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487 r400cl_frustum_37                               00:00:20 77444 PASS    77444
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488 r400cl_frustum_38                               00:00:22 77444 PASS    77444
                \\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_frustum_38

489 r400cl_frustum_39                               00:00:23 77444 PASS    77444
                \\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_frustum_39

490 r400cl_frustum_40                               00:00:24 77444 PASS    77444
                \\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_frustum_40

491 r400cl_frustum_41                               00:00:21 77444 PASS    77444
                \\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_frustum_41

492 r400cl_frustum_42                               00:00:24 77444 PASS    77444
                \\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_frustum_42

493 r400cl_frustum_43                               00:00:24 77444 PASS    77444
                \\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_frustum_43

494 r400cl_frustum_44                               00:00:25 77444 PASS    77444
                \\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_frustum_44

495 r400cl_frustum_45                               00:00:20 77444 PASS    77444
                \\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_frustum_45

496 r400cl_frustum_46                               00:00:24 77444 PASS    77444
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                \\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_frustum_46

497 r400cl_frustum_47                               00:00:23 77444 PASS    77444
                \\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_frustum_47

498 r400cl_frustum_48                               00:00:25 77444 PASS    77444
                \\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_frustum_48

499 r400cl_frustum_49                               00:00:21 77444 PASS    77444
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500 r400cl_frustum_50                               00:00:23 77444 PASS    77444
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501 r400cl_frustum_51                               00:00:23 77444 PASS    77444
                \\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_frustum_51

502 r400cl_frustum_52                               00:00:24 77444 PASS    77444
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503 r400cl_frustum_53                               00:00:22 77444 PASS    77444
                \\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_frustum_53

504 r400cl_frustum_54                               00:00:23 77444 PASS    77444
                \\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_frustum_54

505 r400cl_frustum_55                               00:00:23 77444 PASS    77444
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506 r400cl_frustum_56                               00:00:25 77444 PASS    77444
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507 r400cl_frustum_57                               00:00:21 77444 PASS    77444
                \\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_frustum_57

508 r400cl_frustum_58                               00:00:24 77444 PASS    77444
                \\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_frustum_58

509 r400cl_frustum_59                               00:00:23 77444 PASS    77444
                \\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_frustum_59

510 r400cl_frustum_60                               00:00:24 77444 PASS    77444
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511 r400cl_frustum_61                               00:00:20 77444 PASS    77444
                \\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_frustum_61

512 r400cl_frustum_62                               00:00:24 77444 PASS    77444
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513 r400cl_frustum_63                               00:00:24 77444 PASS    77444
                \\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_frustum_63

514 r400cl_frustum_64                               00:00:25 77444 PASS    77444
                \\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_frustum_64

515 r400cl_frustum_65                               00:00:20 77444 PASS    77444
                \\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_frustum_65

516 r400cl_frustum_66                               00:00:24 77444 PASS    77444
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517 r400cl_frustum_67                               00:00:23 77444 PASS    77444
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518 r400cl_frustum_68                               00:00:25 77444 PASS    77444
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519 r400cl_frustum_69                               00:00:20 77444 PASS    77444
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520 r400cl_frustum_70                               00:00:24 77444 PASS    77444
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521 r400cl_frustum_71                               00:00:23 77444 PASS    77444
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522 r400cl_frustum_72                               00:00:25 77444 PASS    77444
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523 r400cl_frustum_76                               00:00:28 77444 PASS    77444
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524 r400cl_frustum_81                               00:00:18 77444 PASS    77444
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525 r400cl_frustum_86                               00:00:24 77444 PASS    77444
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526 r400cl_frustum_91                               00:00:22 77444 PASS    77444
                \\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_frustum_91

527 r400cl_frustum_96                               00:00:27 77444 PASS    77444
                \\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_frustum_96

528 r400cl_frustum_LFT_combos_01                    00:00:12 77444 PASS    77444
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\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_frustum_LFT_combos_01

  529 r400cl_frustum_LFT_rotated_01                    00:00:36 77444 FAIL
compare mismatch **
  530 r400cl_frustum_all_vols_lines                    00:00:12 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_frustum_all_vols_lines

  531 r400cl_frustum_all_vols_tris                     00:00:14 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_frustum_all_vols_tris

  532 r400cl_frustum_lines_01                          00:00:16 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_frustum_lines_01

  533 r400cl_frustum_lines_02                          00:00:17 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_frustum_lines_02

  534 r400cl_frustum_lines_03                          00:00:17 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_frustum_lines_03

  535 r400cl_frustum_lines_04                          00:00:19 77444 PASS    77444
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  536 r400cl_frustum_lines_05                          00:00:16 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_frustum_lines_05

  537 r400cl_frustum_lines_06                          00:00:17 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_frustum_lines_06

  538 r400cl_frustum_lines_07                          00:00:17 77444 PASS    77444
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  539 r400cl_frustum_lines_08                          00:00:19 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_frustum_lines_08

  540 r400cl_frustum_lines_09                          00:00:14 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_frustum_lines_09

  541 r400cl_frustum_lines_10                          00:00:17 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_frustum_lines_10

  542 r400cl_frustum_lines_101                         00:00:15 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_frustum_lines_101

  543 r400cl_frustum_lines_102                         00:00:16 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_frustum_lines_102

  544 r400cl_frustum_lines_103                         00:00:17 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_frustum_lines_103
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  545 r400cl_frustum_lines_104                          00:00:19 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_frustum_lines_104

  546 r400cl_frustum_lines_105                          00:00:15 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_frustum_lines_105

  547 r400cl_frustum_lines_106                          00:00:17 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_frustum_lines_106

  548 r400cl_frustum_lines_107                          00:00:16 77444 PASS    77444
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  549 r400cl_frustum_lines_108                          00:00:18 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_frustum_lines_108

  550 r400cl_frustum_lines_11                           00:00:17 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_frustum_lines_11

  551 r400cl_frustum_lines_12                           00:00:18 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_frustum_lines_12

  552 r400cl_frustum_lines_13                           00:00:15 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_frustum_lines_13

  553 r400cl_frustum_lines_14                           00:00:17 77444 PASS    77444
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  614 r400cl_gband_03                                      00:00:18 77444 PASS    77444
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  615 r400cl_gband_04                                      00:00:17 77444 PASS    77444
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  616 r400cl_gband_05                                      00:00:12 77444 PASS    77444
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  620 r400cl_gband_09                                      00:00:13 77444 PASS    77444
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626 r400cl_gband_15                                    00:00:13 77444 PASS    77444
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631 r400cl_gband_20                                    00:00:13 77444 PASS    77444
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635 r400cl_gband_24                                    00:00:17 77444 PASS    77444
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636 r400cl_gband_25                                    00:00:16 77444 PASS    77444
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637 r400cl_gband_26                                    00:00:14 77444 PASS    77444
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638 r400cl_gband_27                                    00:00:15 77444 PASS    77444
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639 r400cl_gband_28                                    00:00:16 77444 PASS    77444
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640 r400cl_gband_29                                    00:00:15 77444 PASS    77444
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  642 r400cl_gband_31                                  00:00:12 77444 PASS    77444
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  643 r400cl_gband_32                                  00:00:12 77444 PASS    77444
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  644 r400cl_gband_33                                  00:00:13 77444 PASS    77444
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  645 r400cl_gband_34                                  00:00:13 77444 PASS    77444
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  646 r400cl_gband_35                                  00:00:13 77444 PASS    77444
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  647 r400cl_gband_36                                  00:00:12 77444 PASS    77444
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  649 r400cl_point_ucp_combos_01                       00:00:14 77444 PASS    77444
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  650 r400cl_pointlist_vertex_state_ucp_01             00:00:12 77444 PASS    77444
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  652 r400cl_simple_triangle_01                        00:00:10 77444 PASS    77444
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  653 r400cl_tri_polymode_line_stipple_ucp_combos_01   00:00:15 77444 PASS    77444
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673 r400cl_ucp_combos_18 00:00:55 77444 PASS 77444
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674 r400cl_ucp_combos_19 00:00:55 77444 PASS 77444
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675 r400cl_ucp_combos_20 00:00:56 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_ucp_combos_20

676 r400cl_ucp_combos_21 00:00:55 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_ucp_combos_21

677 r400cl_ucp_combos_22 00:00:55 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_ucp_combos_22

678 r400cl_ucp_combos_23 00:00:55 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_ucp_combos_23

679 r400cl_ucp_combos_24 00:00:55 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_ucp_combos_24

680 r400cl_ucp_combos_25 00:00:56 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_ucp_combos_25

681 r400cl_ucp_combos_26 00:00:56 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_ucp_combos_26

682 r400cl_ucp_combos_27 00:00:55 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_ucp_combos_27

683 r400cl_ucp_combos_28 00:00:56 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_ucp_combos_28

684 r400cl_ucp_combos_29 00:00:55 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_ucp_combos_29

685 r400cl_ucp_combos_30 00:00:55 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_ucp_combos_30

686 r400cl_ucp_combos_31 00:00:56 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_ucp_combos_31

687 r400cl_ucp_combos_32 00:00:55 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_ucp_combos_32

688 r400cl_ucp_combos_33 00:00:56 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_ucp_combos_33

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  689 r400cl_ucp_combos_34                              00:00:55 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_ucp_combos_34

  690 r400cl_ucp_combos_35                              00:00:56 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_ucp_combos_35

  691 r400cl_ucp_combos_36                              00:00:55 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_ucp_combos_36

  692 r400cl_ucp_combos_37                              00:00:55 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_ucp_combos_37

  693 r400cl_ucp_combos_38                              00:00:55 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_ucp_combos_38

  694 r400cl_ucp_combos_39                              00:00:56 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_ucp_combos_39

  695 r400cl_ucp_combos_40                              00:00:55 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_ucp_combos_40

  696 r400cl_ucp_combos_41                              00:00:55 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_ucp_combos_41

  697 r400cl_ucp_combos_42                              00:00:56 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_ucp_combos_42

  698 r400cl_ucp_combos_43                              00:00:55 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_ucp_combos_43

  699 r400cl_ucp_combos_44                              00:00:55 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_ucp_combos_44

  700 r400cl_ucp_combos_45                              00:00:55 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_ucp_combos_45

  701 r400cl_ucp_combos_46                              00:00:56 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_ucp_combos_46

  702 r400cl_ucp_combos_47                              00:00:55 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_ucp_combos_47

  703 r400cl_ucp_combos_48                              00:00:55 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_ucp_combos_48

  704 r400cl_ucp_combos_49                              00:00:55 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_ucp_combos_49
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  705 r400cl_ucp_combos_50                              00:00:55 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_ucp_combos_50

  706 r400cl_ucp_combos_51                              00:00:56 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_ucp_combos_51

  707 r400cl_ucp_combos_52                              00:00:55 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_ucp_combos_52

  708 r400cl_ucp_combos_53                              00:00:55 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_ucp_combos_53

  709 r400cl_ucp_combos_54                              00:00:55 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_ucp_combos_54

  710 r400cl_ucp_combos_55                              00:00:55 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_ucp_combos_55

  711 r400cl_ucp_combos_56                              00:00:55 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_ucp_combos_56

  712 r400cl_ucp_combos_57                              00:00:55 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_ucp_combos_57

  713 r400cl_ucp_combos_58                              00:00:55 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_ucp_combos_58

  714 r400cl_ucp_combos_59                              00:00:55 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_ucp_combos_59

  715 r400cl_ucp_combos_60                              00:00:56 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_ucp_combos_60

  716 r400cl_ucp_combos_61                              00:00:56 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_ucp_combos_61

  717 r400cl_ucp_combos_62                              00:00:55 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_ucp_combos_62

  718 r400cl_ucp_combos_63                              00:00:56 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_ucp_combos_63

  719 r400cl_ucp_combos_64                              00:00:55 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_ucp_combos_64

  720 r400cl_ucp_pointlist_01                           00:00:18 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_ucp_pointlist_01
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  721 r400cl_vertex_reuse_clip_01                          00:00:50 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_vertex_reuse_clip_01

  722 r400cl_vtx_kill_01                                   00:00:09 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_vtx_kill_01

  723 r400cl_vtx_kill_02                                   00:00:10 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_vtx_kill_02

  724 r400cl_w_eq_0                                        00:00:10 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_w_eq_0

  725 r400cl_clip_edgeflags_frustum_corners_01             00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_clip_edgeflags_frustum_corners_01

  726 r400cl_clip_edgeflags_frustum_corners_02             00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400cl_clip_edgeflags_frustum_corners_02

  727 r400vgt_auto_index_line_list_01                      00:00:11 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_auto_index_line_list_01

  728 r400vgt_auto_index_line_loop_01                      00:00:12 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_auto_index_line_loop_01

  729 r400vgt_auto_index_line_strip_01                     00:00:11 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_auto_index_line_strip_01

  730 r400vgt_auto_index_points_01                         00:00:11 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_auto_index_points_01

  731 r400vgt_auto_index_polygon_01                        00:00:12 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_auto_index_polygon_01

  732 r400vgt_auto_index_primtypes_01                      00:00:11 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_auto_index_primtypes_01

  733 r400vgt_auto_index_quad_list_01                      00:00:12 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_auto_index_quad_list_01

  734 r400vgt_auto_index_quad_strip_01                     00:00:12 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_auto_index_quad_strip_01

  735 r400vgt_auto_index_rectangle_list_01                 00:00:13 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_auto_index_rectangle_list_01

  736 r400vgt_auto_index_tri_fan_01                        00:00:11 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_auto_index_tri_fan_01
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  737 r400vgt_auto_index_tri_list_01                    00:00:11 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_auto_index_tri_list_01

  738 r400vgt_auto_index_tri_strip_01                   00:00:12 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_auto_index_tri_strip_01

  739 r400vgt_auto_index_tri_wflags_01                  00:00:12 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_auto_index_tri_wflags_01

  740 r400vgt_dma_engine_01                             00:00:13 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_dma_engine_01

  741 r400vgt_dma_engine_02                             00:00:14 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_dma_engine_02

  742 r400vgt_dma_engine_03                             00:00:13 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_dma_engine_03

  743 r400vgt_dma_engine_04                             00:00:14 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_dma_engine_04

  744 r400vgt_dma_engine_05                             00:00:14 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_dma_engine_05

  745 r400vgt_dma_engine_06                             00:00:11 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_dma_engine_06

  746 r400vgt_dma_engine_07                             00:00:11 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_dma_engine_07

  747 r400vgt_dma_engine_08                             00:00:13 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_dma_engine_08

  748 r400vgt_dma_engine_09                             00:00:14 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_dma_engine_09

  749 r400vgt_dma_engine_10                             00:00:13 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_dma_engine_10

  750 r400vgt_dma_index_line_list_01                    00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_dma_index_line_list_01

  751 r400vgt_dma_index_line_loop_01                    00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_dma_index_line_loop_01

  752 r400vgt_dma_index_line_strip_01                   00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_dma_index_line_strip_01
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753 r400vgt_dma_index_points_01 00:00:10 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_dma_index_points_01

754 r400vgt_dma_index_polygon_01 00:00:12 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_dma_index_polygon_01

755 r400vgt_dma_index_primtypes_01 00:00:11 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_dma_index_primtypes_01

756 r400vgt_dma_index_quad_list_01 00:00:11 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_dma_index_quad_list_01

757 r400vgt_dma_index_quad_strip_01 00:00:12 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_dma_index_quad_strip_01

758 r400vgt_dma_index_rectangle_list_01 00:00:12 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_dma_index_rectangle_list_01

759 r400vgt_dma_index_tri_fan_01 00:00:12 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_dma_index_tri_fan_01

760 r400vgt_dma_index_tri_list_01 00:00:11 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_dma_index_tri_list_01

761 r400vgt_dma_index_tri_strip_01 00:00:12 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_dma_index_tri_strip_01

762 r400vgt_dma_index_tri_wflags_01 00:00:11 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_dma_index_tri_wflags_01

763 r400vgt_dma_swap_indx16_01 00:00:12 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_dma_swap_indx16_01

764 r400vgt_dma_swap_indx16_agp_01 00:00:12 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_dma_swap_indx16_agp_01

765 r400vgt_dma_swap_indx16_pci_01 00:00:12 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_dma_swap_indx16_pci_01

766 r400vgt_dma_swap_indx32_01 00:00:12 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_dma_swap_indx32_01

767 r400vgt_dma_swap_indx32_agp_01 00:00:12 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_dma_swap_indx32_agp_01

768 r400vgt_dma_swap_indx32_pci_01 00:00:12 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_dma_swap_indx32_pci_01

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  769 r400vgt_edgeflags_polygon_01                        00:00:09 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_edgeflags_polygon_01

  770 r400vgt_edgeflags_quad_list_01                      00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_edgeflags_quad_list_01

  771 r400vgt_edgeflags_quad_strip_01                     00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_edgeflags_quad_strip_01

  772 r400vgt_edgeflags_triangle_fan_01                   00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_edgeflags_triangle_fan_01

  773 r400vgt_edgeflags_triangle_list_01                  00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_edgeflags_triangle_list_01

  774 r400vgt_edgeflags_triangle_strip_01                 00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_edgeflags_triangle_strip_01

  775 r400vgt_edgeflags_triangle_wflags_01                00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_edgeflags_triangle_wflags_01

  776 r400vgt_event_handling_01                           00:00:11 77444 FAIL
compare mismatch **
  777 r400vgt_event_handling_02                           00:00:12 77444 FAIL
compare mismatch **
  778 r400vgt_event_handling_03                           00:00:20 77444 FAIL
compare mismatch **
  779 r400vgt_event_handling_04                           00:00:17 77444 FAIL
compare mismatch **
  780 r400vgt_ext2int_index_line_list_01                  00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_ext2int_index_line_list_01

  781 r400vgt_ext2int_index_line_loop_01                  00:00:11 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_ext2int_index_line_loop_01

  782 r400vgt_ext2int_index_line_strip_01                 00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_ext2int_index_line_strip_01

  783 r400vgt_ext2int_index_points_01                     00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_ext2int_index_points_01

  784 r400vgt_ext2int_index_polygon_01                    00:00:12 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_ext2int_index_polygon_01

  785 r400vgt_ext2int_index_quad_list_01                  00:00:11 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_ext2int_index_quad_list_01
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  786 r400vgt_ext2int_index_quad_strip_01                00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_ext2int_index_quad_strip_01

  787 r400vgt_ext2int_index_rectangle_list_01            00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_ext2int_index_rectangle_list_01

  788 r400vgt_ext2int_index_triangle_fan_01              00:00:13 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_ext2int_index_triangle_fan_01

  789 r400vgt_ext2int_index_triangle_list_01             00:00:13 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_ext2int_index_triangle_list_01

  790 r400vgt_ext2int_index_triangle_strip_01            00:00:11 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_ext2int_index_triangle_strip_01

  791 r400vgt_ext2int_index_triangle_wflags_01           00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_ext2int_index_triangle_wflags_01

  792 r400vgt_hos_auto_index_line_list_01                00:00:16 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_hos_auto_index_line_list_01

  793 r400vgt_hos_auto_index_quad_list_01                00:01:39 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_hos_auto_index_quad_list_01

  794 r400vgt_hos_auto_index_triangle_list_01            00:01:17 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_hos_auto_index_triangle_list_01

  795 r400vgt_hos_cubic_pos_pnt_discrete_01              00:00:26 77444 FAIL
compare mismatch **
  796 r400vgt_hos_LINE_adaptive_complex                  00:00:11 77444 FAIL
compare mismatch **
  797 r400vgt_hos_LPatch_01                              00:00:16 77444 FAIL
compare mismatch **
  798 r400vgt_hos_multi_prim_reset_index_01              00:00:11 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_hos_multi_prim_reset_index_01

  799 r400vgt_hos_PNl_adaptive_complex                   00:00:11 77444 FAIL
compare mismatch **
  800 r400vgt_hos_PNL_cp_ln_cont_no_projection_01        00:00:15 77444 FAIL
compare mismatch **
  801 r400vgt_hos_PNL_lp_ln_cont_no_projection_01        00:00:14 77444 FAIL
gold or cmp file mis
  802 r400vgt_hos_PNQ_adaptive_complex                   00:00:27 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_hos_PNQ_adaptive_complex

  803 r400vgt_hos_PNQ_cp_qn_cont_light_texture_01        00:02:27 77444 FAIL
compare mismatch **
  804 r400vgt_hos_PNQ_cp_qn_cont_light_texture_02        00:02:31 77444 FAIL
```

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compare mismatch **
  805 r400vgt_hos_PNQ_cp_qn_cont_no_projection_01        00:00:52 77444 FAIL
compare mismatch **
  806 r400vgt_hos_PNQ_lp_cont_no_projection_01           00:00:41 77444 FAIL
compare mismatch **
  807 r400vgt_hos_PNT_adaptive                          00:00:19 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_hos_PNT_adaptive

  808 r400vgt_hos_PNT_adaptive_complex                  00:02:05 77444 FAIL
compare mismatch **
  809 r400vgt_hos_PNT_cont_cp_qn_complex_01             00:02:31 77444 FAIL
gold or cmp file mis
  810 r400vgt_hos_PNT_cont_cp_qn_precision_01           00:00:31 77444 FAIL
compare mismatch **
  811 r400vgt_hos_PNT_cont_cp_qn_precision_02           00:00:43 77444 FAIL
compare mismatch **
  812 r400vgt_hos_PNT_cp_qn_cont_light_texture_01       00:00:51 77444 FAIL
gold or cmp file mis
  813 r400vgt_hos_PNT_cp_qn_cont_light_texture_02       00:00:52 77444 FAIL
gold or cmp file mis
  814 r400vgt_hos_PNT_cp_qn_cont_light_texture_03       00:00:54 77444 FAIL
gold or cmp file mis
  815 r400vgt_hos_PNT_cp_qn_cont_moving_normals_01      00:01:41 77444 FAIL
gold or cmp file mis
  816 r400vgt_hos_PNT_cp_qn_cont_no_projection_01       00:00:29 77444 FAIL
compare mismatch **
  817 r400vgt_hos_PNT_cp_qn_disc_14_04_lit_tex_proj_01  00:00:16 77444 FAIL
gold or cmp file mis
  818 r400vgt_hos_PNT_disc_cp_qn_complex_01             00:02:01 77444 FAIL
gold or cmp file mis
  819 r400vgt_hos_PNT_disc_cp_qn_light_texture_01       00:00:25 77444 FAIL
gold or cmp file mis
  820 r400vgt_hos_PNT_disc_cp_qn_no_projection_01       00:00:17 77444 FAIL
compare mismatch **
  821 r400vgt_hos_PNT_disc_cp_qn_precision_01           00:00:18 77444 FAIL
compare mismatch **
  822 r400vgt_hos_PNT_disc_cp_qn_precision_02           00:00:33 77444 FAIL
compare mismatch **
  823 r400vgt_hos_PNT_edge_detection_01                 00:01:46 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_hos_PNT_edge_detection_01

  824 r400vgt_hos_PNT_lp_cont_no_projection_01          00:00:32 77444 FAIL
compare mismatch **
  825 r400vgt_hos_PNTQL_cp_qn_cont_stress_01            00:00:55 77444 FAIL
gold or cmp file mis
  826 r400vgt_hos_RECT_adaptive_complex                 00:01:17 77444 FAIL
compare mismatch **
  827 r400vgt_hos_RPatch_cp_02                          00:02:07 77444 FAIL
```

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gold or cmp file mis
  828 r400vgt_hos_RPatch_lp_02                          00:01:53 77444 FAIL
gold or cmp file mis
  829 r400vgt_hos_RTL_stress_01                         00:01:20 77444 FAIL
gold or cmp file mis
  830 r400vgt_hos_simple_linear_PNT_discrete_01         00:00:11 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_hos_simple_linear_PNT_discrete_0
1
  831 r400vgt_hos_TPatch_01                             00:00:46 77444 FAIL
compare mismatch **
  832 r400vgt_hos_TPatch_02                             00:01:06 77444 FAIL
gold or cmp file mis
  833 r400vgt_hos_TRI_adaptive_complex                  00:00:35 77444 FAIL
compare mismatch **
  834 r400vgt_immed_index_line_list_01                  00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_immed_index_line_list_01

  835 r400vgt_immed_index_line_loop_01                  00:00:11 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_immed_index_line_loop_01

  836 r400vgt_immed_index_line_strip_01                 00:00:11 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_immed_index_line_strip_01

  837 r400vgt_immed_index_points_01                     00:00:11 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_immed_index_points_01

  838 r400vgt_immed_index_polygon_01                    00:00:13 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_immed_index_polygon_01

  839 r400vgt_immed_index_primtypes_01                  00:00:11 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_immed_index_primtypes_01

  840 r400vgt_immed_index_quad_list_01                  00:00:12 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_immed_index_quad_list_01

  841 r400vgt_immed_index_quad_strip_01                 00:00:12 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_immed_index_quad_strip_01

  842 r400vgt_immed_index_rectangle_list_01             00:00:12 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_immed_index_rectangle_list_01

  843 r400vgt_immed_index_tri_fan_01                    00:00:12 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_immed_index_tri_fan_01

  844 r400vgt_immed_index_tri_list_01                   00:00:11 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_immed_index_tri_list_01

  845 r400vgt_immed_index_tri_strip_01                  00:00:13 77444 PASS    77444
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\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_immed_index_tri_strip_01

  846 r400vgt_immed_index_tri_wflags_01                  00:00:12 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_immed_index_tri_wflags_01

  847 r400vgt_index_dealloc_line_list_01                 00:00:16 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_index_dealloc_line_list_01

  848 r400vgt_index_dealloc_points_01                    00:00:18 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_index_dealloc_points_01

  849 r400vgt_index_dealloc_triangle_list_01             00:00:26 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_index_dealloc_triangle_list_01

  850 r400vgt_index_min_max_01                           00:00:14 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_index_min_max_01

  851 r400vgt_index_min_max_02                           00:00:14 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_index_min_max_02

  852 r400vgt_index_min_max_03                           00:00:14 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_index_min_max_03

  853 r400vgt_index_min_max_04                           00:00:14 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_index_min_max_04

  854 r400vgt_index_offset_01                            00:00:13 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_index_offset_01

  855 r400vgt_index_offset_02                            00:00:14 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_index_offset_02

  856 r400vgt_index_offset_03                            00:00:14 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_index_offset_03

  857 r400vgt_index_offset_04                            00:00:13 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_index_offset_04

  858 r400vgt_index_offset_05                            00:00:14 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_index_offset_05

  859 r400vgt_index_offset_06                            00:00:14 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_index_offset_06

  860 r400vgt_index_offset_07                            00:00:13 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_index_offset_07

  861 r400vgt_index_offset_08                            00:00:14 77444 PASS    77444

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\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_index_offset_08

  862 r400vgt_index_size_01                           00:00:14 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_index_size_01

  863 r400vgt_index_size_02                           00:00:11 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_index_size_02

  864 r400vgt_index_source_switch_01                  00:00:14 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_index_source_switch_01

  865 r400vgt_line_list_01                            00:00:17 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_line_list_01

  866 r400vgt_line_list_02                            00:00:21 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_line_list_02

  867 r400vgt_line_loop_01                            00:00:18 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_line_loop_01

  868 r400vgt_line_loop_02                            00:00:22 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_line_loop_02

  869 r400vgt_line_strip_01                           00:00:17 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_line_strip_01

  870 r400vgt_line_strip_02                           00:00:21 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_line_strip_02

  871 r400vgt_local_tonemapping                       00:02:04 77444 FAIL
gold or cmp file mis
  872 r400vgt_multi_context_01                        00:00:12 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_multi_context_01

  873 r400vgt_multi_context_02                        00:00:15 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_multi_context_02

  874 r400vgt_multi_context_03                        00:00:14 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_multi_context_03

  875 r400vgt_multi_context_04                        00:00:14 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_multi_context_04

  876 r400vgt_multi_context_05                        00:00:14 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_multi_context_05

  877 r400vgt_multi_context_06                        00:00:14 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_multi_context_06
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  878 r400vgt_multi_context_07                          00:00:14 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_multi_context_07

  879 r400vgt_multi_context_08                          00:00:16 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_multi_context_08

  880 r400vgt_multi_context_09                          00:00:13 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_multi_context_09

  881 r400vgt_multi_context_10                          00:00:14 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_multi_context_10

  882 r400vgt_multi_context_11                          00:00:13 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_multi_context_11

  883 r400vgt_multi_context_12                          00:00:14 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_multi_context_12

  884 r400vgt_multi_pass_pix_shader_01                  00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_multi_pass_pix_shader_01

  885 r400vgt_multi_pass_pix_shader_02                  00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_multi_pass_pix_shader_02

  886 r400vgt_multi_pass_pix_shader_03                  00:00:11 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_multi_pass_pix_shader_03

  887 r400vgt_multi_pass_pix_shader_04                  00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_multi_pass_pix_shader_04

  888 r400vgt_multi_pass_pix_shader_05                  00:00:11 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_multi_pass_pix_shader_05

  889 r400vgt_multi_pass_pix_shader_06                  00:00:12 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_multi_pass_pix_shader_06

  890 r400vgt_multi_pass_pix_shader_07                  00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_multi_pass_pix_shader_07

  891 r400vgt_multi_pass_pix_shader_08                  00:00:12 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_multi_pass_pix_shader_08

  892 r400vgt_multi_prim_reset_index_all_01             00:00:12 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_multi_prim_reset_index_all_01

  893 r400vgt_multi_prim_reset_index_all_02             00:00:13 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_multi_prim_reset_index_all_02
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894 r400vgt_multi_prim_reset_index_all_03 00:00:13 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_multi_prim_reset_index_all_03

895 r400vgt_multi_prim_reset_index_all_04 00:00:13 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_multi_prim_reset_index_all_04

896 r400vgt_multi_prim_reset_index_all_05 00:00:13 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_multi_prim_reset_index_all_05

897 r400vgt_multi_prim_reset_index_all_06 00:00:13 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_multi_prim_reset_index_all_06

898 r400vgt_multi_prim_reset_index_all_07 00:00:13 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_multi_prim_reset_index_all_07

899 r400vgt_pass_thru_all_prims_01 00:00:11 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_pass_thru_all_prims_01

900 r400vgt_pass_thru_all_prims_02 00:00:11 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_pass_thru_all_prims_02

901 r400vgt_point_list_01 00:00:17 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_point_list_01

902 r400vgt_point_list_02 00:00:16 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_point_list_02

903 r400vgt_polygon_01 00:00:16 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_polygon_01

904 r400vgt_polygon_02 00:00:19 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_polygon_02

905 r400vgt_provoking_vtx_all_01 00:00:11 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_provoking_vtx_all_01

906 r400vgt_provoking_vtx_edgeflags_all_01 00:00:12 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_provoking_vtx_edgeflags_all_01

907 r400vgt_provoking_vtx_polygon_01 00:00:12 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_provoking_vtx_polygon_01

908 r400vgt_provoking_vtx_quad_list_01 00:00:12 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_provoking_vtx_quad_list_01

909 r400vgt_provoking_vtx_quad_strip_01 00:00:12 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_provoking_vtx_quad_strip_01

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  910 r400vgt_provoking_vtx_tri_fan_01                    00:00:11 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_provoking_vtx_tri_fan_01

  911 r400vgt_provoking_vtx_tri_strip_01                  00:00:12 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_provoking_vtx_tri_strip_01

  912 r400vgt_quad_list_01                                00:00:13 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_quad_list_01

  913 r400vgt_quad_list_02                                00:00:18 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_quad_list_02

  914 r400vgt_quad_strip_01                               00:00:14 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_quad_strip_01

  915 r400vgt_quad_strip_02                               00:00:15 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_quad_strip_02

  916 r400vgt_rbbm_reg_read                               00:00:05 77444 FAIL
gold or cmp file mis
  917 r400vgt_real_time_events_01                         00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_real_time_events_01

  918 r400vgt_real_time_events_02                         00:00:11 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_real_time_events_02

  919 r400vgt_real_time_events_03                         00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_real_time_events_03

  920 r400vgt_real_time_events_04                         00:01:05 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_real_time_events_04

  921 r400vgt_real_time_events_05                         00:01:04 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_real_time_events_05

  922 r400vgt_real_time_events_06                         00:01:05 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_real_time_events_06

  923 r400vgt_rectangle_list_01                           00:00:15 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_rectangle_list_01

  924 r400vgt_rectangle_list_02                           00:00:16 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_rectangle_list_02

  925 r400vgt_reuse_depth_line_list_01                    00:00:16 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_reuse_depth_line_list_01
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  926 r400vgt_reuse_depth_line_strip_01                  00:00:15 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_reuse_depth_line_strip_01

  927 r400vgt_reuse_depth_point_list_01                  00:00:16 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_reuse_depth_point_list_01

  928 r400vgt_reuse_depth_triangle_fan_01                00:00:17 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_reuse_depth_triangle_fan_01

  929 r400vgt_reuse_depth_triangle_list_01               00:00:19 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_reuse_depth_triangle_list_01

  930 r400vgt_reuse_depth_triangle_strip_01              00:00:18 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_reuse_depth_triangle_strip_01

  931 r400vgt_reuse_index_line_list_01                   00:00:29 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_reuse_index_line_list_01

  932 r400vgt_reuse_index_point_list_01                  00:00:21 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_reuse_index_point_list_01

  933 r400vgt_reuse_index_triangle_list_01               00:00:24 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_reuse_index_triangle_list_01

  934 r400vgt_reuse_index_triangle_list_02               00:00:12 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_reuse_index_triangle_list_02

  935 r400vgt_reuse_index_triangle_list_03               00:00:12 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_reuse_index_triangle_list_03

  936 r400vgt_simple_register_indirect                   00:00:27 77444 FAIL
gold or cmp file mis
  937 r400vgt_suppress_eop_01                            00:00:15 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_suppress_eop_01

  938 r400vgt_suppress_eop_02                            00:00:13 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_suppress_eop_02

  939 r400vgt_suppress_eop_03                            00:00:20 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_suppress_eop_03

  940 r400vgt_suppress_eop_04                            00:00:20 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_suppress_eop_04

  941 r400vgt_suppress_eop_05                            00:00:11 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_suppress_eop_05

  942 r400vgt_triangle_fan_01                            00:00:13 77444 PASS    77444
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\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_triangle_fan_01

943 r400vgt_triangle_fan_02 00:00:18 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_triangle_fan_02

944 r400vgt_triangle_list_01 00:00:15 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_triangle_list_01

945 r400vgt_triangle_list_02 00:00:17 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_triangle_list_02

946 r400vgt_triangle_strip_01 00:00:15 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_triangle_strip_01

947 r400vgt_triangle_strip_02 00:00:18 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_triangle_strip_02

948 r400vgt_triangle_wflags_01 00:00:16 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_triangle_wflags_01

949 r400vgt_triangle_wflags_02 00:00:17 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_triangle_wflags_02

950 r400vgt_viz_query_01 00:00:20 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_viz_query_01

951 r400vgt_vtx_export_very_very_simple_01 00:00:10 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_vtx_export_very_very_simple_01

952 r400vgt_vtx_export_very_very_simple_02 00:00:10 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_vtx_export_very_very_simple_02

953 r400vgt_vtx_export_very_very_simple_03 00:00:10 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_vtx_export_very_very_simple_03

954 r400vgt_vtx_export_very_very_simple_04 00:00:10 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_vtx_export_very_very_simple_04

955 r400vgt_vtx_vector_packing_01 00:00:13 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_vtx_vector_packing_01

956 r400vgt_perf_counters_events_01 00:00:18 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_perf_counters_events_01

957 r400vgt_debug_registers_01 00:00:09 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_debug_registers_01

958 r400vgt_dma_index_primtypes_02 00:00:13 77444 PASS 77444

\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_dma_index_primtypes_02

959 r400vgt_real_time_events_07 00:00:18 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vgt_real_time_events_07

960 r400su_4tri_text_offscreen_01 00:00:10 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_4tri_text_offscreen_01

961 r400su_4trilist_edges_offscreen_01 00:00:10 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_4trilist_edges_offscreen_01

962 r400su_back_face_fan_01 00:00:10 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_back_face_fan_01

963 r400su_baryc_test_01 00:00:11 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_baryc_test_01

964 r400su_baryc_test_02 00:00:11 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_baryc_test_02

965 r400su_baryc_test_03 00:00:51 77444 FAIL
compare mismatch **
966 r400su_baryc_test_04 00:00:16 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_baryc_test_04

967 r400su_baryc_test_05 00:00:13 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_baryc_test_05

968 r400su_baryc_test_06 00:00:12 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_baryc_test_06

969 r400su_baryc_test_07 00:00:13 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_baryc_test_07

970 r400su_baryc_test_08 00:00:12 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_baryc_test_08

971 r400su_clip_baryc_test_01 00:00:10 77444 FAIL
compare mismatch **
972 r400su_clip_baryc_test_02 00:00:10 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_clip_baryc_test_02

973 r400su_clip_baryc_test_03 00:00:10 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_clip_baryc_test_03

974 r400su_clip_baryc_test_04 00:00:15 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_clip_baryc_test_04

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  975 r400su_clip_baryc_test_05                          00:00:12 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_clip_baryc_test_05

  976 r400su_clip_baryc_test_06                          00:00:13 77444 FAIL
compare mismatch **
  977 r400su_clip_baryc_test_07                          00:00:13 77444 FAIL
compare mismatch **
  978 r400su_clip_baryc_test_08                          00:00:12 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_clip_baryc_test_08

  979 r400su_clip_edgeflag_polymode_01                   00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_clip_edgeflag_polymode_01

  980 r400su_clip_line_end_cap_functional_01             00:00:12 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_clip_line_end_cap_functional_01

  981 r400su_clip_pointsize_test_01                      00:00:11 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_clip_pointsize_test_01

  982 r400su_clip_pointtest_01                           00:00:14 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_clip_pointtest_01

  983 r400su_clip_pointtest_02                           00:00:13 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_clip_pointtest_02

  984 r400su_clip_pointtest_03                           00:00:13 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_clip_pointtest_03

  985 r400su_clip_pointtest_04                           00:00:14 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_clip_pointtest_04

  986 r400su_clip_polymode_random_01                     00:00:12 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_clip_polymode_random_01

  987 r400su_clip_polymode_random_02                     00:00:12 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_clip_polymode_random_02

  988 r400su_clip_polymode_test_01                       00:00:19 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_clip_polymode_test_01

  989 r400su_clip_polymode_test_02                       00:00:19 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_clip_polymode_test_02

  990 r400su_clip_polymode_test_03                       00:00:12 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_clip_polymode_test_03

  991 r400su_clip_provoking_vtx_edgeflags_triangle_01    00:00:19 77444 FAIL
compare mismatch **
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  992 r400su_clip_provoking_vtx_edgeflags_triangle_02    00:00:18 77444 FAIL
compare mismatch **
  993 r400su_clipline_01                                 00:00:12 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_clipline_01

  994 r400su_clippoint_01                                00:00:10 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_clippoint_01

  995 r400su_clipvertexsorting_01                        00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_clipvertexsorting_01

  996 r400su_clipvertexsorting_02                        00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_clipvertexsorting_02

  997 r400su_clipvertexsorting_03                        00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_clipvertexsorting_03

  998 r400su_clipvertexsorting_polymode_01               00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_clipvertexsorting_polymode_01

  999 r400su_clipvertexsorting_polymode_02               00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_clipvertexsorting_polymode_02

 1000 r400su_clipvertexsortingfunctional_01              00:00:11 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_clipvertexsortingfunctional_01

 1001 r400su_cullingfunctional_01                        00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_cullingfunctional_01

 1002 r400su_degentri_test_01                            00:00:11 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_degentri_test_01

 1003 r400su_degentri_test_02                            00:00:12 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_degentri_test_02

 1004 r400su_degentri_test_03                            00:00:11 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_degentri_test_03

 1005 r400su_degentri_test_04                            00:00:11 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_degentri_test_04

 1006 r400su_edge_flag_01                                00:00:10 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_edge_flag_01

 1007 r400su_edge_flag_02                                00:00:10 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_edge_flag_02

 1008 r400su_edgeflags_triangle_01                       00:00:18 77444 PASS    77444
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\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_edgeflags_triangle_01

 1009 r400su_edgeflags_triangle_02                        00:00:17 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_edgeflags_triangle_02

 1010 r400su_geom_sort_01                                 00:00:12 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_geom_sort_01

 1011 r400su_line_clip_end_cap_01                         00:00:12 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_line_clip_end_cap_01

 1012 r400su_line_clip_end_cap_width_functional_02        00:00:11 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_line_clip_end_cap_width_functiona
l_02
 1013 r400su_line_clip_orientation_01                     00:00:13 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_line_clip_orientation_01

 1014 r400su_line_clip_orientation_02                     00:00:14 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_line_clip_orientation_02

 1015 r400su_line_clip_x_major_01                         00:00:17 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_line_clip_x_major_01

 1016 r400su_line_end_cap_functional_01                   00:00:13 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_line_end_cap_functional_01

 1017 r400su_line_end_cap_width_functional_02             00:00:11 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_line_end_cap_width_functional_02

 1018 r400su_line_orientation_01                          00:00:13 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_line_orientation_01

 1019 r400su_line_orientation_02                          00:00:14 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_line_orientation_02

 1020 r400su_line_orientation_dx01_01                     00:00:13 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_line_orientation_dx01_01

 1021 r400su_line_orientation_dx01_02                     00:00:13 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_line_orientation_dx01_02

 1022 r400su_line_orientation_dy01_01                     00:00:13 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_line_orientation_dy01_01

 1023 r400su_line_orientation_dy01_02                     00:00:13 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_line_orientation_dy01_02

 1024 r400su_line_test_01                                 00:00:10 77444 PASS    77444

\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_line_test_01

1025 r400su_line_test_02 00:00:11 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_line_test_02

1026 r400su_line_x_major_01 00:00:15 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_line_x_major_01

1027 r400su_line_x_major_02 00:00:15 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_line_x_major_02

1028 r400su_line_y_major_01 00:00:15 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_line_y_major_01

1029 r400su_line_y_major_02 00:00:15 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_line_y_major_02

1030 r400su_longstrip_01 00:00:10 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_longstrip_01

1031 r400su_multi_context_01 00:00:12 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_multi_context_01

1032 r400su_multi_prim_01 00:00:11 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_multi_prim_01

1033 r400su_multi_prim_02 00:00:20 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_multi_prim_02

1034 r400su_parallel_orientation_all_01 00:00:11 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_parallel_orientation_all_01

1035 r400su_parallel_orientation_all_02 00:00:13 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_parallel_orientation_all_02

1036 r400su_pc_management_01 00:00:13 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_pc_management_01

1037 r400su_pc_management_02 00:00:11 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_pc_management_02

1038 r400su_pc_management_03 00:00:12 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_pc_management_03

1039 r400su_point_sprite_01 00:00:10 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_point_sprite_01

1040 r400su_point_sprite_02 00:00:10 77444 PASS 77444

\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_point_sprite_02

1041 r400su_point_sprite_03 00:00:10 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_point_sprite_03

1042 r400su_point_sprite_04 00:00:10 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_point_sprite_04

1043 r400su_point_sprite_05 00:00:10 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_point_sprite_05

1044 r400su_point_sprite_06 00:00:10 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_point_sprite_06

1045 r400su_point_sprite_07 00:00:17 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_point_sprite_07

1046 r400su_point_sprite_08 00:00:17 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_point_sprite_08

1047 r400su_point_sprite_09 00:00:21 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_point_sprite_09

1048 r400su_point_w16_h1_functional_01 00:00:12 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_point_w16_h1_functional_01

1049 r400su_point_w1_h16_functional_01 00:00:11 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_point_w1_h16_functional_01

1050 r400su_pointsizepresent_01 00:00:10 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_pointsizepresent_01

1051 r400su_pointsizepresent_02 00:00:10 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_pointsizepresent_02

1052 r400su_pointsizepresent_03 00:00:10 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_pointsizepresent_03

1053 r400su_polymode_culling_face_01 00:00:12 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_polymode_culling_face_01

1054 r400su_polymode_culling_face_02 00:00:12 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_polymode_culling_face_02

1055 r400su_polymode_lines_degen_triangle_01 00:00:17 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_polymode_lines_degen_triangle_01

1056 r400su_polymode_lines_degen_triangle_02 00:00:17 77444 PASS 77444

\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_polymode_lines_degen_triangle_02

 1057 r400su_polymode_lines_degen_triangle_03            00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_polymode_lines_degen_triangle_03

 1058 r400su_polymode_lines_zero_area_triangle_01        00:00:17 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_polymode_lines_zero_area_triangle
_01
 1059 r400su_polymode_lines_zero_area_triangle_02        00:00:17 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_polymode_lines_zero_area_triangle
_02
 1060 r400su_polymode_multi_prim_01                      00:00:11 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_polymode_multi_prim_01

 1061 r400su_polymode_points_degen_triangle_01           00:00:17 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_polymode_points_degen_triangle_01

 1062 r400su_polymode_points_degen_triangle_02           00:00:17 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_polymode_points_degen_triangle_02

 1063 r400su_polymode_points_zero_area_triangle_01       00:00:17 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_polymode_points_zero_area_triangl
e_01
 1064 r400su_polymode_points_zero_area_triangle_02       00:00:18 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_polymode_points_zero_area_triangl
e_02
 1065 r400su_polymode_rectangle_01                       00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_polymode_rectangle_01

 1066 r400su_polymode_zero_area_triangle_01              00:00:17 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_polymode_zero_area_triangle_01

 1067 r400su_polymode_zero_area_triangle_02              00:00:18 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_polymode_zero_area_triangle_02

 1068 r400su_polymode_zero_area_triangle_03              00:00:17 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_polymode_zero_area_triangle_03

 1069 r400su_polymode_zero_area_triangle_04              00:00:17 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_polymode_zero_area_triangle_04

 1070 r400su_polymodeculling_01                          00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_polymodeculling_01

 1071 r400su_polymodefunctional_01                       00:00:11 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_polymodefunctional_01

 1072 r400su_provok_vtx_polymode_mix_point_lines_01      00:00:10 77444 PASS    77444

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\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_provok_vtx_polymode_mix_point_lin
es_01
 1073 r400su_provoking_vtx_edgeflags_triangle_01         00:00:17 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_provoking_vtx_edgeflags_triangle_
01
 1074 r400su_provoking_vtx_edgeflags_triangle_02         00:00:17 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_provoking_vtx_edgeflags_triangle_
02
 1075 r400su_provoking_vtx_edgeflags_triangle_03         00:00:17 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_provoking_vtx_edgeflags_triangle_
03
 1076 r400su_provoking_vtx_edgeflags_triangle_04         00:00:17 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_provoking_vtx_edgeflags_triangle_
04
 1077 r400su_provoking_vtx_line_01                       00:00:11 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_provoking_vtx_line_01

 1078 r400su_provoking_vtx_point_01                      00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_provoking_vtx_point_01

 1079 r400su_provoking_vtx_polymode_rectangle_01         00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_provoking_vtx_polymode_rectangle_
01
 1080 r400su_provoking_vtx_rectangle_01                  00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_provoking_vtx_rectangle_01

 1081 r400su_provoking_vtx_triangle_01                   00:00:12 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_provoking_vtx_triangle_01

 1082 r400su_rand_line_01                                00:00:21 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_rand_line_01

 1083 r400su_rand_point_01                               00:00:21 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_rand_point_01

 1084 r400su_rand_tri_01                                 00:00:23 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_rand_tri_01

 1085 r400su_rectangle_01                                00:00:10 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_rectangle_01

 1086 r400su_rectangle_list_01                           00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_rectangle_list_01

 1087 r400su_simple_register_indirect                    00:00:09 77444 FAIL
gold or cmp file mis
 1088 r400su_sliver_01                                   00:00:10 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_sliver_01
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 1089 r400su_stress_01                                  00:02:58 77444 FAIL
compare mismatch **
 1090 r400su_stress_02                                  00:02:02 77444 FAIL
compare mismatch **
 1091 r400su_stress_03                                  00:01:56 77444 FAIL
compare mismatch **
 1092 r400su_triarea_test_01                            00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_triarea_test_01

 1093 r400su_triarea_test_02                            00:00:11 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_triarea_test_02

 1094 r400su_triarea_test_03                            00:00:12 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_triarea_test_03

 1095 r400su_triarea_test_04                            00:00:18 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_triarea_test_04

 1096 r400su_vertexsortingfunctional_01                 00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_vertexsortingfunctional_01

 1097 r400su_w_grad_test_01                             00:00:11 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_w_grad_test_01

 1098 r400su_w_grad_test_02                             00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_w_grad_test_02

 1099 r400su_w_grad_test_03                             00:00:11 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_w_grad_test_03

 1100 r400su_z_grad_test_01                             00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_z_grad_test_01

 1101 r400su_z_grad_test_02                             00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_z_grad_test_02

 1102 r400su_z_grad_test_03                             00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_z_grad_test_03

 1103 r400su_zero_area_test_01                          00:00:11 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_zero_area_test_01

 1104 r400su_zero_area_test_02                          00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_zero_area_test_02

 1105 r400su_zero_area_test_03                          00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_zero_area_test_03
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 1106 r400su_zero_area_test_04                          00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400su_zero_area_test_04

 1107 r400vte_coverage_02                               00:00:12 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/r400vte_coverage_02

 1108 r400vte_mult_msbs_01                              00:00:11 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vte_mult_msbs_01

 1109 r400vte_many_reciprocals_01                       00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vte_many_reciprocals_01

 1110 r400vte_z_veu_msb_01                              00:00:09 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vte_z_veu_msb_01

 1111 r400vte_y_veu_msb_01                              00:00:09 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vte_y_veu_msb_01

 1112 r400vte_x_veu_msb_01                              00:00:09 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vte_x_veu_msb_01

 1113 r400vte_inf_nan_01                                00:00:33 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/r400vte_inf_nan_01

 1114 r400vte_clip_perspective_texture_04               00:00:19 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vte_clip_perspective_texture_04

 1115 r400vte_clip_perspective_texture_03               00:00:21 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vte_clip_perspective_texture_03

 1116 r400vte_clip_perspective_texture_02               00:00:20 77444 FAIL
compare mismatch **
 1117 r400vte_clip_perspective_texture_01               00:00:33 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vte_clip_perspective_texture_01

 1118 r400vte_combos_01                                 00:01:02 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/r400vte_combos_01

 1119 r400vte_combos_02                                 00:00:55 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/r400vte_combos_02

 1120 r400vte_combos_03                                 00:00:31 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/r400vte_combos_03

 1121 r400vte_coverage_01                               00:00:13 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/r400vte_coverage_01
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1122 r400vte_perf_01                                    00:00:13 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/r400vte_perf_01

1123 r400vte_perf_02                                    00:00:10 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/r400vte_perf_02

1124 r400vte_perf_03                                    00:00:10 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/r400vte_perf_03

1125 r400vte_pos_neg_combo_01                           00:00:34 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vte_pos_neg_combo_01

1126 r400vte_pos_neg_combo_02                           00:00:34 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vte_pos_neg_combo_02

1127 r400vte_pos_neg_combo_03                           00:00:37 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vte_pos_neg_combo_03

1128 r400vte_simple_point_01                            00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vte_simple_point_01

1129 r400vte_simple_triangle_01                         00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vte_simple_triangle_01

1130 r400vte_w0_fmt_01                                  00:00:10 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/r400vte_w0_fmt_01

1131 r400vte_w0_fmt_02                                  00:00:10 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/r400vte_w0_fmt_02

1132 r400vte_w0_fmt_03                                  00:00:11 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/r400vte_w0_fmt_03

1133 r400vte_w0_fmt_04                                  00:00:10 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/r400vte_w0_fmt_04

1134 r400vte_w0_fmt_05                                  00:00:11 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/r400vte_w0_fmt_05

1135 r400vte_w0_fmt_06                                  00:00:16 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/r400vte_w0_fmt_06

1136 r400vte_xy_fmt_01                                  00:00:11 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/r400vte_xy_fmt_01

1137 r400vte_xy_fmt_02                                  00:00:10 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/r400vte_xy_fmt_02
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 1138 r400vte_xy_fmt_03                                  00:00:10 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/r400vte_xy_fmt_03

 1139 r400vte_xyz_scale_01                               00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vte_xyz_scale_01

 1140 r400vte_xyz_scale_02                               00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400vte_xyz_scale_02

 1141 r400vte_z_fmt_01                                   00:00:10 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/r400vte_z_fmt_01

 1142 r400vte_z_fmt_02                                   00:00:10 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/r400vte_z_fmt_02

 1143 r400vte_z_fmt_03                                   00:00:13 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/r400vte_z_fmt_03

 1144 r400vte_z_fmt_04                                   00:00:14 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/r400vte_z_fmt_04

 1145 r400sanity_vfd_texture_sample_01                   00:00:13 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/r400sanity_vfd_texture_sample_01

 1146 primlib_1st_tri_june15                             00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/primlib_1st_tri_june15

 1147 primlib_gouraud_tri_1_xyz_vb_1_rgb_vb              00:00:11 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/primlib_gouraud_tri_1_xyz_vb_1_rgb_vb

 1148 primlib_gouraud_triangles_2_draw_passes            00:00:11 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/primlib_gouraud_triangles_2_draw_passes

 1149 primlib_parameterized_simple_triangle              00:00:11 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/primlib_parameterized_simple_triangle

 1150 primlib_template_simple_triangle                   00:00:11 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/primlib_template_simple_triangle

 1151 primlib_tex_tri                                    00:00:11 77444 FAIL
primlib_tex_tri_001.
 1152 primlib_zbuffer_2tris_03                           00:00:11 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/primlib_zbuffer_2tris_03

 1153 cp_dma_2desc                                       00:00:10 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/cp_dma_2desc

 1154 cp_dma_interrupt                                   00:00:09 77444 PASS    77444
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                    \\fl_mkelly2\d\r400\regress/77444_030117140633/cp_dma_interrupt

 1155 cp_dma_m2m_01                                 00:00:09 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/cp_dma_m2m_01

 1156 cp_dma_m2m_02                                 00:00:09 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/cp_dma_m2m_02

 1157 cp_dma_m2m_03                                 00:00:09 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/cp_dma_m2m_03

 1158 cp_dma_m2m_04                                 00:00:10 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/cp_dma_m2m_04

 1159 cp_dma_m2r_01                                 00:00:10 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/cp_dma_m2r_01

 1160 cp_dma_m2r_02                                 00:00:09 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/cp_dma_m2r_02

 1161 cp_dma_m2r_03                                 00:00:09 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/cp_dma_m2r_03

 1162 cp_dma_m2r_04                                 00:00:09 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/cp_dma_m2r_04

 1163 cp_dma_m2r_r2m                                00:00:10 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/cp_dma_m2r_r2m

 1164 cp_dma_pio_simple                             00:00:10 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/cp_dma_pio_simple

 1165 cp_dma_pio_stress                             00:00:10 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/cp_dma_pio_stress

 1166 cp_dma_piobm_stress                           00:00:10 77444 FAIL
cmp file missing No
 1167 cp_dma_r2m_01                                 00:00:09 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/cp_dma_r2m_01

 1168 cp_dma_r2m_02                                 00:00:09 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/cp_dma_r2m_02

 1169 cp_dma_r2m_03                                 00:00:10 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/cp_dma_r2m_03

 1170 cp_dma_r2m_04                                 00:00:10 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/cp_dma_r2m_04
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 1171 cp_dma_r2r_01                                    00:00:09 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/cp_dma_r2r_01

 1172 cp_dma_r2r_02                                    00:00:09 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/cp_dma_r2r_02

 1173 cp_dma_r2r_03                                    00:00:10 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/cp_dma_r2r_03

 1174 cp_dma_r2r_r2m                                   00:00:09 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/cp_dma_r2r_r2m

 1175 cp_dma_r2r_r2m_m2m                               00:00:09 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/cp_dma_r2r_r2m_m2m

 1176 cp_dma_r2r_r2m_m2m_r2m                           00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/cp_dma_r2r_r2m_m2m_r2m

 1177 cp_dma_simple                                    00:00:09 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/cp_dma_simple

 1178 cp_e2_hostdata_blt_pntr_8888                     00:00:11 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/cp_e2_hostdata_blt_pntr_8888

 1179 cp_e2_one_blit                                   00:00:10 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/cp_e2_one_blit

 1180 cp_e2_one_hline                                  00:00:10 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/cp_e2_one_hline

 1181 cp_e2_one_line                                   00:00:10 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/cp_e2_one_line

 1182 cp_e2_one_vline                                  00:00:10 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/cp_e2_one_vline

 1183 cp_e2_polyscanlines                              00:00:10 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/cp_e2_polyscanlines

 1184 cp_e2blit_brush_m                                00:00:10 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/cp_e2blit_brush_m

 1185 cp_e2blit_brush_mt_ropcc                         00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/cp_e2blit_brush_mt_ropcc

 1186 cp_e2blit_brush_mt_ropf0                         00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/cp_e2blit_brush_mt_ropf0
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 1187 cp_e2blit_src_8888i                                00:00:28 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/cp_e2blit_src_8888i

 1188 cp_e2blit_src_8888ii                               00:00:21 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/cp_e2blit_src_8888ii

 1189 cp_e2blit_src_8888iii                              00:00:11 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/cp_e2blit_src_8888iii

 1190 cp_e2blit_src_8888iv                               00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/cp_e2blit_src_8888iv

 1191 cp_e2blit_src_8888v                                00:00:14 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/cp_e2blit_src_8888v

 1192 cp_e2blit_srf_cohr                                 00:00:11 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/cp_e2blit_srf_cohr

 1193 cp_e2brush_8x8clr_565                              00:00:11 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/cp_e2brush_8x8clr_565

 1194 cp_e2brush_8x8clr_ci8                              00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/cp_e2brush_8x8clr_ci8

 1195 cp_e2brush_8x8mmask_1555                           00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/cp_e2brush_8x8mmask_1555

 1196 cp_e2brush_8x8mono_ci8                             00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/cp_e2brush_8x8mono_ci8

 1197 cp_e2brush_solid                                   00:00:10 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/cp_e2brush_solid

 1198 cp_e2cache1                                        00:00:13 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/cp_e2cache1

 1199 cp_e2cache2                                        00:00:11 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/cp_e2cache2

 1200 cp_e2gradfill_565                                  00:00:11 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/cp_e2gradfill_565

 1201 cp_e2gradfill_1555                                 00:00:11 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/cp_e2gradfill_1555

 1202 cp_e2gradfill_8888                                 00:00:10 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/cp_e2gradfill_8888
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 1203 cp_e2gradfill_horizontal                          00:00:11 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/cp_e2gradfill_horizontal

 1204 cp_e2gradfill_triangle                            00:00:12 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/cp_e2gradfill_triangle

 1205 cp_e2gradfill_vertical                            00:00:12 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/cp_e2gradfill_vertical

 1206 cp_e2hostdata_blt2_565                            00:00:23 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/cp_e2hostdata_blt2_565

 1207 cp_e2hostdata_blt2_1555                           00:00:22 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/cp_e2hostdata_blt2_1555

 1208 cp_e2hostdata_blt2_8888                           00:00:33 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/cp_e2hostdata_blt2_8888

 1209 cp_e2hostdata_blt2_ci8                            00:00:16 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/cp_e2hostdata_blt2_ci8

 1210 cp_e2hostdata_blt_565                             00:00:26 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/cp_e2hostdata_blt_565

 1211 cp_e2hostdata_blt_1555                            00:00:26 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/cp_e2hostdata_blt_1555

 1212 cp_e2hostdata_blt_8888                            00:00:43 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/cp_e2hostdata_blt_8888

 1213 cp_e2hostdata_blt_ci8                             00:00:19 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/cp_e2hostdata_blt_ci8

 1214 cp_e2hostdata_blt_drv1                            00:00:25 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/cp_e2hostdata_blt_drv1

 1215 cp_e2hostdata_blt_pntr_565                        00:00:11 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/cp_e2hostdata_blt_pntr_565

 1216 cp_e2hostdata_blt_pntr_1555                       00:00:12 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/cp_e2hostdata_blt_pntr_1555

 1217 cp_e2hostdata_blt_pntr_ci8                        00:00:11 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/cp_e2hostdata_blt_pntr_ci8

 1218 cp_e2hostdata_byte_srcload                        00:00:13 77444 FAIL
compare mismatch
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 1219 cp_e2line_max                                    00:04:23 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/cp_e2line_max

 1220 cp_e2line_patcount_poly                          00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/cp_e2line_patcount_poly

 1221 cp_e2lines                                       00:00:17 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/cp_e2lines

 1222 cp_e2load_palette                                00:00:17 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/cp_e2load_palette

 1223 cp_e2nextchar_565                                00:00:12 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/cp_e2nextchar_565

 1224 cp_e2nextchar_1555                               00:00:12 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/cp_e2nextchar_1555

 1225 cp_e2nextchar_8888                               00:00:13 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/cp_e2nextchar_8888

 1226 cp_e2nextchar_ci8                                00:00:11 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/cp_e2nextchar_ci8

 1227 cp_e2paint_565                                   00:00:10 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/cp_e2paint_565

 1228 cp_e2paint_8888                                  00:00:10 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/cp_e2paint_8888

 1229 cp_e2paint_multi                                 00:00:10 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/cp_e2paint_multi

 1230 cp_e2perf_2d_04_vector                           00:00:13 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/cp_e2perf_2d_04_vector

 1231 cp_e2perf_ptrnfil                                00:00:14 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/cp_e2perf_ptrnfil

 1232 cp_e2ply_nextscan                                00:00:11 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/cp_e2ply_nextscan

 1233 cp_e2polyscanlines_brush                         00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/cp_e2polyscanlines_brush

 1234 cp_e2polyscanlines_brush_mt                      00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/cp_e2polyscanlines_brush_mt
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1235 cp_e2rop                                          00:00:13 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/cp_e2rop

1236 cp_e2set_scissors                                 00:00:10 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/cp_e2set_scissors

1237 cp_e2smalltext                                    00:00:10 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/cp_e2smalltext

1238 cp_e2smalltext_jc1                                00:00:13 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/cp_e2smalltext_jc1

1239 cp_e2smalltext_jc2                                00:04:09 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/cp_e2smalltext_jc2

1240 cp_e2smalltext_max                                00:01:59 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/cp_e2smalltext_max

1241 cp_e2smalltext_neg                                00:00:11 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/cp_e2smalltext_neg

1242 cp_e2trans_bitblt                                 00:00:11 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/cp_e2trans_bitblt

1243 cp_rb_dst_blit_01                                 00:00:10 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/cp_rb_dst_blit_01

1244 cp_rb_dst_blit_agp_01                             00:00:11 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/cp_rb_dst_blit_agp_01

1245 cp_rb_dst_blit_brush_01                           00:00:11 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/cp_rb_dst_blit_brush_01

1246 cp_rb_dst_blit_brush_02                           00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/cp_rb_dst_blit_brush_02

1247 cp_rb_dst_blit_brush_03                           00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/cp_rb_dst_blit_brush_03

1248 cp_rb_dst_blit_brush_04                           00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/cp_rb_dst_blit_brush_04

1249 cp_rb_dst_blit_brush_05                           00:00:11 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/cp_rb_dst_blit_brush_05

1250 cp_rb_dst_blit_brush_565_01                       00:00:11 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/cp_rb_dst_blit_brush_565_01
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 1251 cp_rb_dst_blit_brush_agp_01                          00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/cp_rb_dst_blit_brush_agp_01

 1252 cp_rb_dst_blit_brush_agp_05                          00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/cp_rb_dst_blit_brush_agp_05

 1253 cp_rb_dst_blit_brush_ci8_01                          00:00:11 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/cp_rb_dst_blit_brush_ci8_01

 1254 cp_rb_dst_blit_rop_01                                00:00:17 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/cp_rb_dst_blit_rop_01

 1255 cp_rb_dst_blit_rop_02                                00:00:17 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/cp_rb_dst_blit_rop_02

 1256 cp_rb_dst_blit_rop_03                                00:00:11 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/cp_rb_dst_blit_rop_03

 1257 cp_rb_dst_blit_rop_04                                00:00:11 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/cp_rb_dst_blit_rop_04

 1258 cp_rb_dst_blit_rop_05                                00:00:11 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/cp_rb_dst_blit_rop_05

 1259 cp_rb_dst_blit_rop_06                                00:00:11 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/cp_rb_dst_blit_rop_06

 1260 cp_rb_dst_blit_rop_07                                00:00:11 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/cp_rb_dst_blit_rop_07

 1261 cp_rb_dst_blit_rop_agp_01                            00:00:17 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/cp_rb_dst_blit_rop_agp_01

 1262 cp_rb_dst_blit_rop_agp_04                            00:00:12 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/cp_rb_dst_blit_rop_agp_04

 1263 cp_rb_dst_blit_rop_agp_07                            00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/cp_rb_dst_blit_rop_agp_07

 1264 cp_rb_dst_clr_cmp_01                                 00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/cp_rb_dst_clr_cmp_01

 1265 cp_rb_dst_clr_cmp_02                                 00:00:11 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/cp_rb_dst_clr_cmp_02

 1266 cp_rb_dst_clr_cmp_03                                 00:00:12 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/cp_rb_dst_clr_cmp_03
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 1267 cp_rb_dst_clr_cmp_agp_01                          00:00:11 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/cp_rb_dst_clr_cmp_agp_01

 1268 cp_rb_dst_clr_cmp_msk_01                          00:00:11 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/cp_rb_dst_clr_cmp_msk_01

 1269 cp_rb_dst_clr_cmp_rops_01                         00:00:11 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/cp_rb_dst_clr_cmp_rops_01

 1270 cp_rb_dst_clr_cmp_rops_02                         00:00:11 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/cp_rb_dst_clr_cmp_rops_02

 1271 cp_rb_dst_clr_cmp_rops_03                         00:00:12 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/cp_rb_dst_clr_cmp_rops_03

 1272 cp_rb_dst_line_01                                 00:00:10 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/cp_rb_dst_line_01

 1273 cp_rb_dst_line_brush_01                           00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/cp_rb_dst_line_brush_01

 1274 cp_rb_dst_line_brush_02                           00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/cp_rb_dst_line_brush_02

 1275 cp_rb_dst_line_brush_03                           00:00:11 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/cp_rb_dst_line_brush_03

 1276 cp_rb_dst_line_brush_agp_01                       00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/cp_rb_dst_line_brush_agp_01

 1277 cp_rb_dstcache_aflush_2d_01                       00:02:31 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/cp_rb_dstcache_aflush_2d_01

 1278 cp_rb_dstcache_aflush_2d_agp_01                   00:02:31 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/cp_rb_dstcache_aflush_2d_agp_01

 1279 cp_rb_dstcache_fillflush_2d_01                    00:00:55 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/cp_rb_dstcache_fillflush_2d_01

 1280 cp_rb_dstcache_rmw_2d_01                          00:00:16 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/cp_rb_dstcache_rmw_2d_01

 1281 cp_rb_dstcache_rmw_2d_agp_01                      00:00:16 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/cp_rb_dstcache_rmw_2d_agp_01

 1282 cp_im_load_indirect                               00:00:10 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/cp_im_load_indirect
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 1283 cp_queue_avail_01                                  00:00:10 77444 FAIL
compare mismatch No
 1284 cp_queue_avail_02                                  00:00:11 77444 FAIL
compare mismatch No
 1285 cp_queue_avail_03                                  00:00:10 77444 FAIL
compare mismatch No
 1286 cp_queue_avail_04                                  00:00:10 77444 FAIL
compare mismatch No
 1287 cp_queue_avail_05                                  00:00:10 77444 FAIL
compare mismatch No
 1288 cp_queue_avail_06                                  00:00:10 77444 FAIL
compare mismatch No
 1289 cp_queue_avail_07                                  00:00:09 77444 FAIL
compare mismatch No
 1290 cp_push_aper_indirect1                             00:00:09 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/cp_push_aper_indirect1

 1291 cp_push_aper_primary                               00:00:09 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/cp_push_aper_primary

 1292 cp_simple_triangle                                 00:00:10 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/cp_simple_triangle

 1293 e2_bbll                                            00:00:11 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/e2_bbll

 1294 e2_bbll_565                                        00:00:11 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/e2_bbll_565

 1295 e2_bbll_1555                                       00:00:11 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/e2_bbll_1555

 1296 e2_bbll_ci8                                        00:00:10 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/e2_bbll_ci8

 1297 e2_blbl                                            00:00:11 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/e2_blbl

 1298 e2_blbl_565                                        00:00:11 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/e2_blbl_565

 1299 e2_blbl_1555                                       00:00:11 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/e2_blbl_1555

 1300 e2_blbl_ci8                                        00:00:11 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/e2_blbl_ci8

 1301 e2_blit_busy                                       00:00:12 77444 PASS    77444
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\\fl_mkelly2\d\r400\regress/77444_030117140633/e2_blit_busy

1302 e2_blit_lines 00:00:10 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2_blit_lines

1303 e2_blit_sync_565 00:00:10 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2_blit_sync_565

1304 e2_dstaddr 00:00:13 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2_dstaddr

1305 e2_lblb 00:00:11 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2_lblb

1306 e2_lblb_wh 00:00:11 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2_lblb_wh

1307 e2_line_busy 00:00:10 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2_line_busy

1308 e2_llbb 00:00:11 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2_llbb

1309 e2_many_lines 00:00:17 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2_many_lines

1310 e2_many_lines_2x4 00:00:16 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2_many_lines_2x4

1311 e2_many_lines_2x4_mask 00:00:17 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2_many_lines_2x4_mask

1312 e2_many_lines_4x4 00:00:16 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2_many_lines_4x4

1313 e2_many_lines_4x4_mask 00:00:16 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2_many_lines_4x4_mask

1314 e2_many_lines_4x8 00:00:17 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2_many_lines_4x8

1315 e2_many_lines_4x8_mask 00:00:17 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2_many_lines_4x8_mask

1316 e2_many_lines_mask 00:00:16 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2_many_lines_mask

1317 e2_many_lines_pat 00:00:17 77444 PASS 77444

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                    \\fl_mkelly2\d\r400\regress/77444_030117140633/e2_many_lines_pat

 1318 e2_many_lines_w9x                                  00:00:17 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/e2_many_lines_w9x

 1319 e2_offset_pitch                                    00:00:11 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/e2_offset_pitch

 1320 e2_offset_pitch_16byte                             00:00:12 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2_offset_pitch_16byte

 1321 e2_one_blit                                        00:00:10 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/e2_one_blit

 1322 e2_one_line                                        00:00:10 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/e2_one_line

 1323 e2_partial_add                                     00:00:10 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/e2_partial_add

 1324 e2_pm4_blit_64x64                                  00:00:11 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/e2_pm4_blit_64x64

 1325 e2_pm4_blit_128x128                                00:00:12 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/e2_pm4_blit_128x128

 1326 e2_pm4_blit_256x256                                00:00:20 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/e2_pm4_blit_256x256

 1327 e2_simple2d                                        00:00:13 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/e2_simple2d

 1328 e2_write_256b                                      00:00:11 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/e2_write_256b

 1329 e2blit_3noshft_565                                 00:00:11 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_3noshft_565

 1330 e2blit_3noshft_1555                                00:00:10 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_3noshft_1555

 1331 e2blit_3noshft_8888                                00:00:10 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_3noshft_8888

 1332 e2blit_3noshft_ci8                                 00:00:11 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_3noshft_ci8

 1333 e2blit_3shftL_565                                  00:00:11 77444 PASS    77444
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                    \\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_3shftL_565

 1334 e2blit_3shftL_1555                                00:00:10 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_3shftL_1555

 1335 e2blit_3shftL_8888                                00:00:11 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_3shftL_8888

 1336 e2blit_3shftL_ci8                                 00:00:11 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_3shftL_ci8

 1337 e2blit_3shftR_565                                 00:00:11 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_3shftR_565

 1338 e2blit_3shftR_1555                                00:00:11 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_3shftR_1555

 1339 e2blit_3shftR_8888                                00:00:10 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_3shftR_8888

 1340 e2blit_3shftR_ci8                                 00:00:11 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_3shftR_ci8

 1341 e2blit_640x5_8888                                 00:00:11 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_640x5_8888

 1342 e2blit_agp2agp                                    00:00:11 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_agp2agp

 1343 e2blit_agp2fb                                     00:00:11 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_agp2fb

 1344 e2blit_agp2fb_big                                 00:00:12 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_agp2fb_big

 1345 e2blit_agp2fb_big2                                00:00:12 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_agp2fb_big2

 1346 e2blit_beyondframe                                00:00:10 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_beyondframe

 1347 e2blit_clut32_8888                                00:00:11 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_clut32_8888

 1348 e2blit_clut32_8888_lines                          00:00:11 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_clut32_8888_lines

 1349 e2blit_clut_565                                   00:00:11 77444 PASS    77444
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\\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_clut_565

1350 e2blit_clut_565_2 00:00:10 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_clut_565_2

1351 e2blit_clut_565all 00:00:11 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_clut_565all

1352 e2blit_clut_565indx 00:00:11 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_clut_565indx

1353 e2blit_clut_8888 00:00:10 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_clut_8888

1354 e2blit_fb2agp_big 00:00:12 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_fb2agp_big

1355 e2blit_fb2agp_big_2 00:00:12 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_fb2agp_big_2

1356 e2blit_host2agp 00:00:44 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_host2agp

1357 e2blit_host128_565_00 00:00:15 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_host128_565_00

1358 e2blit_host128_565_00_wide 00:00:14 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_host128_565_00_wide

1359 e2blit_host128_565_01 00:00:15 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_host128_565_01

1360 e2blit_host128_565_01_wide 00:00:14 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_host128_565_01_wide

1361 e2blit_host128_565_02 00:00:15 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_host128_565_02

1362 e2blit_host128_565_02_wide 00:00:15 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_host128_565_02_wide

1363 e2blit_host128_565_03 00:00:15 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_host128_565_03

1364 e2blit_host128_565_03_wide 00:00:14 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_host128_565_03_wide

1365 e2blit_host128_565_mono 00:00:15 77444 PASS 77444

\\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_host128_565_mono

1366 e2blit_host128_8888_00 00:00:13 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_host128_8888_00

1367 e2blit_host128_8888_01 00:00:13 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_host128_8888_01

1368 e2blit_host128_8888_02 00:00:13 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_host128_8888_02

1369 e2blit_host128_8888_03 00:00:13 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_host128_8888_03

1370 e2blit_host128_8888_mono 00:00:14 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_host128_8888_mono

1371 e2blit_host128_ci8_00 00:00:39 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_host128_ci8_00

1372 e2blit_host128_ci8_01 00:00:39 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_host128_ci8_01

1373 e2blit_host128_ci8_02 00:00:39 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_host128_ci8_02

1374 e2blit_host128_ci8_03 00:00:40 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_host128_ci8_03

1375 e2blit_host128_ci8_mono 00:00:15 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_host128_ci8_mono

1376 e2blit_host_1to8_00 00:00:12 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_host_1to8_00

1377 e2blit_host_1to8_01 00:00:13 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_host_1to8_01

1378 e2blit_host_1to8_02 00:00:17 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_host_1to8_02

1379 e2blit_host_1to8_04 00:00:13 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_host_1to8_04

1380 e2blit_host_1to8_04_lines 00:00:14 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_host_1to8_04_lines

1381 e2blit_host_1to8_05 00:00:14 77444 PASS 77444

\\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_host_1to8_05

1382 e2blit_host_1to8_06 00:00:12 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_host_1to8_06

1383 e2blit_host_1to8_07 00:00:13 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_host_1to8_07

1384 e2blit_host_1to8_08 00:00:17 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_host_1to8_08

1385 e2blit_host_1to8_09 00:00:12 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_host_1to8_09

1386 e2blit_host_1to8_10 00:00:13 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_host_1to8_10

1387 e2blit_host_1to8_11 00:00:17 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_host_1to8_11

1388 e2blit_host_1to8mask_01 00:00:13 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_host_1to8mask_01

1389 e2blit_host_1to8mask_03 00:00:12 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_host_1to8mask_03

1390 e2blit_host_1to8mask_09 00:00:11 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_host_1to8mask_09

1391 e2blit_host_1to8mask_10 00:00:13 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_host_1to8mask_10

1392 e2blit_host_1to8mask_10_lines 00:00:13 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_host_1to8mask_10_lines

1393 e2blit_host_1to16_00 00:00:12 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_host_1to16_00

1394 e2blit_host_1to16_01 00:00:13 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_host_1to16_01

1395 e2blit_host_1to16_02 00:00:17 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_host_1to16_02

1396 e2blit_host_1to16_03 00:00:12 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_host_1to16_03

1397 e2blit_host_1to16_04 00:00:13 77444 PASS 77444

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\\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_host_1to16_04

 1398 e2blit_host_1to16_05                              00:00:14 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_host_1to16_05

 1399 e2blit_host_1to16_06                              00:00:11 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_host_1to16_06

 1400 e2blit_host_1to16_07                              00:00:13 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_host_1to16_07

 1401 e2blit_host_100x100_8888                          00:00:42 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_host_100x100_8888

 1402 e2blit_host_pm4_100x100_8888                      00:00:43 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_host_pm4_100x100_8888

 1403 e2blit_hostdest_1555                              00:00:11 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_hostdest_1555

 1404 e2blit_hostdest_1555_lines                        00:00:12 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_hostdest_1555_lines

 1405 e2blit_hostdest_8888                              00:00:13 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_hostdest_8888

 1406 e2blit_hostdest_ci8                               00:00:11 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_hostdest_ci8

 1407 e2blit_hostmono                                   00:00:10 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_hostmono

 1408 e2blit_hostmonow                                  00:00:15 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_hostmonow

 1409 e2blit_noshft_565                                 00:00:10 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_noshft_565

 1410 e2blit_noshft_1555                                00:00:10 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_noshft_1555

 1411 e2blit_noshft_8888                                00:00:10 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_noshft_8888

 1412 e2blit_noshft_ci8                                 00:00:10 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_noshft_ci8

 1413 e2blit_offscreen                                  00:00:10 77444 PASS    77444
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\\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_offscreen

1414 e2blit_offset_565 00:00:12 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_offset_565

1415 e2blit_offset_1555 00:00:12 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_offset_1555

1416 e2blit_offset_8888 00:00:11 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_offset_8888

1417 e2blit_offset_ci8 00:00:12 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_offset_ci8

1418 e2blit_pitch_565 00:00:11 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_pitch_565

1419 e2blit_pitch_1555 00:00:12 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_pitch_1555

1420 e2blit_pitch_8888 00:00:11 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_pitch_8888

1421 e2blit_pix_order_565 00:00:11 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_pix_order_565

1422 e2blit_pix_order_1555 00:00:11 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_pix_order_1555

1423 e2blit_pix_order_8888 00:00:10 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_pix_order_8888

1424 e2blit_pix_order_ci8 00:00:11 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_pix_order_ci8

1425 e2blit_qdrnt_cc 00:00:11 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_qdrnt_cc

1426 e2blit_qdrnt_cc_565 00:00:11 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_qdrnt_cc_565

1427 e2blit_qdrnt_cc_1555 00:00:10 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_qdrnt_cc_1555

1428 e2blit_qdrnt_cc_ci8 00:00:10 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_qdrnt_cc_ci8

1429 e2blit_raster_order 00:00:10 77444 PASS 77444

\\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_raster_order

1430 e2blit_raster_orderb 00:00:11 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_raster_orderb

1431 e2blit_shftL_565 00:00:10 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_shftL_565

1432 e2blit_shftL_1555 00:00:11 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_shftL_1555

1433 e2blit_shftL_8888 00:00:11 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_shftL_8888

1434 e2blit_shftL_ci8 00:00:10 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_shftL_ci8

1435 e2blit_shftR_565 00:00:11 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_shftR_565

1436 e2blit_shftR_1555 00:00:10 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_shftR_1555

1437 e2blit_shftR_8888 00:00:10 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_shftR_8888

1438 e2blit_shftR_ci8 00:00:10 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_shftR_ci8

1439 e2blit_src_565 00:00:27 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_src_565

1440 e2blit_src_565a 00:00:22 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_src_565a

1441 e2blit_src_565b 00:00:11 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_src_565b

1442 e2blit_src_565c 00:00:12 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_src_565c

1443 e2blit_src_8888 00:00:19 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_src_8888

1444 e2blit_src_8888_sdest 00:00:11 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_src_8888_sdest

1445 e2blit_src_8888_smono 00:00:10 77444 PASS 77444

\\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_src_8888_smono

1446 e2blit_src_8888a 00:00:15 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_src_8888a

1447 e2blit_src_8888b 00:00:11 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_src_8888b

1448 e2blit_src_8888d 00:00:12 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_src_8888d

1449 e2blit_src_ci8 00:00:18 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_src_ci8

1450 e2blit_src_ci8_smono 00:00:10 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_src_ci8_smono

1451 e2blit_src_ci8_smonom 00:00:10 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_src_ci8_smonom

1452 e2blit_src_ci8a 00:00:15 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_src_ci8a

1453 e2blit_src_ci8b 00:00:14 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_src_ci8b

1454 e2blit_walk_565 00:00:12 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_walk_565

1455 e2blit_walk_1555 00:00:12 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_walk_1555

1456 e2blit_walk_8888 00:00:12 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_walk_8888

1457 e2blit_walk_ci8 00:00:12 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_walk_ci8

1458 e2blit_walk_srcdst 00:00:11 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_walk_srcdst

1459 e2blit_wh_8888 00:00:12 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2blit_wh_8888

1460 e2blits_565 00:00:11 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2blits_565

1461 e2brush 00:00:11 77444 PASS 77444

\\fl_mkelly2\d\r400\regress/77444_030117140633/e2brush

1462 e2brush_8x8clr 00:00:11 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2brush_8x8clr

1463 e2brush_8x8clr_565 00:00:11 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2brush_8x8clr_565

1464 e2brush_8x8clr_1555 00:00:11 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2brush_8x8clr_1555

1465 e2brush_8x8clr_ci8 00:00:10 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2brush_8x8clr_ci8

1466 e2brush_8x8mmask 00:00:10 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2brush_8x8mmask

1467 e2brush_8x8mmask_565 00:00:11 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2brush_8x8mmask_565

1468 e2brush_8x8mmask_1555 00:00:10 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2brush_8x8mmask_1555

1469 e2brush_8x8mmask_ci8 00:00:11 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2brush_8x8mmask_ci8

1470 e2brush_8x8mono 00:00:10 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2brush_8x8mono

1471 e2brush_8x8mono_565 00:00:10 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2brush_8x8mono_565

1472 e2brush_8x8mono_1555 00:00:11 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2brush_8x8mono_1555

1473 e2brush_8x8mono_ci8 00:00:10 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2brush_8x8mono_ci8

1474 e2brush_32x1line 00:00:11 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2brush_32x1line

1475 e2brush_32x1line_565 00:00:10 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2brush_32x1line_565

1476 e2brush_32x1line_1555 00:00:11 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2brush_32x1line_1555

1477 e2brush_32x1line_ci8 00:00:10 77444 PASS 77444

\\fl_mkelly2\d\r400\regress/77444_030117140633/e2brush_32x1line_ci8

1478 e2brush_32x1linemask 00:00:11 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2brush_32x1linemask

1479 e2brush_32x1linemask_565 00:00:10 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2brush_32x1linemask_565

1480 e2brush_32x1linemask_1555 00:00:11 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2brush_32x1linemask_1555

1481 e2brush_32x1linemask_ci8 00:00:10 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2brush_32x1linemask_ci8

1482 e2brush_565 00:00:10 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2brush_565

1483 e2brush_1555 00:00:11 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2brush_1555

1484 e2brush_address 00:00:14 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2brush_address

1485 e2brush_address_565 00:00:12 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2brush_address_565

1486 e2brush_address_1555 00:00:13 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2brush_address_1555

1487 e2brush_address_ci8 00:00:12 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2brush_address_ci8

1488 e2brush_ci8 00:00:10 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2brush_ci8

1489 e2brush_solid 00:00:10 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2brush_solid

1490 e2brush_solid_565 00:00:11 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2brush_solid_565

1491 e2brush_solid_1555 00:00:10 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2brush_solid_1555

1492 e2brush_solid_ci8 00:00:10 77444 PASS 77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2brush_solid_ci8

1493 e2brush_solidline 00:00:11 77444 PASS 77444

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                    \\fl_mkelly2\d\r400\regress/77444_030117140633/e2brush_solidline

 1494 e2brush_solidline_565                              00:00:11 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2brush_solidline_565

 1495 e2brush_solidline_1555                             00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2brush_solidline_1555

 1496 e2brush_solidline_ci8                              00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2brush_solidline_ci8

 1497 e2cache1                                           00:00:11 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/e2cache1

 1498 e2cache2                                           00:00:11 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/e2cache2

 1499 e2cache4                                           00:00:19 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/e2cache4

 1500 e2cache5                                           00:00:14 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/e2cache5

 1501 e2cache6                                           00:00:11 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/e2cache6

 1502 e2cache7                                           00:00:12 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/e2cache7

 1503 e2cache8                                           00:00:11 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/e2cache8

 1504 e2dst_scssr_565                                    00:00:11 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/e2dst_scssr_565

 1505 e2dst_scssr_1555                                   00:00:10 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/e2dst_scssr_1555

 1506 e2dst_scssr_8888                                   00:00:11 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/e2dst_scssr_8888

 1507 e2dst_scssr_ci8                                    00:00:11 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/e2dst_scssr_ci8

 1508 e2endian                                           00:00:15 77444 FAIL
gold or cmp file mis
 1509 e2endian_agp                                       00:00:13 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/e2endian_agp
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1510 e2endian_host                                    00:00:16 77444 PASS    77444
                  \\fl_mkelly2\d\r400\regress/77444_030117140633/e2endian_host

1511 e2lilblit                                        00:00:11 77444 PASS    77444
                  \\fl_mkelly2\d\r400\regress/77444_030117140633/e2lilblit

1512 e2lilblit_line                                   00:00:10 77444 PASS    77444
                  \\fl_mkelly2\d\r400\regress/77444_030117140633/e2lilblit_line

1513 e2line_box                                       00:00:11 77444 PASS    77444
                  \\fl_mkelly2\d\r400\regress/77444_030117140633/e2line_box

1514 e2line_bridgeB                                   00:00:10 77444 PASS    77444
                  \\fl_mkelly2\d\r400\regress/77444_030117140633/e2line_bridgeB

1515 e2line_bridgeBL                                  00:00:10 77444 PASS    77444
                  \\fl_mkelly2\d\r400\regress/77444_030117140633/e2line_bridgeBL

1516 e2line_bridgeBR                                  00:00:10 77444 PASS    77444
                  \\fl_mkelly2\d\r400\regress/77444_030117140633/e2line_bridgeBR

1517 e2line_bridgeL                                   00:00:11 77444 PASS    77444
                  \\fl_mkelly2\d\r400\regress/77444_030117140633/e2line_bridgeL

1518 e2line_bridgeLRTB                                00:00:10 77444 PASS    77444
                  \\fl_mkelly2\d\r400\regress/77444_030117140633/e2line_bridgeLRTB

1519 e2line_bridgeR                                   00:00:11 77444 PASS    77444
                  \\fl_mkelly2\d\r400\regress/77444_030117140633/e2line_bridgeR

1520 e2line_bridgeT                                   00:00:10 77444 PASS    77444
                  \\fl_mkelly2\d\r400\regress/77444_030117140633/e2line_bridgeT

1521 e2line_bridgeTL                                  00:00:11 77444 PASS    77444
                  \\fl_mkelly2\d\r400\regress/77444_030117140633/e2line_bridgeTL

1522 e2line_bridgeTR                                  00:00:10 77444 PASS    77444
                  \\fl_mkelly2\d\r400\regress/77444_030117140633/e2line_bridgeTR

1523 e2line_hori565                                   00:00:11 77444 PASS    77444
                  \\fl_mkelly2\d\r400\regress/77444_030117140633/e2line_hori565

1524 e2line_hori1555                                  00:00:11 77444 PASS    77444
                  \\fl_mkelly2\d\r400\regress/77444_030117140633/e2line_hori1555

1525 e2line_hori8888                                  00:00:11 77444 PASS    77444
                  \\fl_mkelly2\d\r400\regress/77444_030117140633/e2line_hori8888
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 1526 e2line_horici8                                    00:00:11 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/e2line_horici8

 1527 e2line_horishort565                               00:00:10 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/e2line_horishort565

 1528 e2line_horishort1555                              00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2line_horishort1555

 1529 e2line_horishort8888                              00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2line_horishort8888

 1530 e2line_horishortci8                               00:00:10 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/e2line_horishortci8

 1531 e2line_nobridge                                   00:00:11 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/e2line_nobridge

 1532 e2line_offscreen                                  00:00:11 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/e2line_offscreen

 1533 e2line_patcount                                   00:00:12 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/e2line_patcount

 1534 e2line_patcount_565                               00:00:12 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/e2line_patcount_565

 1535 e2line_patcount_1555                              00:00:12 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2line_patcount_1555

 1536 e2line_patcount_ci8                               00:00:12 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/e2line_patcount_ci8

 1537 e2line_patcount_poly_565                          00:00:11 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2line_patcount_poly_565

 1538 e2line_patcount_poly_ci8                          00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2line_patcount_poly_ci8

 1539 e2line_ptrn                                       00:00:11 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/e2line_ptrn

 1540 e2line_ptrnplaid                                  00:00:12 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/e2line_ptrnplaid

 1541 e2line_star                                       00:00:11 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/e2line_star
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 1542 e2line_vert565                                    00:00:11 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/e2line_vert565

 1543 e2line_vert1555                                   00:00:11 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/e2line_vert1555

 1544 e2line_vert8888                                   00:00:11 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/e2line_vert8888

 1545 e2line_vertci8                                    00:00:12 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/e2line_vertci8

 1546 e2line_vertshort565                               00:00:10 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/e2line_vertshort565

 1547 e2line_vertshort1555                              00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2line_vertshort1555

 1548 e2line_vertshort8888                              00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2line_vertshort8888

 1549 e2line_vertshortci8                               00:00:10 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/e2line_vertshortci8

 1550 e2line_zeropixel                                  00:00:10 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/e2line_zeropixel

 1551 e2max_values_height                               00:00:18 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/e2max_values_height

 1552 e2max_values_offset                               00:00:11 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/e2max_values_offset

 1553 e2max_values_width                                00:00:18 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/e2max_values_width

 1554 e2max_values_xy                                   00:00:11 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/e2max_values_xy

 1555 e2rop_00_0f                                       00:00:10 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/e2rop_00_0f

 1556 e2rop_10_1f                                       00:00:10 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/e2rop_10_1f

 1557 e2rop_20_2f                                       00:00:10 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/e2rop_20_2f
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 1558 e2rop_30_3f                                    00:00:11 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/e2rop_30_3f

 1559 e2rop_40_4f                                    00:00:10 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/e2rop_40_4f

 1560 e2rop_50_5f                                    00:00:10 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/e2rop_50_5f

 1561 e2rop_60_6f                                    00:00:10 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/e2rop_60_6f

 1562 e2rop_70_7f                                    00:00:10 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/e2rop_70_7f

 1563 e2rop_80_8f                                    00:00:11 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/e2rop_80_8f

 1564 e2rop_90_9f                                    00:00:10 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/e2rop_90_9f

 1565 e2rop_a0_af                                    00:00:11 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/e2rop_a0_af

 1566 e2rop_b0_bf                                    00:00:10 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/e2rop_b0_bf

 1567 e2rop_c0_cf                                    00:00:10 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/e2rop_c0_cf

 1568 e2rop_d0_df                                    00:00:10 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/e2rop_d0_df

 1569 e2rop_e0_ef                                    00:00:10 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/e2rop_e0_ef

 1570 e2rop_f0_ff                                    00:00:11 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/e2rop_f0_ff

 1571 e2scssr_flipped_blits_8888                     00:00:10 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2scssr_flipped_blits_8888

 1572 e2scssr_flipped_lines                          00:00:11 77444 PASS    77444
\\fl_mkelly2\d\r400\regress/77444_030117140633/e2scssr_flipped_lines

 1573 e2scssr_none_565                               00:00:10 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/e2scssr_none_565
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1574 e2scssr_none_1555                                  00:00:10 77444 PASS    77444
                  \\fl_mkelly2\d\r400\regress/77444_030117140633/e2scssr_none_1555

1575 e2scssr_none_8888                                  00:00:11 77444 PASS    77444
                  \\fl_mkelly2\d\r400\regress/77444_030117140633/e2scssr_none_8888

1576 e2scssr_none_ci8                                   00:00:11 77444 PASS    77444
                  \\fl_mkelly2\d\r400\regress/77444_030117140633/e2scssr_none_ci8

1577 e2scssr_within_565                                 00:00:10 77444 PASS    77444
                  \\fl_mkelly2\d\r400\regress/77444_030117140633/e2scssr_within_565

1578 e2scssr_within_1555                                00:00:11 77444 PASS    77444
                  \\fl_mkelly2\d\r400\regress/77444_030117140633/e2scssr_within_1555

1579 e2scssr_within_8888                                00:00:10 77444 PASS    77444
                  \\fl_mkelly2\d\r400\regress/77444_030117140633/e2scssr_within_8888

1580 e2scssr_within_ci8                                 00:00:10 77444 PASS    77444
                  \\fl_mkelly2\d\r400\regress/77444_030117140633/e2scssr_within_ci8

1581 e2scssrB_565                                       00:00:11 77444 PASS    77444
                  \\fl_mkelly2\d\r400\regress/77444_030117140633/e2scssrB_565

1582 e2scssrB_1555                                      00:00:10 77444 PASS    77444
                  \\fl_mkelly2\d\r400\regress/77444_030117140633/e2scssrB_1555

1583 e2scssrB_8888                                      00:00:11 77444 PASS    77444
                  \\fl_mkelly2\d\r400\regress/77444_030117140633/e2scssrB_8888

1584 e2scssrB_ci8                                       00:00:10 77444 PASS    77444
                  \\fl_mkelly2\d\r400\regress/77444_030117140633/e2scssrB_ci8

1585 e2scssrBL_565                                      00:00:11 77444 PASS    77444
                  \\fl_mkelly2\d\r400\regress/77444_030117140633/e2scssrBL_565

1586 e2scssrBL_1555                                     00:00:10 77444 PASS    77444
                  \\fl_mkelly2\d\r400\regress/77444_030117140633/e2scssrBL_1555

1587 e2scssrBL_8888                                     00:00:11 77444 PASS    77444
                  \\fl_mkelly2\d\r400\regress/77444_030117140633/e2scssrBL_8888

1588 e2scssrBL_ci8                                      00:00:10 77444 PASS    77444
                  \\fl_mkelly2\d\r400\regress/77444_030117140633/e2scssrBL_ci8

1589 e2scssrBR_565                                      00:00:11 77444 PASS    77444
                  \\fl_mkelly2\d\r400\regress/77444_030117140633/e2scssrBR_565
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1590 e2scssrBR_1555                                    00:00:11 77444 PASS    77444
                  \\fl_mkelly2\d\r400\regress/77444_030117140633/e2scssrBR_1555

1591 e2scssrBR_8888                                    00:00:11 77444 PASS    77444
                  \\fl_mkelly2\d\r400\regress/77444_030117140633/e2scssrBR_8888

1592 e2scssrBR_ci8                                     00:00:11 77444 PASS    77444
                  \\fl_mkelly2\d\r400\regress/77444_030117140633/e2scssrBR_ci8

1593 e2scssrL_565                                      00:00:11 77444 PASS    77444
                  \\fl_mkelly2\d\r400\regress/77444_030117140633/e2scssrL_565

1594 e2scssrL_1555                                     00:00:10 77444 PASS    77444
                  \\fl_mkelly2\d\r400\regress/77444_030117140633/e2scssrL_1555

1595 e2scssrL_8888                                     00:00:11 77444 PASS    77444
                  \\fl_mkelly2\d\r400\regress/77444_030117140633/e2scssrL_8888

1596 e2scssrL_ci8                                      00:00:11 77444 PASS    77444
                  \\fl_mkelly2\d\r400\regress/77444_030117140633/e2scssrL_ci8

1597 e2scssrLRTB_565                                   00:00:10 77444 PASS    77444
                  \\fl_mkelly2\d\r400\regress/77444_030117140633/e2scssrLRTB_565

1598 e2scssrLRTB_1555                                  00:00:11 77444 PASS    77444
                  \\fl_mkelly2\d\r400\regress/77444_030117140633/e2scssrLRTB_1555

1599 e2scssrLRTB_8888                                  00:00:11 77444 PASS    77444
                  \\fl_mkelly2\d\r400\regress/77444_030117140633/e2scssrLRTB_8888

1600 e2scssrLRTB_ci8                                   00:00:11 77444 PASS    77444
                  \\fl_mkelly2\d\r400\regress/77444_030117140633/e2scssrLRTB_ci8

1601 e2scssrR_565                                      00:00:10 77444 PASS    77444
                  \\fl_mkelly2\d\r400\regress/77444_030117140633/e2scssrR_565

1602 e2scssrR_1555                                     00:00:11 77444 PASS    77444
                  \\fl_mkelly2\d\r400\regress/77444_030117140633/e2scssrR_1555

1603 e2scssrR_8888                                     00:00:11 77444 PASS    77444
                  \\fl_mkelly2\d\r400\regress/77444_030117140633/e2scssrR_8888

1604 e2scssrR_ci8                                      00:00:11 77444 PASS    77444
                  \\fl_mkelly2\d\r400\regress/77444_030117140633/e2scssrR_ci8

1605 e2scssrT_565                                      00:00:10 77444 PASS    77444
                  \\fl_mkelly2\d\r400\regress/77444_030117140633/e2scssrT_565
```

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1606 e2scssrT_1555                                   00:00:11 77444 PASS    77444
                  \\fl_mkelly2\d\r400\regress/77444_030117140633/e2scssrT_1555

1607 e2scssrT_8888                                   00:00:10 77444 PASS    77444
                  \\fl_mkelly2\d\r400\regress/77444_030117140633/e2scssrT_8888

1608 e2scssrT_ci8                                    00:00:11 77444 PASS    77444
                  \\fl_mkelly2\d\r400\regress/77444_030117140633/e2scssrT_ci8

1609 e2scssrTL_565                                   00:00:10 77444 PASS    77444
                  \\fl_mkelly2\d\r400\regress/77444_030117140633/e2scssrTL_565

1610 e2scssrTL_1555                                  00:00:11 77444 PASS    77444
                  \\fl_mkelly2\d\r400\regress/77444_030117140633/e2scssrTL_1555

1611 e2scssrTL_8888                                  00:00:10 77444 PASS    77444
                  \\fl_mkelly2\d\r400\regress/77444_030117140633/e2scssrTL_8888

1612 e2scssrTL_ci8                                   00:00:11 77444 PASS    77444
                  \\fl_mkelly2\d\r400\regress/77444_030117140633/e2scssrTL_ci8

1613 e2scssrTR_565                                   00:00:11 77444 PASS    77444
                  \\fl_mkelly2\d\r400\regress/77444_030117140633/e2scssrTR_565

1614 e2scssrTR_1555                                  00:00:10 77444 PASS    77444
                  \\fl_mkelly2\d\r400\regress/77444_030117140633/e2scssrTR_1555

1615 e2scssrTR_8888                                  00:00:10 77444 PASS    77444
                  \\fl_mkelly2\d\r400\regress/77444_030117140633/e2scssrTR_8888

1616 e2scssrTR_ci8                                   00:00:11 77444 PASS    77444
                  \\fl_mkelly2\d\r400\regress/77444_030117140633/e2scssrTR_ci8

1617 e2src_scssrB                                    00:00:10 77444 PASS    77444
                  \\fl_mkelly2\d\r400\regress/77444_030117140633/e2src_scssrB

1618 e2src_scssrB_565                                00:00:11 77444 PASS    77444
                  \\fl_mkelly2\d\r400\regress/77444_030117140633/e2src_scssrB_565

1619 e2src_scssrB_1555                               00:00:11 77444 PASS    77444
                  \\fl_mkelly2\d\r400\regress/77444_030117140633/e2src_scssrB_1555

1620 e2src_scssrB_ci8                                00:00:10 77444 PASS    77444
                  \\fl_mkelly2\d\r400\regress/77444_030117140633/e2src_scssrB_ci8

1621 e2src_scssrBR                                   00:00:10 77444 PASS    77444
                  \\fl_mkelly2\d\r400\regress/77444_030117140633/e2src_scssrBR
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 1622 e2src_scssrBR_565                                  00:00:11 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/e2src_scssrBR_565

 1623 e2src_scssrBR_1555                                 00:00:11 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/e2src_scssrBR_1555

 1624 e2src_scssrBR_ci8                                  00:00:11 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/e2src_scssrBR_ci8

 1625 e2src_scssrR                                       00:00:11 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/e2src_scssrR

 1626 e2src_scssrR_565                                   00:00:11 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/e2src_scssrR_565

 1627 e2src_scssrR_1555                                  00:00:10 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/e2src_scssrR_1555

 1628 e2src_scssrR_ci8                                   00:00:10 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/e2src_scssrR_ci8

 1629 e2srcsc_565                                        00:00:11 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/e2srcsc_565

 1630 e2srcsc_8888                                       00:00:12 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/e2srcsc_8888

 1631 e2srcsc_ci8                                        00:00:12 77444 PASS    77444
                    \\fl_mkelly2\d\r400\regress/77444_030117140633/e2srcsc_ci8

 1632 r400rbbm_simple_triangle_01                        98:49:45 77444 FAIL
cmp file missing No
+-------------------------------------------------------------------------------------
-----------------------------------+
                                                         107:18:12
```

+ Regression Summary:  R400 EMU SYNC 77444
+ Date: Wed Jan 22 06:59:09 2003

| UNIT | Total Tests | Tests Run | Tests Pass | %Pass |
|---|---|---|---|---|
| SC | 393 | 390 | 381 | 97.69 |
| VGT | 233 | 233 | 192 | 82.40 |
| CL | 341 | 336 | 335 | 99.70 |
| SU | 148 | 147 | 137 | 93.20 |
| VTE | 39 | 38 | 37 | 97.37 |
| CP | 492 | 479 | 469 | 97.91 |
| RBBM | 1 | 1 | 0 | 0.00 |
| BUGS | 0 | 0 | 0 | 0.00 |
| SANITY | 1 | 1 | 1 | 100.00 |
| STRESS | 0 | 0 | 0 | 0.00 |
| PERF | 7 | 7 | 6 | 85.71 |
| TOTAL | 1655 | 1632 | 1558 | 95.47 |

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+-------------------------------------------------------------------------------------------
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+ R400 EMU TEST REGRESS HISTORY Thu Jan 23 06:48:59 2003
+-------------------------------------------------------------------------------------------
-----------------------------------+
+ No  Test Name                                          Emu Time Sync  Status
LastPass FailReason          MostRecentPath +
+-------------------------------------------------------------------------------------------
-----------------------------------+
    1 r400sc_rts_01                                     00:00:30 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_rts_01

    2 r400sc_pinwheel_03                                00:02:02 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_pinwheel_03

    3 r400sc_pkr_row_wrap_disable_rts_01                00:00:36 78411 FAIL
r400sc_pkr_row_wrap_
    4 r400sc_vtx_and_pix_pipe_disable_combos_05         00:05:54 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_vtx_and_pix_pipe_disable_combos_0
5
    5 r400sc_vtx_pipe_disable_0101_01                   00:00:17 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_vtx_pipe_disable_0101_01

    6 r400sc_vtx_pipe_disable_0100_01                   00:00:16 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_vtx_pipe_disable_0100_01

    7 r400sc_vtx_and_pix_pipe_disable_rnd_combos_01     00:00:59 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_vtx_and_pix_pipe_disable_rnd_comb
os_01
    8 r400sc_vtx_and_pix_pipe_disable_rnd_combos_02     00:00:31 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_vtx_and_pix_pipe_disable_rnd_comb
os_02
    9 r400sc_vtx_pipe_disable_combos_01                 00:00:56 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_vtx_pipe_disable_combos_01

   10 r400sc_vtx_and_pix_pipe_disable_combos_01         00:01:00 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_vtx_and_pix_pipe_disable_combos_0
1
   11 r400sc_pix_pipe_disable_combos_01                 00:00:58 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_pix_pipe_disable_combos_01

   12 r400sc_vtx_pipe_disable_combos_02                 00:00:28 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_vtx_pipe_disable_combos_02

   13 r400sc_vtx_and_pix_pipe_disable_combos_02         00:00:34 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_vtx_and_pix_pipe_disable_combos_0
2
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   14 r400sc_pix_pipe_disable_combos_02                  00:00:32 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_pix_pipe_disable_combos_02

   15 r400sc_vtx_pipe_disable_combos_03                  00:00:36 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_vtx_pipe_disable_combos_03

   16 r400sc_vtx_and_pix_pipe_disable_combos_03          00:00:45 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_vtx_and_pix_pipe_disable_combos_0
3
   17 r400sc_vtx_and_pix_pipe_disable_combos_04          00:10:36 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_vtx_and_pix_pipe_disable_combos_0
4
   18 r400sc_pix_pipe_disable_combos_03                  00:00:44 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_pix_pipe_disable_combos_03

   19 r400sc_centers_and_centroids_state_switching_01    00:00:16 78411 FAIL
compare mismatch **
   20 r400sc_msaa_8_simple_triangle_01                   00:00:12 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_msaa_8_simple_triangle_01

   21 r400sc_viz_query_02                                00:00:26 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_viz_query_02

   22 r400sc_pipe_disable_v0_p0_01                       00:00:12 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_pipe_disable_v0_p0_01

   23 r400sc_pipe_disable_v01_p01_01                     00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_pipe_disable_v01_p01_01

   24 r400sc_pipe_disable_v2_p2_01                       00:00:12 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_pipe_disable_v2_p2_01

   25 r400sc_pipe_disable_v02_p02_01                     00:00:12 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_pipe_disable_v02_p02_01

   26 r400sc_pipe_disable_v12_p12_01                     00:00:12 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_pipe_disable_v12_p12_01

   27 r400sc_pipe_disable_v012_p012_01                   00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_pipe_disable_v012_p012_01

   28 r400sc_pipe_disable_v3_p3_01                       00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_pipe_disable_v3_p3_01

   29 r400sc_pipe_disable_v03_p03_01                     00:00:12 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_pipe_disable_v03_p03_01

   30 r400sc_pipe_disable_v13_p13_01                     00:00:12 78411 PASS    78411
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\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_pipe_disable_v13_p13_01

   31 r400sc_pipe_disable_v013_p013_01                    00:00:12 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_pipe_disable_v013_p013_01

   32 r400sc_pipe_disable_v23_p23_01                      00:00:12 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_pipe_disable_v23_p23_01

   33 r400sc_pipe_disable_v023_p023_01                    00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_pipe_disable_v023_p023_01

   34 r400sc_pipe_disable_v123_p123_01                    00:00:12 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_pipe_disable_v123_p123_01

   35 r400sc_simple_register_indirect                     00:00:12 78411 FAIL
gold or cmp file mis
   36 r400sc_simple_triangle_01                           00:00:13 78411 FAIL
compare mismatch **
   37 r400sc_fifo_sizing_01                               00:00:25 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_fifo_sizing_01

   38 r400sc_clip_vtx_reorder_01                          00:00:40 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_clip_vtx_reorder_01

   39 r400sc_pipes_2_3_disabled_01                        00:00:19 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_pipes_2_3_disabled_01

   40 r400sc_pkr_row_wrap_disable_01                      00:00:35 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_pkr_row_wrap_disable_01

   41 r400sc_pkr_row_wrap_disable_02                      00:01:25 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_pkr_row_wrap_disable_02

   42 r400sc_pkr_row_wrap_disable_03                      00:01:46 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_pkr_row_wrap_disable_03

   43 r400sc_pkr_row_wrap_disable_04                      00:01:45 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_pkr_row_wrap_disable_04

   44 r400sc_pkr_row_wrap_disable_05                      00:02:22 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_pkr_row_wrap_disable_05

   45 r400sc_quad_order_enable_01                         00:00:19 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_quad_order_enable_01

   46 r400sc_one_quad_per_clock_enable_01                 00:00:20 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_one_quad_per_clock_enable_01
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   47 r400sc_pix_pipes_2_3_disabled_01                    00:00:15 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_pix_pipes_2_3_disabled_01

   48 r400sc_persp_corr_disable_01                        00:00:14 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_persp_corr_disable_01

   49 r400sc_max_line_width_01                            00:01:02 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_max_line_width_01

   50 r400sc_max_line_width_02                            00:01:01 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_max_line_width_02

   51 r400sc_hw_coords_01                                 00:00:14 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_hw_coords_01

   52 r400sc_hw_coords_02                                 00:00:14 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_hw_coords_02

   53 r400sc_hw_coords_03                                 00:00:13 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_hw_coords_03

   54 r400sc_hw_coords_04                                 00:00:17 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_hw_coords_04

   55 r400sc_hw_coords_05                                 00:00:38 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_hw_coords_05

   56 r400sc_baryc_01                                     00:00:28 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_baryc_01

   57 r400sc_baryc_02                                     00:00:15 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_baryc_02

   58 r400sc_bres_cntl_01                                 00:00:14 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_bres_cntl_01

   59 r400sc_bres_cntl_02                                 00:00:26 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_bres_cntl_02

   60 r400sc_bres_cntl_03                                 00:00:25 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_bres_cntl_03

   61 r400sc_bres_cntl_04                                 00:00:27 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_bres_cntl_04

   62 r400sc_bres_cntl_w2k_01                             00:00:14 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_bres_cntl_w2k_01
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   63 r400sc_bres_cntl_w9x_01                              00:00:14 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_bres_cntl_w9x_01

   64 r400sc_clip_rect_01                                  00:00:18 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_clip_rect_01

   65 r400sc_clip_rect_02                                  00:00:19 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_clip_rect_02

   66 r400sc_clip_rect_03                                  00:00:18 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_clip_rect_03

   67 r400sc_clip_rect_04                                  00:00:19 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_clip_rect_04

   68 r400sc_clip_rect_fc_01                               00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_clip_rect_fc_01

   69 r400sc_clipped_triangle_polymode_line_stippled_01  00:00:12 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_clipped_triangle_polymode_line_st
ippled_01
   70 r400sc_diamond_exit_01                               00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_diamond_exit_01

   71 r400sc_diamond_exit_02                               00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_diamond_exit_02

   72 r400sc_diamond_exit_03                               00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_diamond_exit_03

   73 r400sc_diamond_exit_04                               00:00:12 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_diamond_exit_04

   74 r400sc_diamond_exit_05                               00:00:12 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_diamond_exit_05

   75 r400sc_jss_1x1_primtypes_01                          00:00:17 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_jss_1x1_primtypes_01

   76 r400sc_jss_1x2_01                                    00:00:14 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_jss_1x2_01

   77 r400sc_jss_1x2_02                                    00:00:13 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_jss_1x2_02

   78 r400sc_jss_1x2_primtypes_01                          00:00:17 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_jss_1x2_primtypes_01
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   79 r400sc_jss_1x3_01                                  00:00:13 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_jss_1x3_01

   80 r400sc_jss_1x3_02                                  00:00:14 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_jss_1x3_02

   81 r400sc_jss_1x3_primtypes_01                        00:00:17 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_jss_1x3_primtypes_01

   82 r400sc_jss_1x4_01                                  00:00:14 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_jss_1x4_01

   83 r400sc_jss_1x4_02                                  00:00:15 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_jss_1x4_02

   84 r400sc_jss_1x4_primtypes_01                        00:00:18 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_jss_1x4_primtypes_01

   85 r400sc_jss_2x1_01                                  00:00:14 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_jss_2x1_01

   86 r400sc_jss_2x1_02                                  00:00:14 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_jss_2x1_02

   87 r400sc_jss_2x1_primtypes_01                        00:00:18 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_jss_2x1_primtypes_01

   88 r400sc_jss_2x2_01                                  00:00:13 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_jss_2x2_01

   89 r400sc_jss_2x2_02                                  00:00:15 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_jss_2x2_02

   90 r400sc_jss_2x2_primtypes_01                        00:00:17 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_jss_2x2_primtypes_01

   91 r400sc_jss_2x3_01                                  00:00:13 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_jss_2x3_01

   92 r400sc_jss_2x3_02                                  00:00:16 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_jss_2x3_02

   93 r400sc_jss_2x3_primtypes_01                        00:00:17 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_jss_2x3_primtypes_01

   94 r400sc_jss_2x4_01                                  00:00:14 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_jss_2x4_01
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   95 r400sc_jss_2x4_02                                00:00:17 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_jss_2x4_02

   96 r400sc_jss_2x4_primtypes_01                      00:00:18 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_jss_2x4_primtypes_01

   97 r400sc_jss_3x1_01                                00:00:13 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_jss_3x1_01

   98 r400sc_jss_3x1_02                                00:00:15 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_jss_3x1_02

   99 r400sc_jss_3x1_primtypes_01                      00:00:17 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_jss_3x1_primtypes_01

  100 r400sc_jss_3x2_01                                00:00:14 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_jss_3x2_01

  101 r400sc_jss_3x2_02                                00:00:16 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_jss_3x2_02

  102 r400sc_jss_3x2_primtypes_01                      00:00:18 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_jss_3x2_primtypes_01

  103 r400sc_jss_3x3_01                                00:00:13 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_jss_3x3_01

  104 r400sc_jss_3x3_02                                00:00:19 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_jss_3x3_02

  105 r400sc_jss_3x3_primtypes_01                      00:00:18 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_jss_3x3_primtypes_01

  106 r400sc_jss_3x4_01                                00:00:14 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_jss_3x4_01

  107 r400sc_jss_3x4_02                                00:00:12 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_jss_3x4_02

  108 r400sc_jss_3x4_03                                00:00:20 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_jss_3x4_03

  109 r400sc_jss_3x4_primtypes_01                      00:00:17 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_jss_3x4_primtypes_01

  110 r400sc_jss_4x1_01                                00:00:13 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_jss_4x1_01
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  111 r400sc_jss_4x1_02                                  00:00:15 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_jss_4x1_02

  112 r400sc_jss_4x1_primtypes_01                        00:00:18 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_jss_4x1_primtypes_01

  113 r400sc_jss_4x2_01                                  00:00:14 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_jss_4x2_01

  114 r400sc_jss_4x2_02                                  00:00:17 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_jss_4x2_02

  115 r400sc_jss_4x2_primtypes_01                        00:00:18 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_jss_4x2_primtypes_01

  116 r400sc_jss_4x3_01                                  00:00:14 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_jss_4x3_01

  117 r400sc_jss_4x3_02                                  00:00:20 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_jss_4x3_02

  118 r400sc_jss_4x3_primtypes_01                        00:00:19 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_jss_4x3_primtypes_01

  119 r400sc_jss_4x4_01                                  00:00:14 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_jss_4x4_01

  120 r400sc_jss_4x4_02                                  00:00:21 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_jss_4x4_02

  121 r400sc_jss_4x4_03                                  00:00:13 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_jss_4x4_03

  122 r400sc_jss_4x4_aa_mask_01                          00:00:22 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_jss_4x4_aa_mask_01

  123 r400sc_jss_4x4_aa_mask_02                          00:01:20 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_jss_4x4_aa_mask_02

  124 r400sc_jss_4x4_fc_01                               00:00:14 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_jss_4x4_fc_01

  125 r400sc_jss_4x4_fc_02                               00:00:17 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_jss_4x4_fc_02

  126 r400sc_jss_4x4_max_dist_01                         00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_jss_4x4_max_dist_01
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  127 r400sc_jss_4x4_primtypes_01                          00:00:18 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_jss_4x4_primtypes_01

  128 r400sc_line_dx10_eq_0_01                             00:00:12 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_line_dx10_eq_0_01

  129 r400sc_line_dx10_ge_0_01                             00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_line_dx10_ge_0_01

  130 r400sc_line_dx10_lt_0_01                             00:00:12 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_line_dx10_lt_0_01

  131 r400sc_line_dy10_eq_0_01                             00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_line_dy10_eq_0_01

  132 r400sc_line_dy10_ge_0_01                             00:00:12 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_line_dy10_ge_0_01

  133 r400sc_line_dy10_lt_0_01                             00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_line_dy10_lt_0_01

  134 r400sc_line_expand_width_msaa_8_01                   00:00:17 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_line_expand_width_msaa_8_01

  135 r400sc_line_expand_width_msaa_8_02                   00:00:18 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_line_expand_width_msaa_8_02

  136 r400sc_line_expand_width_msaa_8_03                   00:00:17 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_line_expand_width_msaa_8_03

  137 r400sc_line_jss_3x4_01                               00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_line_jss_3x4_01

  138 r400sc_line_list_01                                  00:00:13 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_line_list_01

  139 r400sc_line_list_02                                  00:00:13 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_line_list_02

  140 r400sc_line_list_03                                  00:01:05 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_line_list_03

  141 r400sc_line_list_04                                  00:01:12 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_line_list_04

  142 r400sc_line_list_05                                  00:00:14 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_line_list_05
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  143 r400sc_line_list_06                                 00:00:17 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_line_list_06

  144 r400sc_line_list_07                                 00:00:17 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_line_list_07

  145 r400sc_line_list_08                                 00:00:15 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_line_list_08

  146 r400sc_line_list_09                                 00:00:14 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_line_list_09

  147 r400sc_line_list_10                                 00:00:15 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_line_list_10

  148 r400sc_line_list_11                                 00:00:14 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_line_list_11

  149 r400sc_line_list_12                                 00:00:15 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_line_list_12

  150 r400sc_line_list_13                                 00:00:13 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_line_list_13

  151 r400sc_line_list_14                                 00:00:13 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_line_list_14

  152 r400sc_line_list_15                                 00:00:14 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_line_list_15

  153 r400sc_line_list_16                                 00:00:14 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_line_list_16

  154 r400sc_line_list_17                                 00:00:14 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_line_list_17

  155 r400sc_line_list_18                                 00:00:14 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_line_list_18

  156 r400sc_line_list_concentric_circle_01               00:00:16 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_line_list_concentric_circle_01

  157 r400sc_line_list_concentric_circle_02               00:00:19 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_line_list_concentric_circle_02

  158 r400sc_line_list_concentric_circle_03               00:00:18 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_line_list_concentric_circle_03
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  159 r400sc_line_list_textured_01                        00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_line_list_textured_01

  160 r400sc_line_list_verify_st_01                       00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_line_list_verify_st_01

  161 r400sc_line_msaa_8_01                               00:00:14 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_line_msaa_8_01

  162 r400sc_line_msaa_8_textured_01                      00:00:20 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_line_msaa_8_textured_01

  163 r400sc_line_msaa_8_textured_fc_01                   00:00:14 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_line_msaa_8_textured_fc_01

  164 r400sc_line_stipple_01                              00:00:12 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_line_stipple_01

  165 r400sc_line_stipple_02                              00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_line_stipple_02

  166 r400sc_line_stipple_03                              00:00:12 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_line_stipple_03

  167 r400sc_line_stipple_04                              00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_line_stipple_04

  168 r400sc_line_stipple_05                              00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_line_stipple_05

  169 r400sc_line_stipple_06                              00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_line_stipple_06

  170 r400sc_line_stipple_07                              00:00:20 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_line_stipple_07

  171 r400sc_line_stipple_08                              00:00:20 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_line_stipple_08

  172 r400sc_line_stipple_09                              00:00:19 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_line_stipple_09

  173 r400sc_line_stipple_10                              00:00:15 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_line_stipple_10

  174 r400sc_line_stipple_11                              00:00:15 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_line_stipple_11
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  175 r400sc_line_stipple_12                          00:00:15 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_line_stipple_12

  176 r400sc_line_stipple_13                          00:00:16 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_line_stipple_13

  177 r400sc_line_stipple_14                          00:00:16 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_line_stipple_14

  178 r400sc_line_stipple_15                          00:00:23 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_line_stipple_15

  179 r400sc_line_stipple_16                          00:00:23 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_line_stipple_16

  180 r400sc_line_stipple_17                          00:00:27 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_line_stipple_17

  181 r400sc_line_stipple_18                          00:00:18 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_line_stipple_18

  182 r400sc_line_stipple_19                          00:00:28 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_line_stipple_19

  183 r400sc_line_stipple_20                          00:00:26 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_line_stipple_20

  184 r400sc_line_stipple_21                          00:00:26 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_line_stipple_21

  185 r400sc_line_stipple_22                          00:00:26 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_line_stipple_22

  186 r400sc_line_stipple_23                          00:00:28 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_line_stipple_23

  187 r400sc_line_stipple_fc_08                       00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_line_stipple_fc_08

  188 r400sc_line_strip_stipple_01                    00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_line_strip_stipple_01

  189 r400sc_msaa_1_01                                00:00:18 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_msaa_1_01

  190 r400sc_msaa_1_primtypes_01                      00:00:16 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_msaa_1_primtypes_01
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  191 r400sc_msaa_1_rectangle_list_01                    00:00:12 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_msaa_1_rectangle_list_01

  192 r400sc_msaa_1_rectangle_list_02                    00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_msaa_1_rectangle_list_02

  193 r400sc_msaa_1_rectangle_list_03                    00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_msaa_1_rectangle_list_03

  194 r400sc_msaa_1_rectangle_list_04                    00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_msaa_1_rectangle_list_04

  195 r400sc_msaa_1_rectangle_list_05                    00:00:12 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_msaa_1_rectangle_list_05

  196 r400sc_msaa_1_rectangle_list_06                    00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_msaa_1_rectangle_list_06

  197 r400sc_msaa_1_rectangle_list_07                    00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_msaa_1_rectangle_list_07

  198 r400sc_msaa_1_rectangle_list_08                    00:00:12 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_msaa_1_rectangle_list_08

  199 r400sc_msaa_1_zbuffer_rectangle_list_01            00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_msaa_1_zbuffer_rectangle_list_01

  200 r400sc_msaa_1_zbuffer_rectangle_list_02            00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_msaa_1_zbuffer_rectangle_list_02

  201 r400sc_msaa_2_primtypes_01                         00:00:16 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_msaa_2_primtypes_01

  202 r400sc_msaa_2_rectangle_list_01                    00:00:12 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_msaa_2_rectangle_list_01

  203 r400sc_msaa_2_rectangle_list_02                    00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_msaa_2_rectangle_list_02

  204 r400sc_msaa_2_rectangle_list_03                    00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_msaa_2_rectangle_list_03

  205 r400sc_msaa_2_rectangle_list_04                    00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_msaa_2_rectangle_list_04

  206 r400sc_msaa_2_rectangle_list_05                    00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_msaa_2_rectangle_list_05
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  207 r400sc_msaa_2_rectangle_list_06                    00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_msaa_2_rectangle_list_06

  208 r400sc_msaa_2_rectangle_list_07                    00:00:12 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_msaa_2_rectangle_list_07

  209 r400sc_msaa_2_rectangle_list_08                    00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_msaa_2_rectangle_list_08

  210 r400sc_msaa_2_zbuffer_rectangle_list_01            00:00:12 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_msaa_2_zbuffer_rectangle_list_01

  211 r400sc_msaa_2_zbuffer_rectangle_list_02            00:00:12 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_msaa_2_zbuffer_rectangle_list_02

  212 r400sc_msaa_3_primtypes_01                         00:00:16 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_msaa_3_primtypes_01

  213 r400sc_msaa_3_rectangle_list_01                    00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_msaa_3_rectangle_list_01

  214 r400sc_msaa_3_rectangle_list_02                    00:00:12 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_msaa_3_rectangle_list_02

  215 r400sc_msaa_3_rectangle_list_03                    00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_msaa_3_rectangle_list_03

  216 r400sc_msaa_3_rectangle_list_04                    00:00:12 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_msaa_3_rectangle_list_04

  217 r400sc_msaa_3_rectangle_list_05                    00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_msaa_3_rectangle_list_05

  218 r400sc_msaa_3_rectangle_list_06                    00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_msaa_3_rectangle_list_06

  219 r400sc_msaa_3_rectangle_list_07                    00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_msaa_3_rectangle_list_07

  220 r400sc_msaa_3_rectangle_list_08                    00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_msaa_3_rectangle_list_08

  221 r400sc_msaa_3_zbuffer_rectangle_list_01            00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_msaa_3_zbuffer_rectangle_list_01

  222 r400sc_msaa_3_zbuffer_rectangle_list_02            00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_msaa_3_zbuffer_rectangle_list_02
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  223 r400sc_msaa_4_01                                  00:00:18 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_msaa_4_01

  224 r400sc_msaa_4_primtypes_01                        00:00:17 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_msaa_4_primtypes_01

  225 r400sc_msaa_4_rectangle_list_01                   00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_msaa_4_rectangle_list_01

  226 r400sc_msaa_4_rectangle_list_02                   00:00:12 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_msaa_4_rectangle_list_02

  227 r400sc_msaa_4_rectangle_list_03                   00:00:12 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_msaa_4_rectangle_list_03

  228 r400sc_msaa_4_rectangle_list_04                   00:00:12 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_msaa_4_rectangle_list_04

  229 r400sc_msaa_4_rectangle_list_05                   00:00:12 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_msaa_4_rectangle_list_05

  230 r400sc_msaa_4_rectangle_list_06                   00:00:12 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_msaa_4_rectangle_list_06

  231 r400sc_msaa_4_rectangle_list_07                   00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_msaa_4_rectangle_list_07

  232 r400sc_msaa_4_rectangle_list_08                   00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_msaa_4_rectangle_list_08

  233 r400sc_msaa_4_zbuffer_rectangle_list_01           00:00:12 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_msaa_4_zbuffer_rectangle_list_01

  234 r400sc_msaa_4_zbuffer_rectangle_list_02           00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_msaa_4_zbuffer_rectangle_list_02

  235 r400sc_msaa_6_01                                  00:00:18 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_msaa_6_01

  236 r400sc_msaa_6_primtypes_01                        00:00:17 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_msaa_6_primtypes_01

  237 r400sc_msaa_6_rectangle_list_01                   00:00:12 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_msaa_6_rectangle_list_01

  238 r400sc_msaa_6_rectangle_list_02                   00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_msaa_6_rectangle_list_02
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  239 r400sc_msaa_6_rectangle_list_03                    00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_msaa_6_rectangle_list_03

  240 r400sc_msaa_6_rectangle_list_04                    00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_msaa_6_rectangle_list_04

  241 r400sc_msaa_6_rectangle_list_05                    00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_msaa_6_rectangle_list_05

  242 r400sc_msaa_6_rectangle_list_06                    00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_msaa_6_rectangle_list_06

  243 r400sc_msaa_6_rectangle_list_07                    00:00:12 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_msaa_6_rectangle_list_07

  244 r400sc_msaa_6_rectangle_list_08                    00:00:12 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_msaa_6_rectangle_list_08

  245 r400sc_msaa_6_zbuffer_rectangle_list_01            00:00:12 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_msaa_6_zbuffer_rectangle_list_01

  246 r400sc_msaa_6_zbuffer_rectangle_list_02            00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_msaa_6_zbuffer_rectangle_list_02

  247 r400sc_msaa_8_01                                   00:00:18 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_msaa_8_01

  248 r400sc_msaa_8_02                                   00:00:13 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_msaa_8_02

  249 r400sc_msaa_8_03                                   00:00:13 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_msaa_8_03

  250 r400sc_msaa_8_04                                   00:00:13 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_msaa_8_04

  251 r400sc_msaa_8_05                                   00:00:14 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_msaa_8_05

  252 r400sc_msaa_8_aa_mask_01                           00:00:17 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_msaa_8_aa_mask_01

  253 r400sc_msaa_8_aa_mask_02                           00:00:33 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_msaa_8_aa_mask_02

  254 r400sc_msaa_8_aa_mask_fc_02                        00:00:16 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_msaa_8_aa_mask_fc_02
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  255 r400sc_msaa_8_primtypes_01                          00:00:17 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_msaa_8_primtypes_01

  256 r400sc_msaa_8_rectangle_list_01                     00:00:12 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_msaa_8_rectangle_list_01

  257 r400sc_msaa_8_rectangle_list_02                     00:00:12 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_msaa_8_rectangle_list_02

  258 r400sc_msaa_8_rectangle_list_03                     00:00:12 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_msaa_8_rectangle_list_03

  259 r400sc_msaa_8_rectangle_list_04                     00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_msaa_8_rectangle_list_04

  260 r400sc_msaa_8_rectangle_list_05                     00:00:12 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_msaa_8_rectangle_list_05

  261 r400sc_msaa_8_rectangle_list_06                     00:00:12 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_msaa_8_rectangle_list_06

  262 r400sc_msaa_8_rectangle_list_07                     00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_msaa_8_rectangle_list_07

  263 r400sc_msaa_8_rectangle_list_08                     00:00:12 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_msaa_8_rectangle_list_08

  264 r400sc_msaa_8_zbuffer_rectangle_list_01             00:00:12 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_msaa_8_zbuffer_rectangle_list_01

  265 r400sc_msaa_8_zbuffer_rectangle_list_02             00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_msaa_8_zbuffer_rectangle_list_02

  266 r400sc_null_triangles_01                            00:00:17 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_null_triangles_01

  267 r400sc_null_triangles_fc_01                         00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_null_triangles_fc_01

  268 r400sc_packed_color_01                              00:00:15 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_packed_color_01

  269 r400sc_perf_01                                      00:00:18 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_perf_01

  270 r400sc_perf_02                                      00:00:16 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_perf_02
```

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  271 r400sc_perf_03                                  00:00:15 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_perf_03

  272 r400sc_pinwheel_01                              00:00:23 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_pinwheel_01

  273 r400sc_pinwheel_02                              00:00:13 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_pinwheel_02

  274 r400sc_point_jss_3x4_01                         00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_point_jss_3x4_01

  275 r400sc_point_list_01                            00:00:32 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_point_list_01

  276 r400sc_point_list_02                            00:00:15 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_point_list_02

  277 r400sc_point_list_03                            00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_point_list_03

  278 r400sc_point_list_04                            00:00:30 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_point_list_04

  279 r400sc_point_list_05                            00:00:14 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_point_list_05

  280 r400sc_point_list_06                            00:00:15 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_point_list_06

  281 r400sc_point_list_07                            00:00:12 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_point_list_07

  282 r400sc_point_list_08                            00:00:12 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_point_list_08

  283 r400sc_point_list_09                            00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_point_list_09

  284 r400sc_point_msaa_8_01                          00:00:14 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_point_msaa_8_01

  285 r400sc_poly_offset_01                           00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_poly_offset_01

  286 r400sc_poly_offset_02                           00:00:19 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_poly_offset_02
```

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  287 r400sc_poly_offset_03                           00:01:08 78411 FAIL
compare mismatch **
  288 r400sc_poly_offset_04                           00:00:14 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_poly_offset_04

  289 r400sc_poly_offset_05                           00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_poly_offset_05

  290 r400sc_poly_offset_06                           00:00:12 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_poly_offset_06

  291 r400sc_poly_offset_07                           00:00:14 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_poly_offset_07

  292 r400sc_poly_offset_08                           00:00:12 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_poly_offset_08

  293 r400sc_poly_offset_09                           00:01:11 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_poly_offset_09

  294 r400sc_poly_offset_10                           00:01:16 78411 FAIL
gold or cmp file mis
  295 r400sc_poly_offset_fc_01                        00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_poly_offset_fc_01

  296 r400sc_polygon_stipple_01                       00:00:18 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_polygon_stipple_01

  297 r400sc_polymode_tri_fill_01                     00:00:12 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_polymode_tri_fill_01

  298 r400sc_prsp_byc_intrp_ref_pix_01                00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_prsp_byc_intrp_ref_pix_01

  299 r400sc_prsp_byc_intrp_ref_pix_02                00:00:12 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_prsp_byc_intrp_ref_pix_02

  300 r400sc_prsp_byc_intrp_ref_pix_03                00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_prsp_byc_intrp_ref_pix_03

  301 r400sc_prsp_byc_intrp_ref_pix_04                00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_prsp_byc_intrp_ref_pix_04

  302 r400sc_prsp_byc_intrp_ref_pix_05                00:00:12 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_prsp_byc_intrp_ref_pix_05

  303 r400sc_prsp_byc_intrp_ref_pix_06                00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_prsp_byc_intrp_ref_pix_06
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  304 r400sc_prsp_byc_intrp_ref_pix_07                  00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_prsp_byc_intrp_ref_pix_07

  305 r400sc_prsp_byc_intrp_ref_pix_08                  00:00:12 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_prsp_byc_intrp_ref_pix_08

  306 r400sc_raster_fill_rule_01                        00:00:12 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_raster_fill_rule_01

  307 r400sc_raster_fill_rule_02                        00:00:56 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_raster_fill_rule_02

  308 r400sc_raster_fill_rule_03                        00:00:41 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_raster_fill_rule_03

  309 r400sc_raster_fill_rule_04                        00:00:24 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_raster_fill_rule_04

  310 r400sc_raster_fill_rule_05                        00:00:28 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_raster_fill_rule_05

  311 r400sc_raster_fill_rule_07                        00:00:33 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_raster_fill_rule_07

  312 r400sc_raster_fill_rule_08                        00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_raster_fill_rule_08

  313 r400sc_raster_fill_rule_09                        00:00:32 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_raster_fill_rule_09

  314 r400sc_raster_fill_rule_10                        00:00:20 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_raster_fill_rule_10

  315 r400sc_raster_fill_rule_11                        00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_raster_fill_rule_11

  316 r400sc_raster_fill_rule_12                        00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_raster_fill_rule_12

  317 r400sc_raster_fill_rule_13                        00:00:14 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_raster_fill_rule_13

  318 r400sc_raster_fill_rule_14                        00:00:29 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_raster_fill_rule_14

  319 r400sc_raster_fill_rule_15                        00:00:12 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_raster_fill_rule_15
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  320 r400sc_raster_fill_rule_16                          00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_raster_fill_rule_16

  321 r400sc_raster_fill_rule_17                          00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_raster_fill_rule_17

  322 r400sc_raster_fill_rule_18                          00:00:28 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_raster_fill_rule_18

  323 r400sc_raster_fill_rule_19                          00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_raster_fill_rule_19

  324 r400sc_raster_fill_rule_20                          00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_raster_fill_rule_20

  325 r400sc_raster_fill_rule_21                          00:00:12 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_raster_fill_rule_21

  326 r400sc_raster_fill_rule_22                          00:00:28 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_raster_fill_rule_22

  327 r400sc_raster_fill_rule_23                          00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_raster_fill_rule_23

  328 r400sc_raster_fill_rule_24                          00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_raster_fill_rule_24

  329 r400sc_raster_fill_rule_25                          00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_raster_fill_rule_25

  330 r400sc_raster_fill_rule_26                          00:00:28 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_raster_fill_rule_26

  331 r400sc_raster_fill_rule_fc_01                       00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_raster_fill_rule_fc_01

  332 r400sc_rbbm_reg_read                                00:00:07 78411 FAIL
gold or cmp file mis
  333 r400sc_rectangle_list_01                            00:00:12 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_rectangle_list_01

  334 r400sc_rectangle_list_02                            00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_rectangle_list_02

  335 r400sc_rectangle_list_03                            00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_rectangle_list_03
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  336 r400sc_rectangle_list_04                          00:00:12 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_rectangle_list_04

  337 r400sc_rectangle_list_05                          00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_rectangle_list_05

  338 r400sc_rectangle_list_06                          00:00:12 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_rectangle_list_06

  339 r400sc_rectangle_list_07                          00:00:12 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_rectangle_list_07

  340 r400sc_rectangle_list_08                          00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_rectangle_list_08

  341 r400sc_scissor_rect_01                            00:00:17 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_scissor_rect_01

  342 r400sc_scissor_rect_02                            00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_scissor_rect_02

  343 r400sc_scissor_rect_03                            00:00:18 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_scissor_rect_03

  344 r400sc_scissor_rect_04                            00:00:28 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_scissor_rect_04

  345 r400sc_scissor_rect_05                            00:00:18 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_scissor_rect_05

  346 r400sc_scissor_rect_fc_01                         00:00:12 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_scissor_rect_fc_01

  347 r400sc_set_state_01                               00:00:14 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_set_state_01

  348 r400sc_sp_sample_cntl_01                          00:00:15 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_sp_sample_cntl_01

  349 r400sc_sp_sample_cntl_02                          00:00:23 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_sp_sample_cntl_02

  350 r400sc_sp_sample_cntl_03                          00:00:37 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_sp_sample_cntl_03

  351 r400sc_sp_sample_cntl_04                          00:00:38 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_sp_sample_cntl_04
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352 r400sc_sp_sample_cntl_05 00:00:33 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_sp_sample_cntl_05

353 r400sc_sp_sample_cntl_06 00:00:37 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_sp_sample_cntl_06

354 r400sc_sp_sample_cntl_07 00:00:34 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_sp_sample_cntl_07

355 r400sc_sp_sample_cntl_08 00:00:33 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_sp_sample_cntl_08

356 r400sc_sp_sample_cntl_fc_03 00:00:14 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_sp_sample_cntl_fc_03

357 r400sc_sp_sample_cntl_fc_05 00:00:14 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_sp_sample_cntl_fc_05

358 r400sc_tri_16_par_64_dwords_01 00:00:28 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_tri_16_par_64_dwords_01

359 r400sc_tri_8textures_01 00:00:14 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_tri_8textures_01

360 r400sc_tri_8textures_02 00:00:30 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_tri_8textures_02

361 r400sc_tri_walk_start_vertex_01 00:00:25 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_tri_walk_start_vertex_01

362 r400sc_tri_walk_start_vertex_02 00:00:24 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_tri_walk_start_vertex_02

363 r400sc_tri_walk_start_vertex_03 00:00:24 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_tri_walk_start_vertex_03

364 r400sc_tri_walk_start_vertex_04 00:00:24 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_tri_walk_start_vertex_04

365 r400sc_tri_walk_start_vertex_05 00:00:24 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_tri_walk_start_vertex_05

366 r400sc_tri_walk_start_vertex_06 00:00:23 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_tri_walk_start_vertex_06

367 r400sc_tri_walk_start_vertex_07 00:00:24 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_tri_walk_start_vertex_07

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  368 r400sc_tri_walk_start_vertex_08                    00:00:23 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_tri_walk_start_vertex_08

  369 r400sc_tri_walk_start_vertex_09                    00:00:24 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_tri_walk_start_vertex_09

  370 r400sc_tri_walk_start_vertex_10                    00:00:23 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_tri_walk_start_vertex_10

  371 r400sc_tri_walk_start_vertex_11                    00:00:24 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_tri_walk_start_vertex_11

  372 r400sc_tri_walk_start_vertex_12                    00:00:24 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_tri_walk_start_vertex_12

  373 r400sc_tri_walk_start_vertex_13                    00:00:23 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_tri_walk_start_vertex_13

  374 r400sc_tri_walk_start_vertex_14                    00:00:23 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_tri_walk_start_vertex_14

  375 r400sc_tri_walk_start_vertex_15                    00:00:24 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_tri_walk_start_vertex_15

  376 r400sc_tri_walk_start_vertex_16                    00:00:24 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_tri_walk_start_vertex_16

  377 r400sc_triangle_stipple_01                         00:00:24 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_triangle_stipple_01

  378 r400sc_window_offset_01                            00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_window_offset_01

  379 r400sc_window_offset_02                            00:00:17 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_window_offset_02

  380 r400sc_window_offset_03                            00:00:15 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_window_offset_03

  381 r400sc_window_offset_04                            00:00:15 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sc_window_offset_04

  382 r400sc_window_offset_05                            00:00:15 78411 PASS    78411
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  383 r400sc_window_offset_fc_01                         00:00:13 78411 PASS    78411
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  384 r400sc_window_scis_01                              00:00:16 78411 PASS    78411
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  385 r400sc_zbuffer_line_list_01                        00:00:12 78411 PASS    78411
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  386 r400sc_zbuffer_point_list_01                       00:00:11 78411 PASS    78411
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  387 r400sc_zbuffer_rectangle_list_01                   00:00:13 78411 PASS    78411
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  388 r400sc_zbuffer_rectangle_list_02                   00:00:12 78411 PASS    78411
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  389 r400sc_zbuffer_rectangle_list_fc_02                00:00:13 78411 PASS    78411
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  390 r400sc_zbuffer_triangle_list_01                    00:00:12 78411 PASS    78411
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  391 r400cl_gband_tcl_01                                00:00:33 78411 PASS    78411
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  392 r400cl_clip_space_dx_ogl_02                        00:00:30 78411 PASS    78411
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  393 r400cl_barycentric_clip_perspective_01             00:00:18 78411 PASS    78411
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  394 r400cl_barycentric_clip_perspective_02             00:00:17 78411 PASS    78411
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  395 r400cl_barycentric_clip_perspective_03             00:00:19 78411 PASS    78411
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  396 r400cl_barycentric_clip_perspective_04             00:00:20 78411 PASS    78411
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  397 r400cl_gband_triclip_01                            00:00:14 78411 PASS    78411
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  398 r400cl_gband_point_01                              00:00:14 78411 PASS    78411
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  399 r400cl_edgeflags_pointFill_01                      00:00:14 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400cl_edgeflags_pointFill_01
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  400 r400cl_edgeflags_pointFill_02                       00:00:16 78411 PASS    78411
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  401 r400cl_edgeflags_pointFill_03                       00:00:16 78411 PASS    78411
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  402 r400cl_edgeflags_pointFill_04                       00:00:16 78411 PASS    78411
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  403 r400cl_edgeflags_pointFill_05                       00:00:19 78411 PASS    78411
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  404 r400cl_edgeflags_pointFill_vertClip_06              00:00:16 78411 PASS    78411
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  405 r400cl_edgeflags_pointFill_horzClip_06              00:00:17 78411 PASS    78411
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  406 r400cl_edgeflags_pointFill_07                       00:00:36 78411 PASS    78411
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  407 r400cl_ucp_combo_quadstrip_01                       00:01:00 78411 PASS    78411
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  408 r400cl_ucp_combo_polygon_01                         00:00:57 78411 PASS    78411
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  409 r400cl_ucp_cube_02                                  00:00:15 78411 PASS    78411
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  410 r400cl_ucp_cube_01                                  00:00:14 78411 PASS    78411
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  411 r400cl_frustum_point_01                             00:00:14 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400cl_frustum_point_01

  412 r400cl_vertex_reuse_clip_02                         00:01:07 78411 PASS    78411
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  413 r400cl_vertex_reuse_clip_03                         00:00:23 78411 PASS    78411
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  414 r400cl_point_ucp_clip_mode3_cull_enable_01          00:00:16 78411 PASS    78411
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  415 r400cl_point_ucp_clip_mode3_cull_disable_01         00:00:16 78411 PASS    78411
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  417 r400cl_point_ucp_clip_mode2_cull_disable_01        00:00:16 78411 PASS    78411
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  418 r400cl_point_ucp_clip_mode1_cull_disable_01        00:00:17 78411 PASS    78411
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  419 r400cl_point_ucp_clip_mode0_cull_disable_01        00:00:16 78411 PASS    78411
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_01
  420 r400cl_point_gband_clip_01                         00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400cl_point_gband_clip_01

  421 r400cl_point_frustum_clip_01                       00:00:13 78411 PASS    78411
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  422 r400cl_point_size_ucp_combo_01                     00:00:33 78411 PASS    78411
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  423 r400cl_frustum_LR_TB_01                            00:00:16 78411 PASS    78411
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  424 r400cl_edgeflags_05                                00:00:19 78411 PASS    78411
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  425 r400cl_edgeflags_06                                00:00:17 78411 PASS    78411
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  426 r400cl_edgeflags_07                                00:00:36 78411 PASS    78411
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  427 r400cl_cull_only_ena_02                            00:00:18 78411 PASS    78411
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  428 r400cl_cull_only_ena_03                            00:00:19 78411 PASS    78411
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  429 r400cl_barycentric_texture_01                      00:00:18 78411 PASS    78411
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  430 r400cl_clip_10_verts_01                            00:00:14 78411 PASS    78411
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  431 r400cl_clip_disable_01                             00:00:26 78411 PASS    78411
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  432 r400cl_clip_space_dx_ogl_01                          00:00:13 78411 PASS    78411
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  433 r400cl_clip_ucp_6bits_01                             00:00:19 78411 PASS    78411
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  434 r400cl_cull_only_ena_01                              00:00:18 78411 PASS    78411
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  435 r400cl_edgeflags_01                                  00:00:15 78411 PASS    78411
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  436 r400cl_edgeflags_02                                  00:00:17 78411 PASS    78411
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  437 r400cl_edgeflags_03                                  00:00:16 78411 PASS    78411
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  438 r400cl_edgeflags_04                                  00:00:16 78411 PASS    78411
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  439 r400cl_edgeflags_frustum_bottom_01                   00:00:15 78411 PASS    78411
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  440 r400cl_edgeflags_frustum_far_01                      00:00:15 78411 PASS    78411
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  441 r400cl_edgeflags_frustum_left_01                     00:00:17 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400cl_edgeflags_frustum_left_01

  442 r400cl_edgeflags_frustum_near_01                     00:00:16 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400cl_edgeflags_frustum_near_01

  443 r400cl_edgeflags_frustum_right_01                    00:00:16 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400cl_edgeflags_frustum_right_01

  444 r400cl_edgeflags_frustum_top_01                      00:00:15 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400cl_edgeflags_frustum_top_01

  445 r400cl_edgeflags_gband_01                            00:00:25 78411 PASS    78411
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  446 r400cl_edgeflags_gband_bottom_01                     00:00:25 78411 PASS    78411
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  447 r400cl_edgeflags_gband_left_01                       00:00:26 78411 PASS    78411
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  448 r400cl_edgeflags_gband_right_01                    00:00:26 78411 PASS    78411
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  449 r400cl_edgeflags_gband_top_01                      00:00:25 78411 PASS    78411
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  450 r400cl_edgeflags_texture_sample_01                 00:00:17 78411 PASS    78411
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  451 r400cl_frustum_01                                  00:00:25 78411 PASS    78411
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  452 r400cl_frustum_02                                  00:00:31 78411 PASS    78411
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  453 r400cl_frustum_03                                  00:00:30 78411 PASS    78411
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  454 r400cl_frustum_04                                  00:00:34 78411 PASS    78411
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  455 r400cl_frustum_05                                  00:00:25 78411 PASS    78411
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  456 r400cl_frustum_06                                  00:00:30 78411 PASS    78411
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  457 r400cl_frustum_07                                  00:00:32 78411 PASS    78411
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  458 r400cl_frustum_08                                  00:00:36 78411 PASS    78411
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  460 r400cl_frustum_10                                  00:00:31 78411 PASS    78411
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  462 r400cl_frustum_12                                  00:00:34 78411 PASS    78411
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  463 r400cl_frustum_13                                  00:00:27 78411 PASS    78411
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464 r400cl_frustum_14                                   00:00:31 78411 PASS    78411
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465 r400cl_frustum_15                                   00:00:29 78411 PASS    78411
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466 r400cl_frustum_16                                   00:00:33 78411 PASS    78411
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467 r400cl_frustum_17                                   00:00:26 78411 PASS    78411
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468 r400cl_frustum_18                                   00:00:30 78411 PASS    78411
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469 r400cl_frustum_19                                   00:00:30 78411 PASS    78411
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470 r400cl_frustum_20                                   00:00:32 78411 PASS    78411
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471 r400cl_frustum_21                                   00:00:26 78411 PASS    78411
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472 r400cl_frustum_22                                   00:00:31 78411 PASS    78411
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473 r400cl_frustum_23                                   00:00:30 78411 PASS    78411
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474 r400cl_frustum_24                                   00:00:32 78411 PASS    78411
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475 r400cl_frustum_25                                   00:00:23 78411 PASS    78411
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476 r400cl_frustum_26                                   00:00:30 78411 PASS    78411
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477 r400cl_frustum_27                                   00:00:30 78411 PASS    78411
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478 r400cl_frustum_28                                   00:00:35 78411 PASS    78411
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479 r400cl_frustum_29                                   00:00:22 78411 PASS    78411
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480 r400cl_frustum_30                                   00:00:30 78411 PASS    78411
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481 r400cl_frustum_31                                   00:00:30 78411 PASS    78411
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482 r400cl_frustum_32                                   00:00:34 78411 PASS    78411
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483 r400cl_frustum_33                                   00:00:23 78411 PASS    78411
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484 r400cl_frustum_34                                   00:00:29 78411 PASS    78411
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485 r400cl_frustum_35                                   00:00:29 78411 PASS    78411
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486 r400cl_frustum_36                                   00:00:35 78411 PASS    78411
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487 r400cl_frustum_37                                   00:00:24 78411 PASS    78411
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488 r400cl_frustum_38                                   00:00:27 78411 PASS    78411
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489 r400cl_frustum_39                                   00:00:27 78411 PASS    78411
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490 r400cl_frustum_40                                   00:00:29 78411 PASS    78411
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491 r400cl_frustum_41                                   00:00:25 78411 PASS    78411
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492 r400cl_frustum_42                                   00:00:28 78411 PASS    78411
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493 r400cl_frustum_43                                   00:00:29 78411 PASS    78411
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494 r400cl_frustum_44                                   00:00:30 78411 PASS    78411
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495 r400cl_frustum_45                                   00:00:26 78411 PASS    78411
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496 r400cl_frustum_46                                   00:00:28 78411 PASS    78411
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497 r400cl_frustum_47                                   00:00:27 78411 PASS    78411
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498 r400cl_frustum_48                                   00:00:30 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/r400cl_frustum_48

499 r400cl_frustum_49                                   00:00:26 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/r400cl_frustum_49

500 r400cl_frustum_50                                   00:00:28 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/r400cl_frustum_50

501 r400cl_frustum_51                                   00:00:28 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/r400cl_frustum_51

502 r400cl_frustum_52                                   00:00:29 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/r400cl_frustum_52

503 r400cl_frustum_53                                   00:00:26 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/r400cl_frustum_53

504 r400cl_frustum_54                                   00:00:28 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/r400cl_frustum_54

505 r400cl_frustum_55                                   00:00:28 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/r400cl_frustum_55

506 r400cl_frustum_56                                   00:00:30 78411 PASS    78411
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507 r400cl_frustum_57                                   00:00:25 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/r400cl_frustum_57

508 r400cl_frustum_58                                   00:00:28 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/r400cl_frustum_58

509 r400cl_frustum_59                                   00:00:29 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/r400cl_frustum_59

510 r400cl_frustum_60                                   00:00:30 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/r400cl_frustum_60

511 r400cl_frustum_61                                   00:00:25 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/r400cl_frustum_61
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512 r400cl_frustum_62                                   00:00:29 78411 PASS    78411
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513 r400cl_frustum_63                                   00:00:28 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/r400cl_frustum_63

514 r400cl_frustum_64                                   00:00:31 78411 PASS    78411
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515 r400cl_frustum_65                                   00:00:25 78411 PASS    78411
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516 r400cl_frustum_66                                   00:00:29 78411 PASS    78411
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517 r400cl_frustum_67                                   00:00:29 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/r400cl_frustum_67

518 r400cl_frustum_68                                   00:00:30 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/r400cl_frustum_68

519 r400cl_frustum_69                                   00:00:24 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/r400cl_frustum_69

520 r400cl_frustum_70                                   00:00:29 78411 PASS    78411
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521 r400cl_frustum_71                                   00:00:28 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/r400cl_frustum_71

522 r400cl_frustum_72                                   00:00:30 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/r400cl_frustum_72

523 r400cl_frustum_76                                   00:00:33 78411 PASS    78411
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524 r400cl_frustum_81                                   00:00:22 78411 PASS    78411
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525 r400cl_frustum_86                                   00:00:28 78411 PASS    78411
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526 r400cl_frustum_91                                   00:00:28 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/r400cl_frustum_91

527 r400cl_frustum_96                                   00:00:33 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/r400cl_frustum_96
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  528 r400cl_frustum_LFT_combos_01                        00:00:16 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400cl_frustum_LFT_combos_01

  529 r400cl_frustum_LFT_rotated_01                       00:00:45 78411 FAIL
compare mismatch **
  530 r400cl_frustum_all_vols_lines                       00:00:14 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400cl_frustum_all_vols_lines

  531 r400cl_frustum_all_vols_tris                        00:00:17 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400cl_frustum_all_vols_tris

  532 r400cl_frustum_lines_01                             00:00:19 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400cl_frustum_lines_01

  533 r400cl_frustum_lines_02                             00:00:21 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400cl_frustum_lines_02

  534 r400cl_frustum_lines_03                             00:00:21 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400cl_frustum_lines_03

  535 r400cl_frustum_lines_04                             00:00:24 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400cl_frustum_lines_04

  536 r400cl_frustum_lines_05                             00:00:20 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400cl_frustum_lines_05

  537 r400cl_frustum_lines_06                             00:00:22 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400cl_frustum_lines_06

  538 r400cl_frustum_lines_07                             00:00:21 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400cl_frustum_lines_07

  539 r400cl_frustum_lines_08                             00:00:24 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400cl_frustum_lines_08

  540 r400cl_frustum_lines_09                             00:00:20 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400cl_frustum_lines_09

  541 r400cl_frustum_lines_10                             00:00:21 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400cl_frustum_lines_10

  542 r400cl_frustum_lines_101                            00:00:20 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400cl_frustum_lines_101

  543 r400cl_frustum_lines_102                            00:00:21 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400cl_frustum_lines_102

  544 r400cl_frustum_lines_103                            00:00:17 78411 PASS    78411
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\\fl_mkelly2\d\r400\regress/78411_030122090555/r400cl_frustum_lines_103

545 r400cl_frustum_lines_104 00:00:19 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400cl_frustum_lines_104

546 r400cl_frustum_lines_105 00:00:15 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400cl_frustum_lines_105

547 r400cl_frustum_lines_106 00:00:16 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400cl_frustum_lines_106

548 r400cl_frustum_lines_107 00:00:16 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400cl_frustum_lines_107

549 r400cl_frustum_lines_108 00:00:18 78411 PASS 78411
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550 r400cl_frustum_lines_11 00:00:17 78411 PASS 78411
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551 r400cl_frustum_lines_12 00:00:19 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400cl_frustum_lines_12

552 r400cl_frustum_lines_13 00:00:16 78411 PASS 78411
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553 r400cl_frustum_lines_14 00:00:17 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400cl_frustum_lines_14

554 r400cl_frustum_lines_15 00:00:17 78411 PASS 78411
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555 r400cl_frustum_lines_16 00:00:19 78411 PASS 78411
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556 r400cl_frustum_lines_17 00:00:16 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400cl_frustum_lines_17

557 r400cl_frustum_lines_18 00:00:17 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400cl_frustum_lines_18

558 r400cl_frustum_lines_19 00:00:17 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400cl_frustum_lines_19

559 r400cl_frustum_lines_20 00:00:19 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400cl_frustum_lines_20

560 r400cl_frustum_lines_21 00:00:15 78411 PASS 78411

\\fl_mkelly2\d\r400\regress/78411_030122090555/r400cl_frustum_lines_21

561 r400cl_frustum_lines_22 00:00:17 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400cl_frustum_lines_22

562 r400cl_frustum_lines_23 00:00:17 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400cl_frustum_lines_23

563 r400cl_frustum_lines_24 00:00:19 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400cl_frustum_lines_24

564 r400cl_frustum_lines_25 00:00:15 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400cl_frustum_lines_25

565 r400cl_frustum_lines_26 00:00:17 78411 PASS 78411
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566 r400cl_frustum_lines_27 00:00:17 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400cl_frustum_lines_27

567 r400cl_frustum_lines_28 00:00:19 78411 PASS 78411
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568 r400cl_frustum_lines_29 00:00:16 78411 PASS 78411
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569 r400cl_frustum_lines_30 00:00:17 78411 PASS 78411
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570 r400cl_frustum_lines_31 00:00:17 78411 PASS 78411
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571 r400cl_frustum_lines_32 00:00:19 78411 PASS 78411
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572 r400cl_frustum_lines_33 00:00:15 78411 PASS 78411
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573 r400cl_frustum_lines_34 00:00:16 78411 PASS 78411
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574 r400cl_frustum_lines_35 00:00:16 78411 PASS 78411
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575 r400cl_frustum_lines_36 00:00:18 78411 PASS 78411
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576 r400cl_frustum_lines_37 00:00:16 78411 PASS 78411

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577 r400cl_frustum_lines_38 00:00:17 78411 PASS 78411
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578 r400cl_frustum_lines_39 00:00:17 78411 PASS 78411
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579 r400cl_frustum_lines_40 00:00:18 78411 PASS 78411
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580 r400cl_frustum_lines_41 00:00:16 78411 PASS 78411
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581 r400cl_frustum_lines_42 00:00:17 78411 PASS 78411
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582 r400cl_frustum_lines_43 00:00:17 78411 PASS 78411
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583 r400cl_frustum_lines_44 00:00:18 78411 PASS 78411
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584 r400cl_frustum_lines_45 00:00:15 78411 PASS 78411
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585 r400cl_frustum_lines_46 00:00:20 78411 PASS 78411
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586 r400cl_frustum_lines_47 00:00:17 78411 PASS 78411
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587 r400cl_frustum_lines_48 00:00:18 78411 PASS 78411
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588 r400cl_frustum_lines_49 00:00:15 78411 PASS 78411
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589 r400cl_frustum_lines_50 00:00:16 78411 PASS 78411
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590 r400cl_frustum_lines_51 00:00:17 78411 PASS 78411
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591 r400cl_frustum_lines_52 00:00:18 78411 PASS 78411
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592 r400cl_frustum_lines_53 00:00:15 78411 PASS 78411

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593 r400cl_frustum_lines_54 00:00:17 78411 PASS 78411
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594 r400cl_frustum_lines_55 00:00:17 78411 PASS 78411
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595 r400cl_frustum_lines_56 00:00:18 78411 PASS 78411
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596 r400cl_frustum_lines_57 00:00:15 78411 PASS 78411
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597 r400cl_frustum_lines_58 00:00:16 78411 PASS 78411
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598 r400cl_frustum_lines_59 00:00:16 78411 PASS 78411
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599 r400cl_frustum_lines_60 00:00:18 78411 PASS 78411
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600 r400cl_frustum_lines_61 00:00:15 78411 PASS 78411
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601 r400cl_frustum_lines_62 00:00:17 78411 PASS 78411
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602 r400cl_frustum_lines_63 00:00:17 78411 PASS 78411
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603 r400cl_frustum_lines_64 00:00:18 78411 PASS 78411
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604 r400cl_frustum_lines_65 00:00:16 78411 PASS 78411
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605 r400cl_frustum_lines_66 00:00:17 78411 PASS 78411
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606 r400cl_frustum_lines_67 00:00:17 78411 PASS 78411
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607 r400cl_frustum_lines_68 00:00:18 78411 PASS 78411
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608 r400cl_frustum_lines_69 00:00:15 78411 PASS 78411

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609 r400cl_frustum_lines_70 00:00:17 78411 PASS 78411
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610 r400cl_frustum_lines_71 00:00:17 78411 PASS 78411
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611 r400cl_frustum_lines_72 00:00:18 78411 PASS 78411
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612 r400cl_gband_01 00:00:16 78411 PASS 78411
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613 r400cl_gband_02 00:00:18 78411 PASS 78411
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614 r400cl_gband_03 00:00:18 78411 PASS 78411
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615 r400cl_gband_04 00:00:17 78411 PASS 78411
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616 r400cl_gband_05 00:00:13 78411 PASS 78411
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617 r400cl_gband_06 00:00:11 78411 PASS 78411
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618 r400cl_gband_07 00:00:13 78411 PASS 78411
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619 r400cl_gband_08 00:00:13 78411 PASS 78411
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620 r400cl_gband_09 00:00:12 78411 PASS 78411
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621 r400cl_gband_10 00:00:13 78411 PASS 78411
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622 r400cl_gband_11 00:00:11 78411 PASS 78411
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623 r400cl_gband_12 00:00:13 78411 PASS 78411
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624 r400cl_gband_13 00:00:13 78411 PASS 78411

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626 r400cl_gband_15                                 00:00:12 78411 PASS    78411
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629 r400cl_gband_18                                 00:00:13 78411 PASS    78411
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631 r400cl_gband_20                                 00:00:13 78411 PASS    78411
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632 r400cl_gband_21                                 00:00:12 78411 PASS    78411
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633 r400cl_gband_22                                 00:00:12 78411 PASS    78411
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634 r400cl_gband_23                                 00:00:18 78411 PASS    78411
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635 r400cl_gband_24                                 00:00:17 78411 PASS    78411
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636 r400cl_gband_25                                 00:00:16 78411 PASS    78411
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637 r400cl_gband_26                                 00:00:15 78411 PASS    78411
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638 r400cl_gband_27                                 00:00:15 78411 PASS    78411
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639 r400cl_gband_28                                 00:00:15 78411 PASS    78411
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640 r400cl_gband_29                                 00:00:15 78411 PASS    78411
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641 r400cl_gband_30 00:00:13 78411 PASS 78411
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642 r400cl_gband_31 00:00:12 78411 PASS 78411
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643 r400cl_gband_32 00:00:12 78411 PASS 78411
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644 r400cl_gband_33 00:00:13 78411 PASS 78411
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645 r400cl_gband_34 00:00:13 78411 PASS 78411
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646 r400cl_gband_35 00:00:13 78411 PASS 78411
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647 r400cl_gband_36 00:00:12 78411 PASS 78411
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648 r400cl_nan_kill_01 00:00:10 78411 PASS 78411
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649 r400cl_point_ucp_combos_01 00:00:14 78411 PASS 78411
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650 r400cl_pointlist_vertex_state_ucp_01 00:00:12 78411 PASS 78411
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651 r400cl_polymode_line_fill_01 00:00:10 78411 PASS 78411
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652 r400cl_simple_triangle_01 00:00:10 78411 PASS 78411
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653 r400cl_tri_polymode_line_stipple_ucp_combos_01 00:00:14 78411 PASS 78411
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bos_01
654 r400cl_tri_polymode_line_ucp_combos_01 00:00:14 78411 PASS 78411
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655 r400cl_triangle_polymode_line_stippled_01 00:00:10 78411 PASS 78411
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1
656 r400cl_ucp_combos_01 00:00:56 78411 PASS 78411

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  657 r400cl_ucp_combos_02                              00:00:56 78411 PASS    78411
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  663 r400cl_ucp_combos_08                              00:00:54 78411 PASS    78411
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681 r400cl_ucp_combos_26 00:00:54 78411 PASS 78411
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682 r400cl_ucp_combos_27 00:00:55 78411 PASS 78411
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683 r400cl_ucp_combos_28 00:00:54 78411 PASS 78411
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684 r400cl_ucp_combos_29 00:00:55 78411 PASS 78411
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685 r400cl_ucp_combos_30 00:00:55 78411 PASS 78411
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686 r400cl_ucp_combos_31 00:00:54 78411 PASS 78411
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687 r400cl_ucp_combos_32 00:00:55 78411 PASS 78411
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689 r400cl_ucp_combos_34 00:00:54 78411 PASS 78411
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691 r400cl_ucp_combos_36 00:00:56 78411 PASS 78411
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692 r400cl_ucp_combos_37 00:00:54 78411 PASS 78411
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693 r400cl_ucp_combos_38 00:00:55 78411 PASS 78411
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694 r400cl_ucp_combos_39 00:00:55 78411 PASS 78411
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697 r400cl_ucp_combos_42 00:00:56 78411 PASS 78411
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698 r400cl_ucp_combos_43 00:00:55 78411 PASS 78411
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709 r400cl_ucp_combos_54 00:00:54 78411 PASS 78411
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714 r400cl_ucp_combos_59 00:00:54 78411 PASS 78411
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715 r400cl_ucp_combos_60 00:00:55 78411 PASS 78411
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717 r400cl_ucp_combos_62 00:00:55 78411 PASS 78411
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719 r400cl_ucp_combos_64 00:00:55 78411 PASS 78411
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720 r400cl_ucp_pointlist_01 00:00:19 78411 PASS 78411

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  725 r400cl_clip_edgeflags_frustum_corners_01           00:00:10 78411 PASS    78411
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  727 r400vgt_auto_index_line_list_01                    00:00:11 78411 PASS    78411
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\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_auto_index_line_loop_01

  729 r400vgt_auto_index_line_strip_01                   00:00:12 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_auto_index_line_strip_01

  730 r400vgt_auto_index_points_01                       00:00:11 78411 PASS    78411
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  736 r400vgt_auto_index_tri_fan_01                      00:00:12 78411 PASS    78411
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  739 r400vgt_auto_index_tri_wflags_01                  00:00:12 78411 PASS    78411
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  740 r400vgt_dma_engine_01                             00:00:13 78411 PASS    78411
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  741 r400vgt_dma_engine_02                             00:00:14 78411 PASS    78411
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\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_dma_engine_04

  744 r400vgt_dma_engine_05                             00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_dma_engine_05

  745 r400vgt_dma_engine_06                             00:00:11 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_dma_engine_06

  746 r400vgt_dma_engine_07                             00:00:11 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_dma_engine_07

  747 r400vgt_dma_engine_08                             00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_dma_engine_08

  748 r400vgt_dma_engine_09                             00:00:14 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_dma_engine_09

  749 r400vgt_dma_engine_10                             00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_dma_engine_10

  750 r400vgt_dma_index_line_list_01                    00:00:10 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_dma_index_line_list_01

  751 r400vgt_dma_index_line_loop_01                    00:00:11 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_dma_index_line_loop_01

  752 r400vgt_dma_index_line_strip_01                   00:00:11 78411 PASS    78411

\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_dma_index_line_strip_01

753 r400vgt_dma_index_points_01 00:00:11 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_dma_index_points_01

754 r400vgt_dma_index_polygon_01 00:00:11 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_dma_index_polygon_01

755 r400vgt_dma_index_primtypes_01 00:00:11 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_dma_index_primtypes_01

756 r400vgt_dma_index_quad_list_01 00:00:11 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_dma_index_quad_list_01

757 r400vgt_dma_index_quad_strip_01 00:00:12 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_dma_index_quad_strip_01

758 r400vgt_dma_index_rectangle_list_01 00:00:12 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_dma_index_rectangle_list_01

759 r400vgt_dma_index_tri_fan_01 00:00:12 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_dma_index_tri_fan_01

760 r400vgt_dma_index_tri_list_01 00:00:11 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_dma_index_tri_list_01

761 r400vgt_dma_index_tri_strip_01 00:00:12 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_dma_index_tri_strip_01

762 r400vgt_dma_index_tri_wflags_01 00:00:11 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_dma_index_tri_wflags_01

763 r400vgt_dma_swap_indx16_01 00:00:12 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_dma_swap_indx16_01

764 r400vgt_dma_swap_indx16_agp_01 00:00:12 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_dma_swap_indx16_agp_01

765 r400vgt_dma_swap_indx16_pci_01 00:00:12 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_dma_swap_indx16_pci_01

766 r400vgt_dma_swap_indx32_01 00:00:12 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_dma_swap_indx32_01

767 r400vgt_dma_swap_indx32_agp_01 00:00:12 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_dma_swap_indx32_agp_01

768 r400vgt_dma_swap_indx32_pci_01 00:00:12 78411 PASS 78411

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\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_dma_swap_indx32_pci_01

  769 r400vgt_edgeflags_polygon_01                      00:00:10 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_edgeflags_polygon_01

  770 r400vgt_edgeflags_quad_list_01                    00:00:10 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_edgeflags_quad_list_01

  771 r400vgt_edgeflags_quad_strip_01                   00:00:10 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_edgeflags_quad_strip_01

  772 r400vgt_edgeflags_triangle_fan_01                 00:00:09 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_edgeflags_triangle_fan_01

  773 r400vgt_edgeflags_triangle_list_01                00:00:10 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_edgeflags_triangle_list_01

  774 r400vgt_edgeflags_triangle_strip_01               00:00:10 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_edgeflags_triangle_strip_01

  775 r400vgt_edgeflags_triangle_wflags_01              00:00:10 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_edgeflags_triangle_wflags_01

  776 r400vgt_event_handling_01                         00:00:12 78411 FAIL
compare mismatch **
  777 r400vgt_event_handling_02                         00:00:11 78411 FAIL
compare mismatch **
  778 r400vgt_event_handling_03                         00:00:20 78411 FAIL
compare mismatch **
  779 r400vgt_event_handling_04                         00:00:16 78411 FAIL
compare mismatch **
  780 r400vgt_ext2int_index_line_list_01                00:00:10 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_ext2int_index_line_list_01

  781 r400vgt_ext2int_index_line_loop_01                00:00:11 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_ext2int_index_line_loop_01

  782 r400vgt_ext2int_index_line_strip_01               00:00:11 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_ext2int_index_line_strip_01

  783 r400vgt_ext2int_index_points_01                   00:00:10 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_ext2int_index_points_01

  784 r400vgt_ext2int_index_polygon_01                  00:00:12 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_ext2int_index_polygon_01

  785 r400vgt_ext2int_index_quad_list_01                00:00:10 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_ext2int_index_quad_list_01
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  786 r400vgt_ext2int_index_quad_strip_01                00:00:10 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_ext2int_index_quad_strip_01

  787 r400vgt_ext2int_index_rectangle_list_01            00:00:11 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_ext2int_index_rectangle_list_01

  788 r400vgt_ext2int_index_triangle_fan_01              00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_ext2int_index_triangle_fan_01

  789 r400vgt_ext2int_index_triangle_list_01             00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_ext2int_index_triangle_list_01

  790 r400vgt_ext2int_index_triangle_strip_01            00:00:11 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_ext2int_index_triangle_strip_01

  791 r400vgt_ext2int_index_triangle_wflags_01           00:00:11 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_ext2int_index_triangle_wflags_01

  792 r400vgt_hos_auto_index_line_list_01                00:00:16 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_hos_auto_index_line_list_01

  793 r400vgt_hos_auto_index_quad_list_01                00:01:36 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_hos_auto_index_quad_list_01

  794 r400vgt_hos_auto_index_triangle_list_01            00:01:15 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_hos_auto_index_triangle_list_01

  795 r400vgt_hos_cubic_pos_pnt_discrete_01              00:00:27 78411 FAIL
compare mismatch **
  796 r400vgt_hos_LINE_adaptive_complex                  00:00:12 78411 FAIL
compare mismatch **
  797 r400vgt_hos_LPatch_01                              00:00:16 78411 FAIL
compare mismatch **
  798 r400vgt_hos_multi_prim_reset_index_01              00:00:10 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_hos_multi_prim_reset_index_01

  799 r400vgt_hos_PNl_adaptive_complex                   00:00:11 78411 FAIL
compare mismatch **
  800 r400vgt_hos_PNL_cp_ln_cont_no_projection_01        00:00:16 78411 FAIL
compare mismatch **
  801 r400vgt_hos_PNL_lp_ln_cont_no_projection_01        00:00:14 78411 FAIL
gold or cmp file mis
  802 r400vgt_hos_PNQ_adaptive_complex                   00:00:27 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_hos_PNQ_adaptive_complex

  803 r400vgt_hos_PNQ_cp_qn_cont_light_texture_01        00:02:22 78411 FAIL
compare mismatch **
```

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  804 r400vgt_hos_PNQ_cp_qn_cont_light_texture_02        00:02:29 78411 FAIL
compare mismatch **
  805 r400vgt_hos_PNQ_cp_qn_cont_no_projection_01        00:00:51 78411 FAIL
compare mismatch **
  806 r400vgt_hos_PNQ_lp_cont_no_projection_01           00:00:40 78411 FAIL
compare mismatch **
  807 r400vgt_hos_PNT_adaptive                          00:00:18 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_hos_PNT_adaptive

  808 r400vgt_hos_PNT_adaptive_complex                  00:02:02 78411 FAIL
compare mismatch **
  809 r400vgt_hos_PNT_cont_cp_qn_complex_01             00:02:25 78411 FAIL
gold or cmp file mis
  810 r400vgt_hos_PNT_cont_cp_qn_precision_01           00:00:31 78411 FAIL
compare mismatch **
  811 r400vgt_hos_PNT_cont_cp_qn_precision_02           00:00:43 78411 FAIL
compare mismatch **
  812 r400vgt_hos_PNT_cp_qn_cont_light_texture_01       00:00:49 78411 FAIL
gold or cmp file mis
  813 r400vgt_hos_PNT_cp_qn_cont_light_texture_02       00:00:51 78411 FAIL
gold or cmp file mis
  814 r400vgt_hos_PNT_cp_qn_cont_light_texture_03       00:00:52 78411 FAIL
gold or cmp file mis
  815 r400vgt_hos_PNT_cp_qn_cont_moving_normals_01      00:01:39 78411 FAIL
gold or cmp file mis
  816 r400vgt_hos_PNT_cp_qn_cont_no_projection_01       00:00:28 78411 FAIL
compare mismatch **
  817 r400vgt_hos_PNT_cp_qn_disc_14_04_lit_tex_proj_01  00:00:15 78411 FAIL
gold or cmp file mis
  818 r400vgt_hos_PNT_disc_cp_qn_complex_01             00:01:58 78411 FAIL
gold or cmp file mis
  819 r400vgt_hos_PNT_disc_cp_qn_light_texture_01       00:00:25 78411 FAIL
gold or cmp file mis
  820 r400vgt_hos_PNT_disc_cp_qn_no_projection_01       00:00:17 78411 FAIL
compare mismatch **
  821 r400vgt_hos_PNT_disc_cp_qn_precision_01           00:00:18 78411 FAIL
compare mismatch **
  822 r400vgt_hos_PNT_disc_cp_qn_precision_02           00:00:33 78411 FAIL
compare mismatch **
  823 r400vgt_hos_PNT_edge_detection_01                 00:01:42 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_hos_PNT_edge_detection_01

  824 r400vgt_hos_PNT_lp_cont_no_projection_01          00:00:31 78411 FAIL
compare mismatch **
  825 r400vgt_hos_PNTQL_cp_qn_cont_stress_01            00:00:55 78411 FAIL
gold or cmp file mis
  826 r400vgt_hos_RECT_adaptive_complex                 00:01:15 78411 FAIL
compare mismatch **
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  827 r400vgt_hos_RPatch_cp_02                          00:02:03 78411 FAIL
gold or cmp file mis
  828 r400vgt_hos_RPatch_lp_02                          00:01:49 78411 FAIL
gold or cmp file mis
  829 r400vgt_hos_RTL_stress_01                         00:01:20 78411 FAIL
gold or cmp file mis
  830 r400vgt_hos_simple_linear_PNT_discrete_01         00:00:10 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_hos_simple_linear_PNT_discrete_0
1
  831 r400vgt_hos_TPatch_01                             00:00:45 78411 FAIL
compare mismatch **
  832 r400vgt_hos_TPatch_02                             00:01:04 78411 FAIL
gold or cmp file mis
  833 r400vgt_hos_TRI_adaptive_complex                  00:00:34 78411 FAIL
compare mismatch **
  834 r400vgt_immed_index_line_list_01                  00:00:11 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_immed_index_line_list_01

  835 r400vgt_immed_index_line_loop_01                  00:00:11 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_immed_index_line_loop_01

  836 r400vgt_immed_index_line_strip_01                 00:00:11 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_immed_index_line_strip_01

  837 r400vgt_immed_index_points_01                     00:00:11 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_immed_index_points_01

  838 r400vgt_immed_index_polygon_01                    00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_immed_index_polygon_01

  839 r400vgt_immed_index_primtypes_01                  00:00:11 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_immed_index_primtypes_01

  840 r400vgt_immed_index_quad_list_01                  00:00:12 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_immed_index_quad_list_01

  841 r400vgt_immed_index_quad_strip_01                 00:00:12 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_immed_index_quad_strip_01

  842 r400vgt_immed_index_rectangle_list_01             00:00:12 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_immed_index_rectangle_list_01

  843 r400vgt_immed_index_tri_fan_01                    00:00:12 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_immed_index_tri_fan_01

  844 r400vgt_immed_index_tri_list_01                   00:00:11 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_immed_index_tri_list_01
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  845 r400vgt_immed_index_tri_strip_01                   00:00:12 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_immed_index_tri_strip_01

  846 r400vgt_immed_index_tri_wflags_01                  00:00:11 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_immed_index_tri_wflags_01

  847 r400vgt_index_dealloc_line_list_01                 00:00:16 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_index_dealloc_line_list_01

  848 r400vgt_index_dealloc_points_01                    00:00:18 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_index_dealloc_points_01

  849 r400vgt_index_dealloc_triangle_list_01             00:00:25 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_index_dealloc_triangle_list_01

  850 r400vgt_index_min_max_01                           00:00:14 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_index_min_max_01

  851 r400vgt_index_min_max_02                           00:00:15 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_index_min_max_02

  852 r400vgt_index_min_max_03                           00:00:14 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_index_min_max_03

  853 r400vgt_index_min_max_04                           00:00:14 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_index_min_max_04

  854 r400vgt_index_offset_01                            00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_index_offset_01

  855 r400vgt_index_offset_02                            00:00:14 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_index_offset_02

  856 r400vgt_index_offset_03                            00:00:14 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_index_offset_03

  857 r400vgt_index_offset_04                            00:00:14 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_index_offset_04

  858 r400vgt_index_offset_05                            00:00:14 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_index_offset_05

  859 r400vgt_index_offset_06                            00:00:14 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_index_offset_06

  860 r400vgt_index_offset_07                            00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_index_offset_07
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  861 r400vgt_index_offset_08                              00:00:14 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_index_offset_08

  862 r400vgt_index_size_01                                00:00:15 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_index_size_01

  863 r400vgt_index_size_02                                00:00:11 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_index_size_02

  864 r400vgt_index_source_switch_01                       00:00:15 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_index_source_switch_01

  865 r400vgt_line_list_01                                 00:00:18 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_line_list_01

  866 r400vgt_line_list_02                                 00:00:20 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_line_list_02

  867 r400vgt_line_loop_01                                 00:00:17 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_line_loop_01

  868 r400vgt_line_loop_02                                 00:00:22 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_line_loop_02

  869 r400vgt_line_strip_01                                00:00:17 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_line_strip_01

  870 r400vgt_line_strip_02                                00:00:21 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_line_strip_02

  871 r400vgt_local_tonemapping                            00:02:00 78411 FAIL
gold or cmp file mis
  872 r400vgt_multi_context_01                             00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_multi_context_01

  873 r400vgt_multi_context_02                             00:00:14 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_multi_context_02

  874 r400vgt_multi_context_03                             00:00:14 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_multi_context_03

  875 r400vgt_multi_context_04                             00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_multi_context_04

  876 r400vgt_multi_context_05                             00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_multi_context_05

  877 r400vgt_multi_context_06                             00:00:13 78411 PASS    78411
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\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_multi_context_06

878 r400vgt_multi_context_07 00:00:14 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_multi_context_07

879 r400vgt_multi_context_08 00:00:16 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_multi_context_08

880 r400vgt_multi_context_09 00:00:13 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_multi_context_09

881 r400vgt_multi_context_10 00:00:14 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_multi_context_10

882 r400vgt_multi_context_11 00:00:13 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_multi_context_11

883 r400vgt_multi_context_12 00:00:14 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_multi_context_12

884 r400vgt_multi_pass_pix_shader_01 00:00:10 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_multi_pass_pix_shader_01

885 r400vgt_multi_pass_pix_shader_02 00:00:11 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_multi_pass_pix_shader_02

886 r400vgt_multi_pass_pix_shader_03 00:00:10 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_multi_pass_pix_shader_03

887 r400vgt_multi_pass_pix_shader_04 00:00:10 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_multi_pass_pix_shader_04

888 r400vgt_multi_pass_pix_shader_05 00:00:10 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_multi_pass_pix_shader_05

889 r400vgt_multi_pass_pix_shader_06 00:00:12 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_multi_pass_pix_shader_06

890 r400vgt_multi_pass_pix_shader_07 00:00:11 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_multi_pass_pix_shader_07

891 r400vgt_multi_pass_pix_shader_08 00:00:12 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_multi_pass_pix_shader_08

892 r400vgt_multi_prim_reset_index_all_01 00:00:11 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_multi_prim_reset_index_all_01

893 r400vgt_multi_prim_reset_index_all_02 00:00:14 78411 PASS 78411

\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_multi_prim_reset_index_all_02

894 r400vgt_multi_prim_reset_index_all_03 00:00:13 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_multi_prim_reset_index_all_03

895 r400vgt_multi_prim_reset_index_all_04 00:00:13 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_multi_prim_reset_index_all_04

896 r400vgt_multi_prim_reset_index_all_05 00:00:13 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_multi_prim_reset_index_all_05

897 r400vgt_multi_prim_reset_index_all_06 00:00:13 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_multi_prim_reset_index_all_06

898 r400vgt_multi_prim_reset_index_all_07 00:00:13 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_multi_prim_reset_index_all_07

899 r400vgt_pass_thru_all_prims_01 00:00:11 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_pass_thru_all_prims_01

900 r400vgt_pass_thru_all_prims_02 00:00:11 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_pass_thru_all_prims_02

901 r400vgt_point_list_01 00:00:17 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_point_list_01

902 r400vgt_point_list_02 00:00:17 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_point_list_02

903 r400vgt_polygon_01 00:00:15 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_polygon_01

904 r400vgt_polygon_02 00:00:19 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_polygon_02

905 r400vgt_provoking_vtx_all_01 00:00:12 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_provoking_vtx_all_01

906 r400vgt_provoking_vtx_edgeflags_all_01 00:00:12 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_provoking_vtx_edgeflags_all_01

907 r400vgt_provoking_vtx_polygon_01 00:00:12 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_provoking_vtx_polygon_01

908 r400vgt_provoking_vtx_quad_list_01 00:00:12 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_provoking_vtx_quad_list_01

909 r400vgt_provoking_vtx_quad_strip_01 00:00:12 78411 PASS 78411

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\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_provoking_vtx_quad_strip_01

  910 r400vgt_provoking_vtx_tri_fan_01                    00:00:12 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_provoking_vtx_tri_fan_01

  911 r400vgt_provoking_vtx_tri_strip_01                  00:00:11 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_provoking_vtx_tri_strip_01

  912 r400vgt_quad_list_01                                00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_quad_list_01

  913 r400vgt_quad_list_02                                00:00:19 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_quad_list_02

  914 r400vgt_quad_strip_01                               00:00:14 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_quad_strip_01

  915 r400vgt_quad_strip_02                               00:00:15 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_quad_strip_02

  916 r400vgt_rbbm_reg_read                               00:00:05 78411 FAIL
gold or cmp file mis
  917 r400vgt_real_time_events_01                         00:00:10 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_real_time_events_01

  918 r400vgt_real_time_events_02                         00:00:11 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_real_time_events_02

  919 r400vgt_real_time_events_03                         00:00:11 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_real_time_events_03

  920 r400vgt_real_time_events_04                         00:01:05 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_real_time_events_04

  921 r400vgt_real_time_events_05                         00:01:04 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_real_time_events_05

  922 r400vgt_real_time_events_06                         00:01:04 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_real_time_events_06

  923 r400vgt_rectangle_list_01                           00:00:15 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_rectangle_list_01

  924 r400vgt_rectangle_list_02                           00:00:16 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_rectangle_list_02

  925 r400vgt_reuse_depth_line_list_01                    00:00:15 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_reuse_depth_line_list_01
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  926 r400vgt_reuse_depth_line_strip_01                  00:00:15 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_reuse_depth_line_strip_01

  927 r400vgt_reuse_depth_point_list_01                  00:00:16 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_reuse_depth_point_list_01

  928 r400vgt_reuse_depth_triangle_fan_01                00:00:17 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_reuse_depth_triangle_fan_01

  929 r400vgt_reuse_depth_triangle_list_01               00:00:18 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_reuse_depth_triangle_list_01

  930 r400vgt_reuse_depth_triangle_strip_01              00:00:17 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_reuse_depth_triangle_strip_01

  931 r400vgt_reuse_index_line_list_01                   00:00:29 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_reuse_index_line_list_01

  932 r400vgt_reuse_index_point_list_01                  00:00:20 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_reuse_index_point_list_01

  933 r400vgt_reuse_index_triangle_list_01               00:00:24 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_reuse_index_triangle_list_01

  934 r400vgt_reuse_index_triangle_list_02               00:00:11 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_reuse_index_triangle_list_02

  935 r400vgt_reuse_index_triangle_list_03               00:00:12 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_reuse_index_triangle_list_03

  936 r400vgt_simple_register_indirect                   00:00:27 78411 FAIL
gold or cmp file mis
  937 r400vgt_suppress_eop_01                            00:00:15 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_suppress_eop_01

  938 r400vgt_suppress_eop_02                            00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_suppress_eop_02

  939 r400vgt_suppress_eop_03                            00:00:21 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_suppress_eop_03

  940 r400vgt_suppress_eop_04                            00:00:20 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_suppress_eop_04

  941 r400vgt_suppress_eop_05                            00:00:11 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_suppress_eop_05
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  942 r400vgt_triangle_fan_01                           00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_triangle_fan_01

  943 r400vgt_triangle_fan_02                           00:00:18 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_triangle_fan_02

  944 r400vgt_triangle_list_01                          00:00:15 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_triangle_list_01

  945 r400vgt_triangle_list_02                          00:00:18 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_triangle_list_02

  946 r400vgt_triangle_strip_01                         00:00:16 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_triangle_strip_01

  947 r400vgt_triangle_strip_02                         00:00:18 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_triangle_strip_02

  948 r400vgt_triangle_wflags_01                        00:00:15 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_triangle_wflags_01

  949 r400vgt_triangle_wflags_02                        00:00:16 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_triangle_wflags_02

  950 r400vgt_viz_query_01                              00:00:20 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_viz_query_01

  951 r400vgt_vtx_export_very_very_simple_01            00:00:10 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_vtx_export_very_very_simple_01

  952 r400vgt_vtx_export_very_very_simple_02            00:00:10 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_vtx_export_very_very_simple_02

  953 r400vgt_vtx_export_very_very_simple_03            00:00:11 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_vtx_export_very_very_simple_03

  954 r400vgt_vtx_export_very_very_simple_04            00:00:10 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_vtx_export_very_very_simple_04

  955 r400vgt_vtx_vector_packing_01                     00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_vtx_vector_packing_01

  956 r400vgt_perf_counters_events_01                   00:00:18 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_perf_counters_events_01

  957 r400vgt_debug_registers_01                        00:00:10 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_debug_registers_01
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  958 r400vgt_dma_index_primtypes_02                    00:00:14 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_dma_index_primtypes_02

  959 r400vgt_real_time_events_07                       00:00:18 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vgt_real_time_events_07

  960 r400su_4tri_text_offscreen_01                     00:00:11 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_4tri_text_offscreen_01

  961 r400su_4trilist_edges_offscreen_01                00:00:11 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_4trilist_edges_offscreen_01

  962 r400su_back_face_fan_01                           00:00:10 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_back_face_fan_01

  963 r400su_baryc_test_01                              00:00:12 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_baryc_test_01

  964 r400su_baryc_test_02                              00:00:12 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_baryc_test_02

  965 r400su_baryc_test_03                              00:00:52 78411 FAIL
compare mismatch **
  966 r400su_baryc_test_04                              00:00:15 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_baryc_test_04

  967 r400su_baryc_test_05                              00:00:12 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_baryc_test_05

  968 r400su_baryc_test_06                              00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_baryc_test_06

  969 r400su_baryc_test_07                              00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_baryc_test_07

  970 r400su_baryc_test_08                              00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_baryc_test_08

  971 r400su_clip_baryc_test_01                         00:00:10 78411 FAIL
compare mismatch **
  972 r400su_clip_baryc_test_02                         00:00:10 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_clip_baryc_test_02

  973 r400su_clip_baryc_test_03                         00:00:11 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_clip_baryc_test_03

  974 r400su_clip_baryc_test_04                         00:00:15 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_clip_baryc_test_04
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  975 r400su_clip_baryc_test_05                          00:00:12 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_clip_baryc_test_05

  976 r400su_clip_baryc_test_06                          00:00:13 78411 FAIL
compare mismatch **
  977 r400su_clip_baryc_test_07                          00:00:12 78411 FAIL
compare mismatch **
  978 r400su_clip_baryc_test_08                          00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_clip_baryc_test_08

  979 r400su_clip_edgeflag_polymode_01                   00:00:10 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_clip_edgeflag_polymode_01

  980 r400su_clip_line_end_cap_functional_01             00:00:12 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_clip_line_end_cap_functional_01

  981 r400su_clip_pointsize_test_01                      00:00:10 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_clip_pointsize_test_01

  982 r400su_clip_pointtest_01                           00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_clip_pointtest_01

  983 r400su_clip_pointtest_02                           00:00:14 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_clip_pointtest_02

  984 r400su_clip_pointtest_03                           00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_clip_pointtest_03

  985 r400su_clip_pointtest_04                           00:00:14 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_clip_pointtest_04

  986 r400su_clip_polymode_random_01                     00:00:12 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_clip_polymode_random_01

  987 r400su_clip_polymode_random_02                     00:00:12 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_clip_polymode_random_02

  988 r400su_clip_polymode_test_01                       00:00:19 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_clip_polymode_test_01

  989 r400su_clip_polymode_test_02                       00:00:19 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_clip_polymode_test_02

  990 r400su_clip_polymode_test_03                       00:00:12 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_clip_polymode_test_03

  991 r400su_clip_provoking_vtx_edgeflags_triangle_01    00:00:19 78411 FAIL
```

```
compare mismatch **
  992 r400su_clip_provoking_vtx_edgeflags_triangle_02    00:00:19 78411 FAIL
compare mismatch **
  993 r400su_clipline_01                                 00:00:11 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_clipline_01

  994 r400su_clippoint_01                                00:00:09 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_clippoint_01

  995 r400su_clipvertexsorting_01                        00:00:10 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_clipvertexsorting_01

  996 r400su_clipvertexsorting_02                        00:00:10 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_clipvertexsorting_02

  997 r400su_clipvertexsorting_03                        00:00:10 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_clipvertexsorting_03

  998 r400su_clipvertexsorting_polymode_01               00:00:10 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_clipvertexsorting_polymode_01

  999 r400su_clipvertexsorting_polymode_02               00:00:11 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_clipvertexsorting_polymode_02

 1000 r400su_clipvertexsortingfunctional_01              00:00:11 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_clipvertexsortingfunctional_01

 1001 r400su_cullingfunctional_01                        00:00:10 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_cullingfunctional_01

 1002 r400su_degentri_test_01                            00:00:11 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_degentri_test_01

 1003 r400su_degentri_test_02                            00:00:12 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_degentri_test_02

 1004 r400su_degentri_test_03                            00:00:11 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_degentri_test_03

 1005 r400su_degentri_test_04                            00:00:11 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_degentri_test_04

 1006 r400su_edge_flag_01                                00:00:10 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_edge_flag_01

 1007 r400su_edge_flag_02                                00:00:10 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_edge_flag_02
```

```
 1008 r400su_edgeflags_triangle_01                       00:00:17 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_edgeflags_triangle_01

 1009 r400su_edgeflags_triangle_02                       00:00:17 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_edgeflags_triangle_02

 1010 r400su_geom_sort_01                                00:00:12 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_geom_sort_01

 1011 r400su_line_clip_end_cap_01                        00:00:12 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_line_clip_end_cap_01

 1012 r400su_line_clip_end_cap_width_functional_02       00:00:11 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_line_clip_end_cap_width_functiona
l_02
 1013 r400su_line_clip_orientation_01                    00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_line_clip_orientation_01

 1014 r400su_line_clip_orientation_02                    00:00:14 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_line_clip_orientation_02

 1015 r400su_line_clip_x_major_01                        00:00:17 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_line_clip_x_major_01

 1016 r400su_line_end_cap_functional_01                  00:00:12 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_line_end_cap_functional_01

 1017 r400su_line_end_cap_width_functional_02            00:00:11 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_line_end_cap_width_functional_02

 1018 r400su_line_orientation_01                         00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_line_orientation_01

 1019 r400su_line_orientation_02                         00:00:15 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_line_orientation_02

 1020 r400su_line_orientation_dx01_01                    00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_line_orientation_dx01_01

 1021 r400su_line_orientation_dx01_02                    00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_line_orientation_dx01_02

 1022 r400su_line_orientation_dy01_01                    00:00:12 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_line_orientation_dy01_01

 1023 r400su_line_orientation_dy01_02                    00:00:12 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_line_orientation_dy01_02
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 1024 r400su_line_test_01                                00:00:10 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_line_test_01

 1025 r400su_line_test_02                                00:00:10 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_line_test_02

 1026 r400su_line_x_major_01                             00:00:15 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_line_x_major_01

 1027 r400su_line_x_major_02                             00:00:15 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_line_x_major_02

 1028 r400su_line_y_major_01                             00:00:15 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_line_y_major_01

 1029 r400su_line_y_major_02                             00:00:15 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_line_y_major_02

 1030 r400su_longstrip_01                                00:00:11 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_longstrip_01

 1031 r400su_multi_context_01                            00:00:11 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_multi_context_01

 1032 r400su_multi_prim_01                               00:00:11 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_multi_prim_01

 1033 r400su_multi_prim_02                               00:00:19 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_multi_prim_02

 1034 r400su_parallel_orientation_all_01                 00:00:11 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_parallel_orientation_all_01

 1035 r400su_parallel_orientation_all_02                 00:00:12 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_parallel_orientation_all_02

 1036 r400su_pc_management_01                            00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_pc_management_01

 1037 r400su_pc_management_02                            00:00:11 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_pc_management_02

 1038 r400su_pc_management_03                            00:00:12 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_pc_management_03

 1039 r400su_point_sprite_01                             00:00:10 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_point_sprite_01
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 1040 r400su_point_sprite_02                              00:00:10 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_point_sprite_02

 1041 r400su_point_sprite_03                              00:00:10 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_point_sprite_03

 1042 r400su_point_sprite_04                              00:00:10 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_point_sprite_04

 1043 r400su_point_sprite_05                              00:00:10 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_point_sprite_05

 1044 r400su_point_sprite_06                              00:00:10 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_point_sprite_06

 1045 r400su_point_sprite_07                              00:00:17 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_point_sprite_07

 1046 r400su_point_sprite_08                              00:00:17 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_point_sprite_08

 1047 r400su_point_sprite_09                              00:00:20 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_point_sprite_09

 1048 r400su_point_w16_h1_functional_01                   00:00:11 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_point_w16_h1_functional_01

 1049 r400su_point_w1_h16_functional_01                   00:00:11 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_point_w1_h16_functional_01

 1050 r400su_pointsizepresent_01                          00:00:10 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_pointsizepresent_01

 1051 r400su_pointsizepresent_02                          00:00:10 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_pointsizepresent_02

 1052 r400su_pointsizepresent_03                          00:00:10 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_pointsizepresent_03

 1053 r400su_polymode_culling_face_01                     00:00:12 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_polymode_culling_face_01

 1054 r400su_polymode_culling_face_02                     00:00:12 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_polymode_culling_face_02

 1055 r400su_polymode_lines_degen_triangle_01             00:00:17 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_polymode_lines_degen_triangle_01
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 1056 r400su_polymode_lines_degen_triangle_02            00:00:17 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_polymode_lines_degen_triangle_02

 1057 r400su_polymode_lines_degen_triangle_03            00:00:10 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_polymode_lines_degen_triangle_03

 1058 r400su_polymode_lines_zero_area_triangle_01        00:00:18 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_polymode_lines_zero_area_triangle
_01
 1059 r400su_polymode_lines_zero_area_triangle_02        00:00:18 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_polymode_lines_zero_area_triangle
_02
 1060 r400su_polymode_multi_prim_01                      00:00:11 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_polymode_multi_prim_01

 1061 r400su_polymode_points_degen_triangle_01           00:00:17 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_polymode_points_degen_triangle_01

 1062 r400su_polymode_points_degen_triangle_02           00:00:17 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_polymode_points_degen_triangle_02

 1063 r400su_polymode_points_zero_area_triangle_01       00:00:17 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_polymode_points_zero_area_triangl
e_01
 1064 r400su_polymode_points_zero_area_triangle_02       00:00:18 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_polymode_points_zero_area_triangl
e_02
 1065 r400su_polymode_rectangle_01                       00:00:10 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_polymode_rectangle_01

 1066 r400su_polymode_zero_area_triangle_01              00:00:17 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_polymode_zero_area_triangle_01

 1067 r400su_polymode_zero_area_triangle_02              00:00:18 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_polymode_zero_area_triangle_02

 1068 r400su_polymode_zero_area_triangle_03              00:00:18 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_polymode_zero_area_triangle_03

 1069 r400su_polymode_zero_area_triangle_04              00:00:17 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_polymode_zero_area_triangle_04

 1070 r400su_polymodeculling_01                          00:00:10 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_polymodeculling_01

 1071 r400su_polymodefunctional_01                       00:00:11 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_polymodefunctional_01
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 1072 r400su_provok_vtx_polymode_mix_point_lines_01      00:00:11 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_provok_vtx_polymode_mix_point_lin
es_01
 1073 r400su_provoking_vtx_edgeflags_triangle_01         00:00:18 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_provoking_vtx_edgeflags_triangle_
01
 1074 r400su_provoking_vtx_edgeflags_triangle_02         00:00:17 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_provoking_vtx_edgeflags_triangle_
02
 1075 r400su_provoking_vtx_edgeflags_triangle_03         00:00:17 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_provoking_vtx_edgeflags_triangle_
03
 1076 r400su_provoking_vtx_edgeflags_triangle_04         00:00:17 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_provoking_vtx_edgeflags_triangle_
04
 1077 r400su_provoking_vtx_line_01                       00:00:11 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_provoking_vtx_line_01

 1078 r400su_provoking_vtx_point_01                      00:00:11 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_provoking_vtx_point_01

 1079 r400su_provoking_vtx_polymode_rectangle_01         00:00:10 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_provoking_vtx_polymode_rectangle_
01
 1080 r400su_provoking_vtx_rectangle_01                  00:00:10 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_provoking_vtx_rectangle_01

 1081 r400su_provoking_vtx_triangle_01                   00:00:11 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_provoking_vtx_triangle_01

 1082 r400su_rand_line_01                                00:00:21 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_rand_line_01

 1083 r400su_rand_point_01                               00:00:21 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_rand_point_01

 1084 r400su_rand_tri_01                                 00:00:23 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_rand_tri_01

 1085 r400su_rectangle_01                                00:00:10 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_rectangle_01

 1086 r400su_rectangle_list_01                           00:00:10 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_rectangle_list_01

 1087 r400su_simple_register_indirect                    00:00:09 78411 FAIL
gold or cmp file mis
 1088 r400su_sliver_01                                   00:00:10 78411 PASS    78411
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 1089 r400su_stress_01                                  00:02:56 78411 FAIL
compare mismatch **
 1090 r400su_stress_02                                  00:02:00 78411 FAIL
compare mismatch **
 1091 r400su_stress_03                                  00:01:56 78411 FAIL
compare mismatch **
 1092 r400su_triarea_test_01                            00:00:10 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_triarea_test_01

 1093 r400su_triarea_test_02                            00:00:11 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_triarea_test_02

 1094 r400su_triarea_test_03                            00:00:12 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_triarea_test_03

 1095 r400su_triarea_test_04                            00:00:18 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_triarea_test_04

 1096 r400su_vertexsortingfunctional_01                 00:00:11 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_vertexsortingfunctional_01

 1097 r400su_w_grad_test_01                             00:00:10 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_w_grad_test_01

 1098 r400su_w_grad_test_02                             00:00:10 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_w_grad_test_02

 1099 r400su_w_grad_test_03                             00:00:11 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_w_grad_test_03

 1100 r400su_z_grad_test_01                             00:00:11 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_z_grad_test_01

 1101 r400su_z_grad_test_02                             00:00:11 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_z_grad_test_02

 1102 r400su_z_grad_test_03                             00:00:11 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_z_grad_test_03

 1103 r400su_zero_area_test_01                          00:00:11 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_zero_area_test_01

 1104 r400su_zero_area_test_02                          00:00:11 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_zero_area_test_02

 1105 r400su_zero_area_test_03                          00:00:10 78411 PASS    78411
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\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_zero_area_test_03

 1106 r400su_zero_area_test_04                          00:00:11 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400su_zero_area_test_04

 1107 r400vte_coverage_02                               00:00:12 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/r400vte_coverage_02

 1108 r400vte_mult_msbs_01                              00:00:10 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vte_mult_msbs_01

 1109 r400vte_many_reciprocals_01                       00:00:10 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vte_many_reciprocals_01

 1110 r400vte_z_veu_msb_01                              00:00:09 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vte_z_veu_msb_01

 1111 r400vte_y_veu_msb_01                              00:00:09 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vte_y_veu_msb_01

 1112 r400vte_x_veu_msb_01                              00:00:09 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vte_x_veu_msb_01

 1113 r400vte_inf_nan_01                                00:00:33 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/r400vte_inf_nan_01

 1114 r400vte_clip_perspective_texture_04               00:00:18 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vte_clip_perspective_texture_04

 1115 r400vte_clip_perspective_texture_03               00:00:20 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vte_clip_perspective_texture_03

 1116 r400vte_clip_perspective_texture_02               00:00:20 78411 FAIL
compare mismatch **
 1117 r400vte_clip_perspective_texture_01               00:00:33 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vte_clip_perspective_texture_01

 1118 r400vte_combos_01                                 00:01:01 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/r400vte_combos_01

 1119 r400vte_combos_02                                 00:00:53 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/r400vte_combos_02

 1120 r400vte_combos_03                                 00:00:31 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/r400vte_combos_03

 1121 r400vte_coverage_01                               00:00:13 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/r400vte_coverage_01
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 1122 r400vte_perf_01                                    00:00:13 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/r400vte_perf_01

 1123 r400vte_perf_02                                    00:00:10 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/r400vte_perf_02

 1124 r400vte_perf_03                                    00:00:10 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/r400vte_perf_03

 1125 r400vte_pos_neg_combo_01                           00:00:33 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vte_pos_neg_combo_01

 1126 r400vte_pos_neg_combo_02                           00:00:34 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vte_pos_neg_combo_02

 1127 r400vte_pos_neg_combo_03                           00:00:35 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vte_pos_neg_combo_03

 1128 r400vte_simple_point_01                            00:00:10 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vte_simple_point_01

 1129 r400vte_simple_triangle_01                         00:00:10 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vte_simple_triangle_01

 1130 r400vte_w0_fmt_01                                  00:00:10 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/r400vte_w0_fmt_01

 1131 r400vte_w0_fmt_02                                  00:00:10 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/r400vte_w0_fmt_02

 1132 r400vte_w0_fmt_03                                  00:00:10 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/r400vte_w0_fmt_03

 1133 r400vte_w0_fmt_04                                  00:00:11 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/r400vte_w0_fmt_04

 1134 r400vte_w0_fmt_05                                  00:00:11 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/r400vte_w0_fmt_05

 1135 r400vte_w0_fmt_06                                  00:00:16 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/r400vte_w0_fmt_06

 1136 r400vte_xy_fmt_01                                  00:00:10 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/r400vte_xy_fmt_01

 1137 r400vte_xy_fmt_02                                  00:00:11 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/r400vte_xy_fmt_02
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 1138 r400vte_xy_fmt_03                                  00:00:10 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/r400vte_xy_fmt_03

 1139 r400vte_xyz_scale_01                               00:00:10 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vte_xyz_scale_01

 1140 r400vte_xyz_scale_02                               00:00:10 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400vte_xyz_scale_02

 1141 r400vte_z_fmt_01                                   00:00:10 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/r400vte_z_fmt_01

 1142 r400vte_z_fmt_02                                   00:00:10 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/r400vte_z_fmt_02

 1143 r400vte_z_fmt_03                                   00:00:13 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/r400vte_z_fmt_03

 1144 r400vte_z_fmt_04                                   00:00:13 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/r400vte_z_fmt_04

 1145 r400sanity_vfd_texture_sample_01                   00:00:12 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400sanity_vfd_texture_sample_01

 1146 primlib_1st_tri_june15                             00:00:10 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/primlib_1st_tri_june15

 1147 primlib_gouraud_tri_1_xyz_vb_1_rgb_vb              00:00:11 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/primlib_gouraud_tri_1_xyz_vb_1_rgb_vb

 1148 primlib_gouraud_triangles_2_draw_passes            00:00:12 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/primlib_gouraud_triangles_2_draw_passes

 1149 primlib_parameterized_simple_triangle              00:00:11 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/primlib_parameterized_simple_triangle

 1150 primlib_template_simple_triangle                   00:00:11 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/primlib_template_simple_triangle

 1151 primlib_tex_tri                                    00:00:12 78411 FAIL
primlib_tex_tri_001.
 1152 primlib_zbuffer_2tris_03                           00:00:11 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/primlib_zbuffer_2tris_03

 1153 cp_dma_2desc                                       00:00:09 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/cp_dma_2desc
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 1154 cp_dma_interrupt                                  00:00:10 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/cp_dma_interrupt

 1155 cp_dma_m2m_01                                     00:00:10 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/cp_dma_m2m_01

 1156 cp_dma_m2m_02                                     00:00:09 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/cp_dma_m2m_02

 1157 cp_dma_m2m_03                                     00:00:10 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/cp_dma_m2m_03

 1158 cp_dma_m2m_04                                     00:00:10 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/cp_dma_m2m_04

 1159 cp_dma_m2r_01                                     00:00:10 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/cp_dma_m2r_01

 1160 cp_dma_m2r_02                                     00:00:10 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/cp_dma_m2r_02

 1161 cp_dma_m2r_03                                     00:00:10 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/cp_dma_m2r_03

 1162 cp_dma_m2r_04                                     00:00:09 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/cp_dma_m2r_04

 1163 cp_dma_m2r_r2m                                    00:00:09 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/cp_dma_m2r_r2m

 1164 cp_dma_pio_simple                                 00:00:10 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/cp_dma_pio_simple

 1165 cp_dma_pio_stress                                 00:00:10 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/cp_dma_pio_stress

 1166 cp_dma_piobm_stress                               00:00:10 78411 FAIL
compare mismatch No
 1167 cp_dma_r2m_01                                     00:00:10 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/cp_dma_r2m_01

 1168 cp_dma_r2m_02                                     00:00:09 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/cp_dma_r2m_02

 1169 cp_dma_r2m_03                                     00:00:09 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/cp_dma_r2m_03

 1170 cp_dma_r2m_04                                     00:00:10 78411 PASS    78411
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                    \\fl_mkelly2\d\r400\regress/78411_030122090555/cp_dma_r2m_04

 1171 cp_dma_r2r_01                                  00:00:10 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/cp_dma_r2r_01

 1172 cp_dma_r2r_02                                  00:00:09 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/cp_dma_r2r_02

 1173 cp_dma_r2r_03                                  00:00:09 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/cp_dma_r2r_03

 1174 cp_dma_r2r_r2m                                 00:00:10 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/cp_dma_r2r_r2m

 1175 cp_dma_r2r_r2m_m2m                             00:00:10 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/cp_dma_r2r_r2m_m2m

 1176 cp_dma_r2r_r2m_m2m_r2m                         00:00:10 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/cp_dma_r2r_r2m_m2m_r2m

 1177 cp_dma_simple                                  00:00:09 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/cp_dma_simple

 1178 cp_e2_hostdata_blt_pntr_8888                   00:00:12 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/cp_e2_hostdata_blt_pntr_8888

 1179 cp_e2_one_blit                                 00:00:10 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/cp_e2_one_blit

 1180 cp_e2_one_hline                                00:00:10 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/cp_e2_one_hline

 1181 cp_e2_one_line                                 00:00:10 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/cp_e2_one_line

 1182 cp_e2_one_vline                                00:00:11 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/cp_e2_one_vline

 1183 cp_e2_polyscanlines                            00:00:10 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/cp_e2_polyscanlines

 1184 cp_e2blit_brush_m                              00:00:11 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/cp_e2blit_brush_m

 1185 cp_e2blit_brush_mt_ropcc                       00:00:10 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/cp_e2blit_brush_mt_ropcc

 1186 cp_e2blit_brush_mt_ropf0                       00:00:10 78411 PASS    78411
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\\fl_mkelly2\d\r400\regress/78411_030122090555/cp_e2blit_brush_mt_ropf0

1187 cp_e2blit_src_8888i 00:00:28 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/cp_e2blit_src_8888i

1188 cp_e2blit_src_8888ii 00:00:21 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/cp_e2blit_src_8888ii

1189 cp_e2blit_src_8888iii 00:00:11 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/cp_e2blit_src_8888iii

1190 cp_e2blit_src_8888iv 00:00:11 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/cp_e2blit_src_8888iv

1191 cp_e2blit_src_8888v 00:00:14 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/cp_e2blit_src_8888v

1192 cp_e2blit_srf_cohr 00:00:11 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/cp_e2blit_srf_cohr

1193 cp_e2brush_8x8clr_565 00:00:11 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/cp_e2brush_8x8clr_565

1194 cp_e2brush_8x8clr_ci8 00:00:10 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/cp_e2brush_8x8clr_ci8

1195 cp_e2brush_8x8mmask_1555 00:00:11 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/cp_e2brush_8x8mmask_1555

1196 cp_e2brush_8x8mono_ci8 00:00:10 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/cp_e2brush_8x8mono_ci8

1197 cp_e2brush_solid 00:00:11 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/cp_e2brush_solid

1198 cp_e2cache1 00:00:12 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/cp_e2cache1

1199 cp_e2cache2 00:00:11 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/cp_e2cache2

1200 cp_e2gradfill_565 00:00:11 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/cp_e2gradfill_565

1201 cp_e2gradfill_1555 00:00:10 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/cp_e2gradfill_1555

1202 cp_e2gradfill_8888 00:00:11 78411 PASS 78411

1203 cp_e2gradfill_horizontal 00:00:12 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/cp_e2gradfill_horizontal

1204 cp_e2gradfill_triangle 00:00:11 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/cp_e2gradfill_triangle

1205 cp_e2gradfill_vertical 00:00:11 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/cp_e2gradfill_vertical

1206 cp_e2hostdata_blt2_565 00:00:22 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/cp_e2hostdata_blt2_565

1207 cp_e2hostdata_blt2_1555 00:00:23 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/cp_e2hostdata_blt2_1555

1208 cp_e2hostdata_blt2_8888 00:00:34 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/cp_e2hostdata_blt2_8888

1209 cp_e2hostdata_blt2_ci8 00:00:16 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/cp_e2hostdata_blt2_ci8

1210 cp_e2hostdata_blt_565 00:00:27 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/cp_e2hostdata_blt_565

1211 cp_e2hostdata_blt_1555 00:00:27 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/cp_e2hostdata_blt_1555

1212 cp_e2hostdata_blt_8888 00:00:42 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/cp_e2hostdata_blt_8888

1213 cp_e2hostdata_blt_ci8 00:00:19 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/cp_e2hostdata_blt_ci8

1214 cp_e2hostdata_blt_drv1 00:00:25 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/cp_e2hostdata_blt_drv1

1215 cp_e2hostdata_blt_pntr_565 00:00:12 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/cp_e2hostdata_blt_pntr_565

1216 cp_e2hostdata_blt_pntr_1555 00:00:11 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/cp_e2hostdata_blt_pntr_1555

1217 cp_e2hostdata_blt_pntr_ci8 00:00:12 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/cp_e2hostdata_blt_pntr_ci8

1218 cp_e2hostdata_byte_srcload 00:00:14 78411 PASS 78411

\\fl_mkelly2\d\r400\regress/78411_030122090555/cp_e2hostdata_byte_srcload

1219 cp_e2line_max 00:04:20 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/cp_e2line_max

1220 cp_e2line_patcount_poly 00:00:10 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/cp_e2line_patcount_poly

1221 cp_e2lines 00:00:16 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/cp_e2lines

1222 cp_e2load_palette 00:00:17 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/cp_e2load_palette

1223 cp_e2nextchar_565 00:00:12 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/cp_e2nextchar_565

1224 cp_e2nextchar_1555 00:00:12 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/cp_e2nextchar_1555

1225 cp_e2nextchar_8888 00:00:13 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/cp_e2nextchar_8888

1226 cp_e2nextchar_ci8 00:00:11 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/cp_e2nextchar_ci8

1227 cp_e2paint_565 00:00:10 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/cp_e2paint_565

1228 cp_e2paint_8888 00:00:11 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/cp_e2paint_8888

1229 cp_e2paint_multi 00:00:11 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/cp_e2paint_multi

1230 cp_e2perf_2d_04_vector 00:00:13 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/cp_e2perf_2d_04_vector

1231 cp_e2perf_ptrnfil 00:00:14 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/cp_e2perf_ptrnfil

1232 cp_e2ply_nextscan 00:00:11 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/cp_e2ply_nextscan

1233 cp_e2polyscanlines_brush 00:00:11 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/cp_e2polyscanlines_brush

1234 cp_e2polyscanlines_brush_mt 00:00:10 78411 PASS 78411

\\fl_mkelly2\d\r400\regress/78411_030122090555/cp_e2polyscanlines_brush_mt

1235 cp_e2rop 00:00:13 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/cp_e2rop

1236 cp_e2set_scissors 00:00:11 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/cp_e2set_scissors

1237 cp_e2smalltext 00:00:11 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/cp_e2smalltext

1238 cp_e2smalltext_jc1 00:00:13 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/cp_e2smalltext_jc1

1239 cp_e2smalltext_jc2 00:04:04 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/cp_e2smalltext_jc2

1240 cp_e2smalltext_max 00:01:58 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/cp_e2smalltext_max

1241 cp_e2smalltext_neg 00:00:11 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/cp_e2smalltext_neg

1242 cp_e2trans_bitblt 00:00:12 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/cp_e2trans_bitblt

1243 cp_rb_dst_blit_01 00:00:10 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/cp_rb_dst_blit_01

1244 cp_rb_dst_blit_agp_01 00:00:11 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/cp_rb_dst_blit_agp_01

1245 cp_rb_dst_blit_brush_01 00:00:10 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/cp_rb_dst_blit_brush_01

1246 cp_rb_dst_blit_brush_02 00:00:11 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/cp_rb_dst_blit_brush_02

1247 cp_rb_dst_blit_brush_03 00:00:11 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/cp_rb_dst_blit_brush_03

1248 cp_rb_dst_blit_brush_04 00:00:10 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/cp_rb_dst_blit_brush_04

1249 cp_rb_dst_blit_brush_05 00:00:10 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/cp_rb_dst_blit_brush_05

1250 cp_rb_dst_blit_brush_565_01 00:00:11 78411 PASS 78411

\\fl_mkelly2\d\r400\regress/78411_030122090555/cp_rb_dst_blit_brush_565_01

1251 cp_rb_dst_blit_brush_agp_01 00:00:10 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/cp_rb_dst_blit_brush_agp_01

1252 cp_rb_dst_blit_brush_agp_05 00:00:10 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/cp_rb_dst_blit_brush_agp_05

1253 cp_rb_dst_blit_brush_ci8_01 00:00:11 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/cp_rb_dst_blit_brush_ci8_01

1254 cp_rb_dst_blit_rop_01 00:00:16 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/cp_rb_dst_blit_rop_01

1255 cp_rb_dst_blit_rop_02 00:00:17 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/cp_rb_dst_blit_rop_02

1256 cp_rb_dst_blit_rop_03 00:00:12 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/cp_rb_dst_blit_rop_03

1257 cp_rb_dst_blit_rop_04 00:00:12 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/cp_rb_dst_blit_rop_04

1258 cp_rb_dst_blit_rop_05 00:00:12 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/cp_rb_dst_blit_rop_05

1259 cp_rb_dst_blit_rop_06 00:00:11 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/cp_rb_dst_blit_rop_06

1260 cp_rb_dst_blit_rop_07 00:00:11 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/cp_rb_dst_blit_rop_07

1261 cp_rb_dst_blit_rop_agp_01 00:00:16 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/cp_rb_dst_blit_rop_agp_01

1262 cp_rb_dst_blit_rop_agp_04 00:00:12 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/cp_rb_dst_blit_rop_agp_04

1263 cp_rb_dst_blit_rop_agp_07 00:00:11 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/cp_rb_dst_blit_rop_agp_07

1264 cp_rb_dst_clr_cmp_01 00:00:11 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/cp_rb_dst_clr_cmp_01

1265 cp_rb_dst_clr_cmp_02 00:00:11 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/cp_rb_dst_clr_cmp_02

1266 cp_rb_dst_clr_cmp_03 00:00:12 78411 PASS 78411

\\fl_mkelly2\d\r400\regress/78411_030122090555/cp_rb_dst_clr_cmp_03

1267 cp_rb_dst_clr_cmp_agp_01 00:00:11 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/cp_rb_dst_clr_cmp_agp_01

1268 cp_rb_dst_clr_cmp_msk_01 00:00:11 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/cp_rb_dst_clr_cmp_msk_01

1269 cp_rb_dst_clr_cmp_rops_01 00:00:11 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/cp_rb_dst_clr_cmp_rops_01

1270 cp_rb_dst_clr_cmp_rops_02 00:00:11 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/cp_rb_dst_clr_cmp_rops_02

1271 cp_rb_dst_clr_cmp_rops_03 00:00:12 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/cp_rb_dst_clr_cmp_rops_03

1272 cp_rb_dst_line_01 00:00:10 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/cp_rb_dst_line_01

1273 cp_rb_dst_line_brush_01 00:00:10 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/cp_rb_dst_line_brush_01

1274 cp_rb_dst_line_brush_02 00:00:10 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/cp_rb_dst_line_brush_02

1275 cp_rb_dst_line_brush_03 00:00:10 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/cp_rb_dst_line_brush_03

1276 cp_rb_dst_line_brush_agp_01 00:00:11 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/cp_rb_dst_line_brush_agp_01

1277 cp_rb_dstcache_aflush_2d_01 00:02:28 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/cp_rb_dstcache_aflush_2d_01

1278 cp_rb_dstcache_aflush_2d_agp_01 00:02:28 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/cp_rb_dstcache_aflush_2d_agp_01

1279 cp_rb_dstcache_fillflush_2d_01 00:00:53 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/cp_rb_dstcache_fillflush_2d_01

1280 cp_rb_dstcache_rmw_2d_01 00:00:16 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/cp_rb_dstcache_rmw_2d_01

1281 cp_rb_dstcache_rmw_2d_agp_01 00:00:17 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/cp_rb_dstcache_rmw_2d_agp_01

1282 cp_im_load_indirect 00:00:10 78411 PASS 78411

\\fl_mkelly2\d\r400\regress/78411_030122090555/cp_im_load_indirect

1283 cp_queue_avail_01 00:00:11 78411 FAIL
compare mismatch No
1284 cp_queue_avail_02 00:00:10 78411 FAIL
compare mismatch No
1285 cp_queue_avail_03 00:00:10 78411 FAIL
compare mismatch No
1286 cp_queue_avail_04 00:00:10 78411 FAIL
compare mismatch No
1287 cp_queue_avail_05 00:00:10 78411 FAIL
compare mismatch No
1288 cp_queue_avail_06 00:00:10 78411 FAIL
compare mismatch No
1289 cp_queue_avail_07 00:00:09 78411 FAIL
compare mismatch No
1290 cp_push_aper_indirect1 00:00:10 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/cp_push_aper_indirect1

1291 cp_push_aper_primary 00:00:10 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/cp_push_aper_primary

1292 cp_simple_triangle 00:00:11 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/cp_simple_triangle

1293 e2_bbll 00:00:11 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/e2_bbll

1294 e2_bbll_565 00:00:11 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/e2_bbll_565

1295 e2_bbll_1555 00:00:11 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/e2_bbll_1555

1296 e2_bbll_ci8 00:00:10 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/e2_bbll_ci8

1297 e2_blbl 00:00:11 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/e2_blbl

1298 e2_blbl_565 00:00:11 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/e2_blbl_565

1299 e2_blbl_1555 00:00:11 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/e2_blbl_1555

1300 e2_blbl_ci8 00:00:11 78411 PASS 78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/e2_blbl_ci8

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 1301 e2_blit_busy                                    00:00:11 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2_blit_busy

 1302 e2_blit_lines                                   00:00:11 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2_blit_lines

 1303 e2_blit_sync_565                                00:00:11 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2_blit_sync_565

 1304 e2_dstaddr                                      00:00:13 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2_dstaddr

 1305 e2_lblb                                         00:00:11 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2_lblb

 1306 e2_lblb_wh                                      00:00:11 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2_lblb_wh

 1307 e2_line_busy                                    00:00:10 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2_line_busy

 1308 e2_llbb                                         00:00:11 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2_llbb

 1309 e2_many_lines                                   00:00:17 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2_many_lines

 1310 e2_many_lines_2x4                               00:00:17 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2_many_lines_2x4

 1311 e2_many_lines_2x4_mask                          00:00:17 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/e2_many_lines_2x4_mask

 1312 e2_many_lines_4x4                               00:00:17 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2_many_lines_4x4

 1313 e2_many_lines_4x4_mask                          00:00:17 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/e2_many_lines_4x4_mask

 1314 e2_many_lines_4x8                               00:00:17 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2_many_lines_4x8

 1315 e2_many_lines_4x8_mask                          00:00:17 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/e2_many_lines_4x8_mask

 1316 e2_many_lines_mask                              00:00:17 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2_many_lines_mask
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 1317 e2_many_lines_pat                                  00:00:17 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2_many_lines_pat

 1318 e2_many_lines_w9x                                  00:00:17 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2_many_lines_w9x

 1319 e2_offset_pitch                                    00:00:12 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2_offset_pitch

 1320 e2_offset_pitch_16byte                             00:00:12 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/e2_offset_pitch_16byte

 1321 e2_one_blit                                        00:00:11 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2_one_blit

 1322 e2_one_line                                        00:00:10 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2_one_line

 1323 e2_partial_add                                     00:00:10 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2_partial_add

 1324 e2_pm4_blit_64x64                                  00:00:11 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2_pm4_blit_64x64

 1325 e2_pm4_blit_128x128                                00:00:12 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2_pm4_blit_128x128

 1326 e2_pm4_blit_256x256                                00:00:19 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2_pm4_blit_256x256

 1327 e2_simple2d                                        00:00:13 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2_simple2d

 1328 e2_write_256b                                      00:00:10 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2_write_256b

 1329 e2blit_3noshft_565                                 00:00:11 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_3noshft_565

 1330 e2blit_3noshft_1555                                00:00:10 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_3noshft_1555

 1331 e2blit_3noshft_8888                                00:00:10 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_3noshft_8888

 1332 e2blit_3noshft_ci8                                 00:00:11 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_3noshft_ci8
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1333 e2blit_3shftL_565                                  00:00:11 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_3shftL_565

1334 e2blit_3shftL_1555                                 00:00:11 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_3shftL_1555

1335 e2blit_3shftL_8888                                 00:00:11 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_3shftL_8888

1336 e2blit_3shftL_ci8                                  00:00:11 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_3shftL_ci8

1337 e2blit_3shftR_565                                  00:00:11 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_3shftR_565

1338 e2blit_3shftR_1555                                 00:00:11 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_3shftR_1555

1339 e2blit_3shftR_8888                                 00:00:11 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_3shftR_8888

1340 e2blit_3shftR_ci8                                  00:00:11 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_3shftR_ci8

1341 e2blit_640x5_8888                                  00:00:10 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_640x5_8888

1342 e2blit_agp2agp                                     00:00:11 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_agp2agp

1343 e2blit_agp2fb                                      00:00:11 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_agp2fb

1344 e2blit_agp2fb_big                                  00:00:12 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_agp2fb_big

1345 e2blit_agp2fb_big2                                 00:00:12 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_agp2fb_big2

1346 e2blit_beyondframe                                 00:00:11 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_beyondframe

1347 e2blit_clut32_8888                                 00:00:11 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_clut32_8888

1348 e2blit_clut32_8888_lines                           00:00:11 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_clut32_8888_lines
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1349 e2blit_clut_565                                    00:00:11 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_clut_565

1350 e2blit_clut_565_2                                  00:00:11 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_clut_565_2

1351 e2blit_clut_565all                                 00:00:11 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_clut_565all

1352 e2blit_clut_565indx                                00:00:11 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_clut_565indx

1353 e2blit_clut_8888                                   00:00:11 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_clut_8888

1354 e2blit_fb2agp_big                                  00:00:11 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_fb2agp_big

1355 e2blit_fb2agp_big_2                                00:00:12 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_fb2agp_big_2

1356 e2blit_host2agp                                    00:00:43 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_host2agp

1357 e2blit_host128_565_00                              00:00:15 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_host128_565_00

1358 e2blit_host128_565_00_wide                         00:00:14 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_host128_565_00_wide

1359 e2blit_host128_565_01                              00:00:15 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_host128_565_01

1360 e2blit_host128_565_01_wide                         00:00:14 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_host128_565_01_wide

1361 e2blit_host128_565_02                              00:00:16 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_host128_565_02

1362 e2blit_host128_565_02_wide                         00:00:14 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_host128_565_02_wide

1363 e2blit_host128_565_03                              00:00:15 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_host128_565_03

1364 e2blit_host128_565_03_wide                         00:00:15 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_host128_565_03_wide
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 1365 e2blit_host128_565_mono                          00:00:15 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_host128_565_mono

 1366 e2blit_host128_8888_00                           00:00:14 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_host128_8888_00

 1367 e2blit_host128_8888_01                           00:00:14 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_host128_8888_01

 1368 e2blit_host128_8888_02                           00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_host128_8888_02

 1369 e2blit_host128_8888_03                           00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_host128_8888_03

 1370 e2blit_host128_8888_mono                         00:00:15 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_host128_8888_mono

 1371 e2blit_host128_ci8_00                            00:00:40 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_host128_ci8_00

 1372 e2blit_host128_ci8_01                            00:00:40 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_host128_ci8_01

 1373 e2blit_host128_ci8_02                            00:00:41 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_host128_ci8_02

 1374 e2blit_host128_ci8_03                            00:00:40 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_host128_ci8_03

 1375 e2blit_host128_ci8_mono                          00:00:15 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_host128_ci8_mono

 1376 e2blit_host_1to8_00                              00:00:12 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_host_1to8_00

 1377 e2blit_host_1to8_01                              00:00:13 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_host_1to8_01

 1378 e2blit_host_1to8_02                              00:00:16 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_host_1to8_02

 1379 e2blit_host_1to8_04                              00:00:13 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_host_1to8_04

 1380 e2blit_host_1to8_04_lines                        00:00:14 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_host_1to8_04_lines
```

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 1381 e2blit_host_1to8_05                                00:00:14 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_host_1to8_05

 1382 e2blit_host_1to8_06                                00:00:11 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_host_1to8_06

 1383 e2blit_host_1to8_07                                00:00:13 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_host_1to8_07

 1384 e2blit_host_1to8_08                                00:00:16 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_host_1to8_08

 1385 e2blit_host_1to8_09                                00:00:11 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_host_1to8_09

 1386 e2blit_host_1to8_10                                00:00:13 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_host_1to8_10

 1387 e2blit_host_1to8_11                                00:00:16 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_host_1to8_11

 1388 e2blit_host_1to8mask_01                            00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_host_1to8mask_01

 1389 e2blit_host_1to8mask_03                            00:00:12 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_host_1to8mask_03

 1390 e2blit_host_1to8mask_09                            00:00:12 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_host_1to8mask_09

 1391 e2blit_host_1to8mask_10                            00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_host_1to8mask_10

 1392 e2blit_host_1to8mask_10_lines                      00:00:12 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_host_1to8mask_10_lines

 1393 e2blit_host_1to16_00                               00:00:12 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_host_1to16_00

 1394 e2blit_host_1to16_01                               00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_host_1to16_01

 1395 e2blit_host_1to16_02                               00:00:16 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_host_1to16_02

 1396 e2blit_host_1to16_03                               00:00:12 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_host_1to16_03
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 1397 e2blit_host_1to16_04                              00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_host_1to16_04

 1398 e2blit_host_1to16_05                              00:00:14 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_host_1to16_05

 1399 e2blit_host_1to16_06                              00:00:11 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_host_1to16_06

 1400 e2blit_host_1to16_07                              00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_host_1to16_07

 1401 e2blit_host_100x100_8888                          00:00:43 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_host_100x100_8888

 1402 e2blit_host_pm4_100x100_8888                      00:00:44 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_host_pm4_100x100_8888

 1403 e2blit_hostdest_1555                              00:00:11 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_hostdest_1555

 1404 e2blit_hostdest_1555_lines                        00:00:12 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_hostdest_1555_lines

 1405 e2blit_hostdest_8888                              00:00:12 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_hostdest_8888

 1406 e2blit_hostdest_ci8                               00:00:11 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_hostdest_ci8

 1407 e2blit_hostmono                                   00:00:11 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_hostmono

 1408 e2blit_hostmonow                                  00:00:15 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_hostmonow

 1409 e2blit_noshft_565                                 00:00:11 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_noshft_565

 1410 e2blit_noshft_1555                                00:00:10 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_noshft_1555

 1411 e2blit_noshft_8888                                00:00:10 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_noshft_8888

 1412 e2blit_noshft_ci8                                 00:00:11 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_noshft_ci8
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 1413 e2blit_offscreen                                  00:00:11 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_offscreen

 1414 e2blit_offset_565                                 00:00:12 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_offset_565

 1415 e2blit_offset_1555                                00:00:12 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_offset_1555

 1416 e2blit_offset_8888                                00:00:12 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_offset_8888

 1417 e2blit_offset_ci8                                 00:00:12 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_offset_ci8

 1418 e2blit_pitch_565                                  00:00:12 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_pitch_565

 1419 e2blit_pitch_1555                                 00:00:12 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_pitch_1555

 1420 e2blit_pitch_8888                                 00:00:12 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_pitch_8888

 1421 e2blit_pix_order_565                              00:00:10 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_pix_order_565

 1422 e2blit_pix_order_1555                             00:00:11 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_pix_order_1555

 1423 e2blit_pix_order_8888                             00:00:11 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_pix_order_8888

 1424 e2blit_pix_order_ci8                              00:00:10 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_pix_order_ci8

 1425 e2blit_qdrnt_cc                                   00:00:11 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_qdrnt_cc

 1426 e2blit_qdrnt_cc_565                               00:00:10 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_qdrnt_cc_565

 1427 e2blit_qdrnt_cc_1555                              00:00:11 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_qdrnt_cc_1555

 1428 e2blit_qdrnt_cc_ci8                               00:00:10 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_qdrnt_cc_ci8
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 1429 e2blit_raster_order                                00:00:10 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_raster_order

 1430 e2blit_raster_orderb                               00:00:11 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_raster_orderb

 1431 e2blit_shftL_565                                   00:00:10 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_shftL_565

 1432 e2blit_shftL_1555                                  00:00:11 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_shftL_1555

 1433 e2blit_shftL_8888                                  00:00:11 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_shftL_8888

 1434 e2blit_shftL_ci8                                   00:00:11 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_shftL_ci8

 1435 e2blit_shftR_565                                   00:00:10 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_shftR_565

 1436 e2blit_shftR_1555                                  00:00:10 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_shftR_1555

 1437 e2blit_shftR_8888                                  00:00:10 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_shftR_8888

 1438 e2blit_shftR_ci8                                   00:00:11 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_shftR_ci8

 1439 e2blit_src_565                                     00:00:27 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_src_565

 1440 e2blit_src_565a                                    00:00:22 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_src_565a

 1441 e2blit_src_565b                                    00:00:12 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_src_565b

 1442 e2blit_src_565c                                    00:00:13 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_src_565c

 1443 e2blit_src_8888                                    00:00:20 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_src_8888

 1444 e2blit_src_8888_sdest                              00:00:12 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_src_8888_sdest
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 1445 e2blit_src_8888_smono                              00:00:10 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_src_8888_smono

 1446 e2blit_src_8888a                                   00:00:15 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_src_8888a

 1447 e2blit_src_8888b                                   00:00:11 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_src_8888b

 1448 e2blit_src_8888d                                   00:00:12 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_src_8888d

 1449 e2blit_src_ci8                                     00:00:19 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_src_ci8

 1450 e2blit_src_ci8_smono                               00:00:10 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_src_ci8_smono

 1451 e2blit_src_ci8_smonom                              00:00:10 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_src_ci8_smonom

 1452 e2blit_src_ci8a                                    00:00:14 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_src_ci8a

 1453 e2blit_src_ci8b                                    00:00:13 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_src_ci8b

 1454 e2blit_walk_565                                    00:00:12 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_walk_565

 1455 e2blit_walk_1555                                   00:00:12 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_walk_1555

 1456 e2blit_walk_8888                                   00:00:12 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_walk_8888

 1457 e2blit_walk_ci8                                    00:00:12 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_walk_ci8

 1458 e2blit_walk_srcdst                                 00:00:11 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_walk_srcdst

 1459 e2blit_wh_8888                                     00:00:12 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2blit_wh_8888

 1460 e2blits_565                                        00:00:11 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2blits_565
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 1461 e2brush                                          00:00:11 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2brush

 1462 e2brush_8x8clr                                   00:00:10 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2brush_8x8clr

 1463 e2brush_8x8clr_565                               00:00:10 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2brush_8x8clr_565

 1464 e2brush_8x8clr_1555                              00:00:11 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2brush_8x8clr_1555

 1465 e2brush_8x8clr_ci8                               00:00:10 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2brush_8x8clr_ci8

 1466 e2brush_8x8mmask                                 00:00:11 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2brush_8x8mmask

 1467 e2brush_8x8mmask_565                             00:00:11 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/e2brush_8x8mmask_565

 1468 e2brush_8x8mmask_1555                            00:00:10 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/e2brush_8x8mmask_1555

 1469 e2brush_8x8mmask_ci8                             00:00:11 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/e2brush_8x8mmask_ci8

 1470 e2brush_8x8mono                                  00:00:11 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2brush_8x8mono

 1471 e2brush_8x8mono_565                              00:00:10 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2brush_8x8mono_565

 1472 e2brush_8x8mono_1555                             00:00:11 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/e2brush_8x8mono_1555

 1473 e2brush_8x8mono_ci8                              00:00:10 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2brush_8x8mono_ci8

 1474 e2brush_32x1line                                 00:00:11 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2brush_32x1line

 1475 e2brush_32x1line_565                             00:00:11 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/e2brush_32x1line_565

 1476 e2brush_32x1line_1555                            00:00:10 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/e2brush_32x1line_1555
```

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 1477 e2brush_32x1line_ci8                                00:00:11 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/e2brush_32x1line_ci8

 1478 e2brush_32x1linemask                                00:00:11 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/e2brush_32x1linemask

 1479 e2brush_32x1linemask_565                            00:00:11 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/e2brush_32x1linemask_565

 1480 e2brush_32x1linemask_1555                           00:00:11 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/e2brush_32x1linemask_1555

 1481 e2brush_32x1linemask_ci8                            00:00:10 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/e2brush_32x1linemask_ci8

 1482 e2brush_565                                         00:00:11 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2brush_565

 1483 e2brush_1555                                        00:00:11 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2brush_1555

 1484 e2brush_address                                     00:00:14 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2brush_address

 1485 e2brush_address_565                                 00:00:12 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2brush_address_565

 1486 e2brush_address_1555                                00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/e2brush_address_1555

 1487 e2brush_address_ci8                                 00:00:12 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2brush_address_ci8

 1488 e2brush_ci8                                         00:00:11 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2brush_ci8

 1489 e2brush_solid                                       00:00:10 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2brush_solid

 1490 e2brush_solid_565                                   00:00:11 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2brush_solid_565

 1491 e2brush_solid_1555                                  00:00:10 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2brush_solid_1555

 1492 e2brush_solid_ci8                                   00:00:11 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2brush_solid_ci8
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 1493 e2brush_solidline                                  00:00:10 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2brush_solidline

 1494 e2brush_solidline_565                              00:00:11 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/e2brush_solidline_565

 1495 e2brush_solidline_1555                             00:00:10 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/e2brush_solidline_1555

 1496 e2brush_solidline_ci8                              00:00:11 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/e2brush_solidline_ci8

 1497 e2cache1                                           00:00:11 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2cache1

 1498 e2cache2                                           00:00:11 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2cache2

 1499 e2cache4                                           00:00:18 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2cache4

 1500 e2cache5                                           00:00:14 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2cache5

 1501 e2cache6                                           00:00:11 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2cache6

 1502 e2cache7                                           00:00:12 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2cache7

 1503 e2cache8                                           00:00:11 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2cache8

 1504 e2dst_scssr_565                                    00:00:11 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2dst_scssr_565

 1505 e2dst_scssr_1555                                   00:00:11 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2dst_scssr_1555

 1506 e2dst_scssr_8888                                   00:00:11 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2dst_scssr_8888

 1507 e2dst_scssr_ci8                                    00:00:11 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2dst_scssr_ci8

 1508 e2endian_fb                                        00:00:14 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2endian_fb
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1509 e2endian_agp                                    00:00:13 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/e2endian_agp

1510 e2endian_host                                   00:00:16 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/e2endian_host

1511 e2lilblit                                       00:00:11 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/e2lilblit

1512 e2lilblit_line                                  00:00:11 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/e2lilblit_line

1513 e2line_box                                      00:00:10 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/e2line_box

1514 e2line_bridgeB                                  00:00:11 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/e2line_bridgeB

1515 e2line_bridgeBL                                 00:00:10 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/e2line_bridgeBL

1516 e2line_bridgeBR                                 00:00:11 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/e2line_bridgeBR

1517 e2line_bridgeL                                  00:00:10 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/e2line_bridgeL

1518 e2line_bridgeLRTB                               00:00:11 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/e2line_bridgeLRTB

1519 e2line_bridgeR                                  00:00:10 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/e2line_bridgeR

1520 e2line_bridgeT                                  00:00:11 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/e2line_bridgeT

1521 e2line_bridgeTL                                 00:00:10 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/e2line_bridgeTL

1522 e2line_bridgeTR                                 00:00:11 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/e2line_bridgeTR

1523 e2line_hori565                                  00:00:11 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/e2line_hori565

1524 e2line_hori1555                                 00:00:11 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/e2line_hori1555
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 1525 e2line_hori8888                                  00:00:11 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2line_hori8888

 1526 e2line_horici8                                   00:00:12 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2line_horici8

 1527 e2line_horishort565                              00:00:10 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2line_horishort565

 1528 e2line_horishort1555                             00:00:10 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/e2line_horishort1555

 1529 e2line_horishort8888                             00:00:10 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/e2line_horishort8888

 1530 e2line_horishortci8                              00:00:11 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2line_horishortci8

 1531 e2line_nobridge                                  00:00:11 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2line_nobridge

 1532 e2line_offscreen                                 00:00:11 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2line_offscreen

 1533 e2line_patcount                                  00:00:12 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2line_patcount

 1534 e2line_patcount_565                              00:00:12 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2line_patcount_565

 1535 e2line_patcount_1555                             00:00:11 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/e2line_patcount_1555

 1536 e2line_patcount_ci8                              00:00:12 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2line_patcount_ci8

 1537 e2line_patcount_poly_565                         00:00:11 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/e2line_patcount_poly_565

 1538 e2line_patcount_poly_ci8                         00:00:11 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/e2line_patcount_poly_ci8

 1539 e2line_ptrn                                      00:00:11 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2line_ptrn

 1540 e2line_ptrnplaid                                 00:00:12 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2line_ptrnplaid
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 1541 e2line_star                                        00:00:11 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2line_star

 1542 e2line_vert565                                     00:00:11 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2line_vert565

 1543 e2line_vert1555                                    00:00:11 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2line_vert1555

 1544 e2line_vert8888                                    00:00:11 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2line_vert8888

 1545 e2line_vertci8                                     00:00:12 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2line_vertci8

 1546 e2line_vertshort565                                00:00:11 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2line_vertshort565

 1547 e2line_vertshort1555                               00:00:10 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/e2line_vertshort1555

 1548 e2line_vertshort8888                               00:00:10 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/e2line_vertshort8888

 1549 e2line_vertshortci8                                00:00:10 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2line_vertshortci8

 1550 e2line_zeropixel                                   00:00:10 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2line_zeropixel

 1551 e2max_values_height                                00:00:18 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2max_values_height

 1552 e2max_values_offset                                00:00:10 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2max_values_offset

 1553 e2max_values_width                                 00:00:17 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2max_values_width

 1554 e2max_values_xy                                    00:00:10 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2max_values_xy

 1555 e2rop_00_0f                                        00:00:10 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2rop_00_0f

 1556 e2rop_10_1f                                        00:00:10 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2rop_10_1f
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 1557 e2rop_20_2f                                    00:00:11 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2rop_20_2f

 1558 e2rop_30_3f                                    00:00:11 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2rop_30_3f

 1559 e2rop_40_4f                                    00:00:11 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2rop_40_4f

 1560 e2rop_50_5f                                    00:00:10 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2rop_50_5f

 1561 e2rop_60_6f                                    00:00:10 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2rop_60_6f

 1562 e2rop_70_7f                                    00:00:10 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2rop_70_7f

 1563 e2rop_80_8f                                    00:00:10 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2rop_80_8f

 1564 e2rop_90_9f                                    00:00:11 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2rop_90_9f

 1565 e2rop_a0_af                                    00:00:11 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2rop_a0_af

 1566 e2rop_b0_bf                                    00:00:10 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2rop_b0_bf

 1567 e2rop_c0_cf                                    00:00:11 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2rop_c0_cf

 1568 e2rop_d0_df                                    00:00:10 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2rop_d0_df

 1569 e2rop_e0_ef                                    00:00:10 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2rop_e0_ef

 1570 e2rop_f0_ff                                    00:00:10 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/e2rop_f0_ff

 1571 e2scssr_flipped_blits_8888                     00:00:10 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/e2scssr_flipped_blits_8888

 1572 e2scssr_flipped_lines                          00:00:10 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/e2scssr_flipped_lines
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1573 e2scssr_none_565                                  00:00:11 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/e2scssr_none_565

1574 e2scssr_none_1555                                 00:00:11 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/e2scssr_none_1555

1575 e2scssr_none_8888                                 00:00:11 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/e2scssr_none_8888

1576 e2scssr_none_ci8                                  00:00:10 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/e2scssr_none_ci8

1577 e2scssr_within_565                                00:00:11 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/e2scssr_within_565

1578 e2scssr_within_1555                               00:00:11 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/e2scssr_within_1555

1579 e2scssr_within_8888                               00:00:10 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/e2scssr_within_8888

1580 e2scssr_within_ci8                                00:00:11 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/e2scssr_within_ci8

1581 e2scssrB_565                                      00:00:10 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/e2scssrB_565

1582 e2scssrB_1555                                     00:00:11 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/e2scssrB_1555

1583 e2scssrB_8888                                     00:00:10 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/e2scssrB_8888

1584 e2scssrB_ci8                                      00:00:11 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/e2scssrB_ci8

1585 e2scssrBL_565                                     00:00:11 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/e2scssrBL_565

1586 e2scssrBL_1555                                    00:00:10 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/e2scssrBL_1555

1587 e2scssrBL_8888                                    00:00:11 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/e2scssrBL_8888

1588 e2scssrBL_ci8                                     00:00:11 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/e2scssrBL_ci8
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1589 e2scssrBR_565                                    00:00:10 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/e2scssrBR_565

1590 e2scssrBR_1555                                   00:00:11 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/e2scssrBR_1555

1591 e2scssrBR_8888                                   00:00:11 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/e2scssrBR_8888

1592 e2scssrBR_ci8                                    00:00:10 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/e2scssrBR_ci8

1593 e2scssrL_565                                     00:00:11 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/e2scssrL_565

1594 e2scssrL_1555                                    00:00:10 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/e2scssrL_1555

1595 e2scssrL_8888                                    00:00:11 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/e2scssrL_8888

1596 e2scssrL_ci8                                     00:00:11 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/e2scssrL_ci8

1597 e2scssrLRTB_565                                  00:00:11 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/e2scssrLRTB_565

1598 e2scssrLRTB_1555                                 00:00:11 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/e2scssrLRTB_1555

1599 e2scssrLRTB_8888                                 00:00:10 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/e2scssrLRTB_8888

1600 e2scssrLRTB_ci8                                  00:00:11 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/e2scssrLRTB_ci8

1601 e2scssrR_565                                     00:00:11 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/e2scssrR_565

1602 e2scssrR_1555                                    00:00:11 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/e2scssrR_1555

1603 e2scssrR_8888                                    00:00:11 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/e2scssrR_8888

1604 e2scssrR_ci8                                     00:00:10 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/e2scssrR_ci8
```

```
1605 e2scssrT_565                                    00:00:11 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/e2scssrT_565

1606 e2scssrT_1555                                   00:00:10 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/e2scssrT_1555

1607 e2scssrT_8888                                   00:00:11 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/e2scssrT_8888

1608 e2scssrT_ci8                                    00:00:11 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/e2scssrT_ci8

1609 e2scssrTL_565                                   00:00:11 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/e2scssrTL_565

1610 e2scssrTL_1555                                  00:00:11 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/e2scssrTL_1555

1611 e2scssrTL_8888                                  00:00:10 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/e2scssrTL_8888

1612 e2scssrTL_ci8                                   00:00:11 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/e2scssrTL_ci8

1613 e2scssrTR_565                                   00:00:10 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/e2scssrTR_565

1614 e2scssrTR_1555                                  00:00:11 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/e2scssrTR_1555

1615 e2scssrTR_8888                                  00:00:10 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/e2scssrTR_8888

1616 e2scssrTR_ci8                                   00:00:11 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/e2scssrTR_ci8

1617 e2src_scssrB                                    00:00:11 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/e2src_scssrB

1618 e2src_scssrB_565                                00:00:10 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/e2src_scssrB_565

1619 e2src_scssrB_1555                               00:00:11 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/e2src_scssrB_1555

1620 e2src_scssrB_ci8                                00:00:11 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/e2src_scssrB_ci8
```

```
1621 e2src_scssrBR                                    00:00:10 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/e2src_scssrBR

1622 e2src_scssrBR_565                                00:00:11 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/e2src_scssrBR_565

1623 e2src_scssrBR_1555                               00:00:11 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/e2src_scssrBR_1555

1624 e2src_scssrBR_ci8                                00:00:11 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/e2src_scssrBR_ci8

1625 e2src_scssrR                                     00:00:11 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/e2src_scssrR

1626 e2src_scssrR_565                                 00:00:10 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/e2src_scssrR_565

1627 e2src_scssrR_1555                                00:00:10 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/e2src_scssrR_1555

1628 e2src_scssrR_ci8                                 00:00:11 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/e2src_scssrR_ci8

1629 e2srcsc_565                                      00:00:12 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/e2srcsc_565

1630 e2srcsc_8888                                     00:00:12 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/e2srcsc_8888

1631 e2srcsc_ci8                                      00:00:12 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/e2srcsc_ci8

1632 r400cp_2drotdst_hbl                              00:00:10 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/r400cp_2drotdst_hbl

1633 r400cp_2drotdst_hbr                              00:00:11 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/r400cp_2drotdst_hbr

1634 r400cp_2drotdst_htl                              00:00:11 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/r400cp_2drotdst_htl

1635 r400cp_2drotdst_htr                              00:00:11 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/r400cp_2drotdst_htr

1636 r400cp_2drotdst_vbl                              00:00:11 78411 PASS    78411
                  \\fl_mkelly2\d\r400\regress/78411_030122090555/r400cp_2drotdst_vbl
```

```
 1637 r400cp_2drotdst_vbr                                  00:00:10 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/r400cp_2drotdst_vbr

 1638 r400cp_2drotdst_vtl                                  00:00:10 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/r400cp_2drotdst_vtl

 1639 r400cp_2drotdst_vtr                                  00:00:11 78411 PASS    78411
                    \\fl_mkelly2\d\r400\regress/78411_030122090555/r400cp_2drotdst_vtr

 1640 r400cp_2drotdst_host                                 00:00:17 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400cp_2drotdst_host

 1641 r400cp_2drotsrc_eqofst                               00:00:14 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400cp_2drotsrc_eqofst

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\\fl_mkelly2\d\r400\regress/78411_030122090555/r400cp_2drotsrc_neqofst

 1643 r400cp_2dalphablend_sb                               00:00:27 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400cp_2dalphablend_sb

 1644 r400cp_2dalphablend_abc                              00:00:12 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400cp_2dalphablend_abc

 1645 r400cp_2dalphablend_abs                              00:00:12 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400cp_2dalphablend_abs

 1646 r400cp_2dalphablend_abb                              00:00:13 78411 PASS    78411
\\fl_mkelly2\d\r400\regress/78411_030122090555/r400cp_2dalphablend_abb

 1647 r400cp_registers                                     00:00:08 78411 FAIL
gold or cmp file mis
 1648 r400rbbm_simple_triangle_01                          07:02:27 78411 FAIL
cmp file missing No
+-------------------------------------------------------------------------------------
-------------------------------------+
                                                           16:11:27
```

+ Regression Summary:  R400 EMU SYNC 78411
+ Date: Thu Jan 23 06:48:59 2003

| UNIT | Total Tests | Tests Run | Tests Pass | %Pass |
|---|---|---|---|---|
| SC | 393 | 390 | 383 | 98.21 |
| VGT | 233 | 233 | 192 | 82.40 |
| CL | 341 | 336 | 335 | 99.70 |
| SU | 148 | 147 | 137 | 93.20 |
| VTE | 39 | 38 | 37 | 97.37 |
| CP | 500 | 495 | 486 | 98.18 |
| RBBM | 1 | 1 | 0 | 0.00 |
| BUGS | 0 | 0 | 0 | 0.00 |
| SANITY | 1 | 1 | 1 | 100.00 |
| STRESS | 0 | 0 | 0 | 0.00 |
| PERF | 7 | 7 | 6 | 85.71 |
| TOTAL | 1663 | 1648 | 1577 | 95.69 |

# Action Items for BIF

Code changes

- Performance counter (Jimmy, high priority)
- 64-byte write split (Jimmy, high priority)
- debug ports for new features (do that after BIF code is stable)
- clean up top level connections (Roche and Jimmy, high priority)
- put BIF ECO in previous chips into source code for R400, come up with a list of BIF ECOs that put into R400 BIF (Roche, high priority)

Debugging new features

- BIF coherency (identify coherency cases we need to test, and initially put the cases into short chip level tests, later may combine different cases together into longer tests) (William, high priority)
- Slave paths (for FW and PCI paths, to verify that the request splitting in FW block is working)
- Develop test bench tests for special cases that needs manual intervention, e.g. to hold the RTR low long enough to make sure the fast write request splitter is working properly
- Register tests for PCI registers that are required for PCI 2.3 compatibility
- Multifunction
- Expanded AGP/PCI addressing
- Extended memory/ROM/register aperture
- 64 byte AGP write requests
- Reset AGP pad write pointer
- Soft reset H/W while windows is running
- CHIPID and STRAP tests (can be local BIF level tests)

Synthesis

- Timing fixes (that may involve code changes)
- Check synthesis errors and warnings
- Review timing constraints

Timing

- Identify paths that cross BCLK-SCLK boundary (that will help to expose glitches or holes in the BIF coherency logic)

Debug existing BIF tests

- Slave, FW, busmaster, AGP (high priority, Roche to look after slave tests and William to look after FW tests)

- Emulation support for coherency (discuss that with Vicky)
- Debug BIF-related issues from non-BIF tests (Roche)

Debug new BIF tests

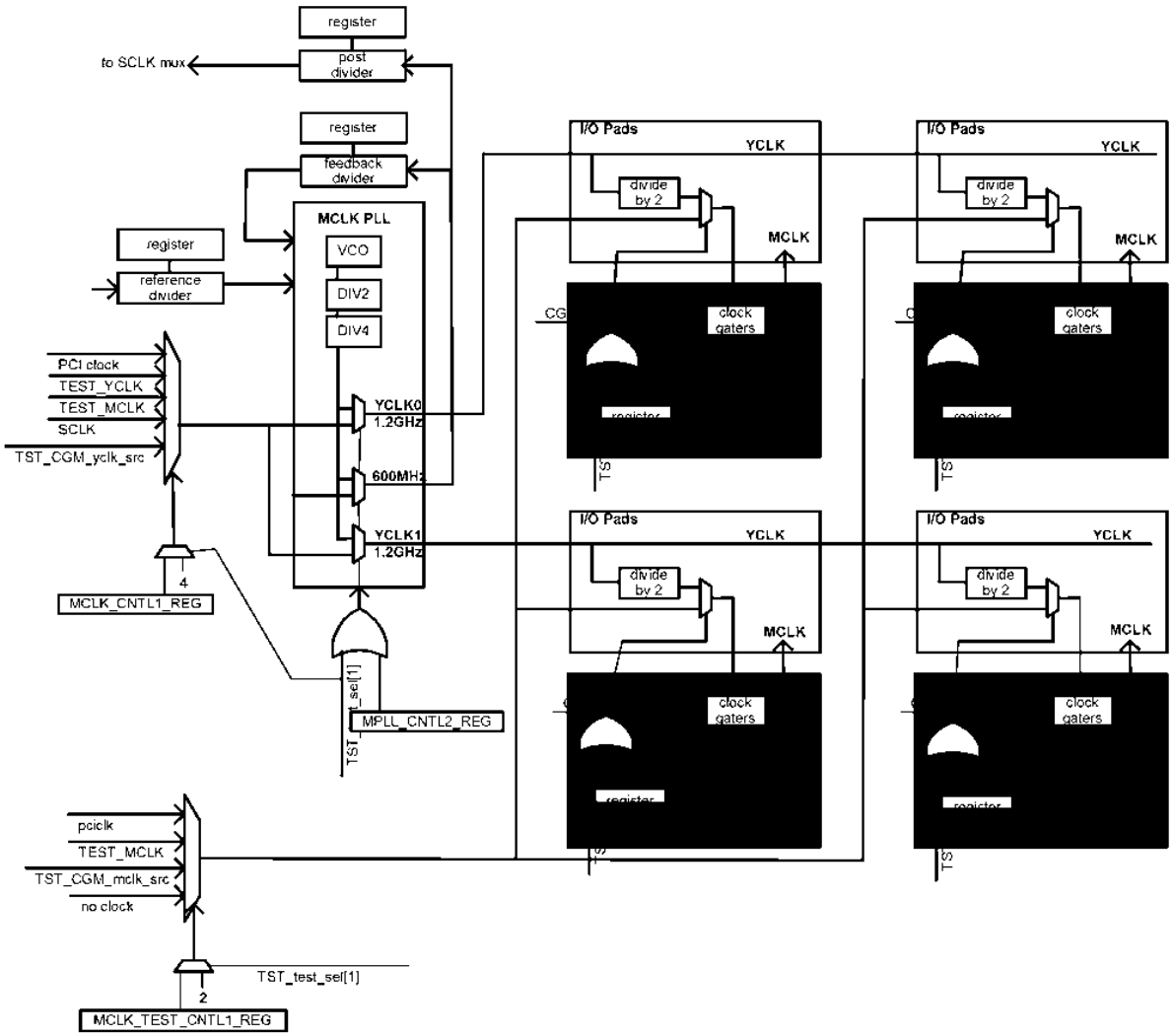
- Test plan for new tests (Jimmy, after emulation document for BIF new features)
- BIF coherency tests
- Tests to test PCI registers for PCI 2.3 compatibility
- Multifunction tests
- Expand AGP/PCI addressing
- Expand memory/ROM/register aperture
- 64 byte AGP write requests
- Reset AGP pad write pointer
- Soft reset H/W while windows is running

Documentation

- BIF implementation specs update
- Coherency documentation
- Register description file
- Specs for emulation changes (Jimmy, after source code changes)

Reviews

- Review BIF ports with other interface block owners


register
to SCLK mux
post divider
register
feedback divider
MCLK PLL
register
reference divider
VCO
DIV2
DIV4
PCI clock
TEST_YCLK
TEST_MCLK
SCLK
TST_CGM_yclk_src
YCLK0
1.2GHz
600MHz
YCLK1
1.2GHz
4
MCLK_CNTL1_REG
TST_sel[1]
MPLL_CNTL2_REG
pciclk
TEST_MCLK
TST_CGM_mclk_src
no clock
TST_test_sel[1]
2
MCLK_TEST_CNTL1_REG
I/O Pads
YCLK
divide by 2
MCLK
clock gaters
register
TST

# Clock Synthesizer for RAMDAC and Video Applications

*Requirement Specification for 0.15μm Development*

***KAREN WAN***

***IC Development Group***

*Revision 0.2*

*Last Updated on June 19,2001*

***WARNING***

***This document contains confidential information that could be substantially detrimental to the interest of ATI Technologies Inc. through unauthorized use or disclosure.***

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# Revision History

| Revision | Date | Author | Remark |
|---|---|---|---|
| 02 | June 19, 2001 | Karen Wan | Added another slip circuitry inside for fractional divider<br>Changed the minimum input frequency from 400kHz to 1MHz |
| 0.1 | October 26, 2000 | Karen Wan | Initial revision.<br>Changed technology from 0.18um to 0.15um<br>Changed frequency range from 120-350MHz to 120-400MHz |

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# Introduction

This document is designed to provide the hardware design teams with the technical specifications required by a fully integrated PLL-based clock synthesizer for RAMDAC and video display circuits to meet ATI's future product requirements. The use of standard 0.15um single-gate-oxide 1P7M digital CMOS process with 1.8Vtg power supply is a stated requirement for this class of products. The clocking solution will provide synchronous pipelined logic clock frequencies from 120 to 400MHz in minimum steps of 1MHz.

This specification is intended to provide circuit designers a well-defined and measurable design target that will meet the system-level clocking requirements. While the focus of this document is on functionality and electrical and timing parameters, verification procedures at different design stages are also covered in detail to ensure sufficient level of testability. Finally, the design guidelines for other development and qualification groups place the document in a system-level context.

This specification provides a baseline of development for the clocking requirements in future ATI products. It is not the only implementation that can be developed; however, this baseline functionality is required for most systems.

**Note**: The PLL specified in this document may not be suitable for high-speed digital circuits.

## Key Features

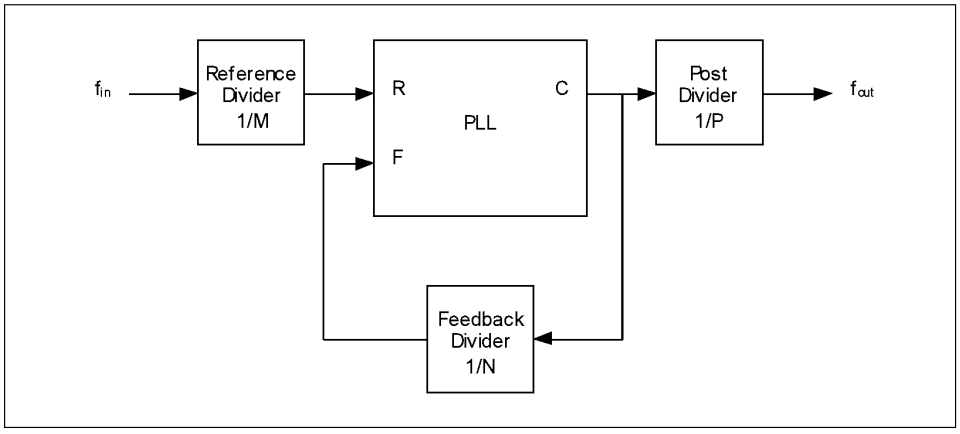
- Input reference frequency ranges from 1MHz to 13.5MHz
- VCO frequency ranges from 120 to 400MHz
- Less than 50ps cycle-to-cycle, 200ps peak-to-peak, and 1ns long-term jitter with 100mVpp sinusoidal supply ripple
- Fully integrated with built-in self-biasing circuitry
- Phase slipping circuitry to support fractional divider and gen-locking
- Less than 7mA average current consumption under nominal conditions
- Designed using standard 1.8Vtg, 0.15um single-gate-oxide digital CMOS process

## Phase-Locked Loop Overview

Today's ASIC usually derives its internal clocks from an off-chip discrete component such as crystals or oscillators running at some standard frequencies (common ones are 14.31818MHz and 29.498MHz). In order to meet the different timing requirements of different logic blocks independent of the source frequency, integrated PLL-based clock synthesizers are used to generate the frequency-multiplied clocks required by the high-speed digital circuitry.

A typical clock synthesizer system is composed of 4 components: a phase-locked loop (PLL) and 3 frequency dividers. When connected in a feedback configuration as shown in the

following diagram, the PLL be used to generate a clock signal that is a rational multiple of the source clock.




• Figure 1: Clock Synthesizer System

The front-end of the PLL is a phase/frequency detector (PFD) that continuously monitors and compares the phase of the clock signals appeared at the two input ports, R (for reference) and F (for feedback). Upon detecting any difference, it will adjust the frequency of the clock generated at the output port C (for clock) in such a direction that the difference will be eliminated.

The clock synthesizer is best understood using negative feedback control theory. When the whole system reaches steady state, i.e. phase-locked, the output clock frequency, $f_{out}$, is related to the input clock frequency, $f_{in}$, through a simple, yet exact, equation:

$$f_{out} = f_{in} \times \frac{N}{M \times P}$$

As suggested by the equation, the frequency multiplication factor of the clock synthesizer system only depends on the three frequency divider values, M, N and P. They are usually, but not limited to, integers. The choice of a particular set of divider values should not be based solely on the desired output clock frequency, but should also take into consideration of constrains such as electrical limitations of the PLL, loop stability and jitter performance.

The frequency dividers are to be residing in the core and, hence, are not considered as part of the PLL. The implementation detail of the dividers is out of the scope of this specification and is the responsibility of the logic designer who uses this macro.

## Gen-locking Overview

TBW

## Related Documents

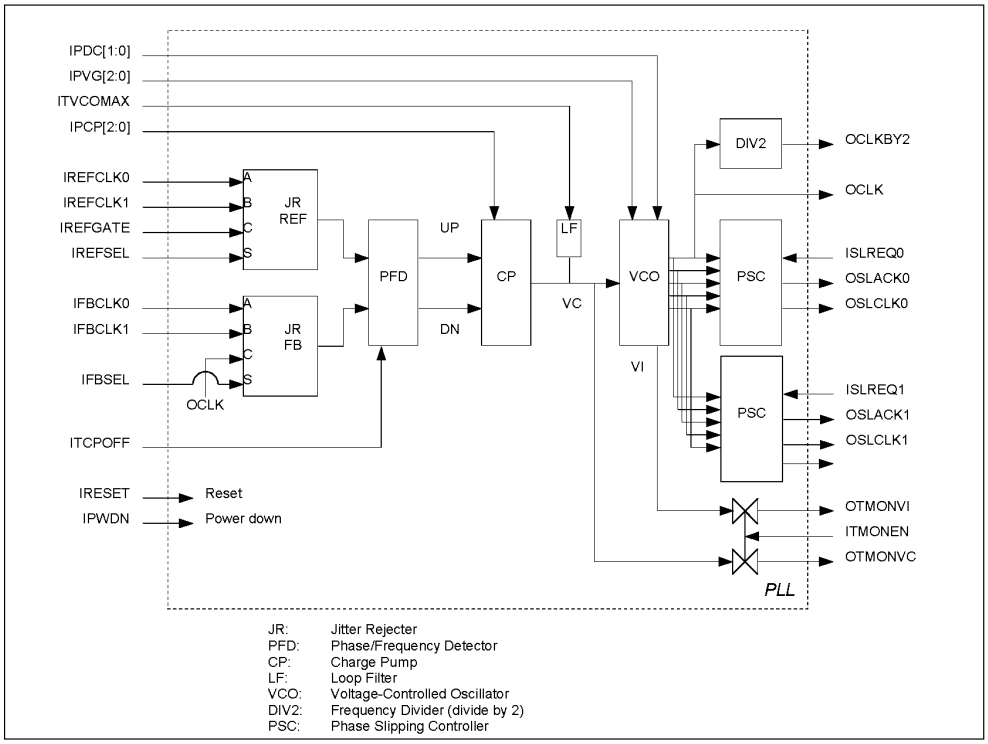
TBW

# Functional Requirements

This section details the functional requirement of a PLL-based clock synthesizer optimized for RAMDAC and video display circuits.

## Port Definition and Building Blocks

The following diagram shows the basic building blocks of the PLL:




•Figure 2: Functional Block Diagram

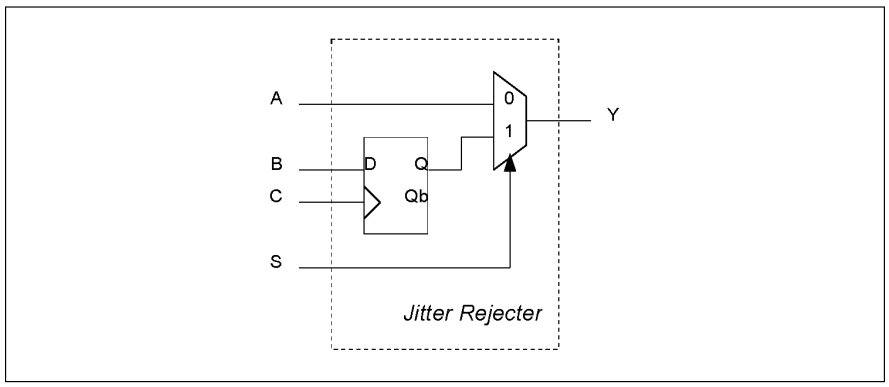
The macro has 16 input ports and 6 output ports. It also requires a pair of dedicated power and ground for the analog portion of the macro, along with the core VDD and VSS.

| Port Name | Description |
|---|---|
| IREFCLK0 | Reference Clock 0. When IREFSEL is low, this signal is the PLL reference clock. Its duty-cycle is ignored by the PFD. |
| IREFCLK1 | Reference Clock 1. Leading into JR REF, this clock is gated by IREFGATE. A high level in IREFSEL selects this signal as the PLL reference clock. |
| IREFGATE | Reference Clock Gating Signal. Leading into JR REF, this signal should be a jitter-free clock used for gating IREFCLK1. Its frequency should be an integral multiple of IREFCLK1's frequency. |
| IREFSEL | Reference Clock Select. A low level selects IREFCLK0 as the PLL reference clock, which is the signal that the PLL tries to phase-lock. A high signal selects IREFCLK1. It is highly recommended that the same logic value be applied to both IREFSEL and IFBSEL. |

| Port Name | Description |
|---|---|
| IFBCLK0 | Feedback Clock 0. When IFBSEL is low, this signal is the PLL feedback clock. Like IREFCLK0, its duty-cycle is ignored by the PFD. |
| IFBCLK1 | Feedback Clock 1. Leading into JR FB, this clock is gated by OCLK. A high level in IFBSEL selects this signal as the PLL feedback clock. The frequency of OCLK must be an integral multiple of IFBCLK1's frequency. |
| IFBSEL | Feedback Clock Select. A low level selects IFBCLK0 as the PLL feedback clock, which is the signal that the PLL uses to compare with the reference input. A high signal selects IFBCLK1. It is highly recommended that the same logic value be applied to both IREFSEL and IFBSEL. |
| IRESET | Reset Signal (active high, level sensitive). A low level puts the PLL in normal operating mode. A high level resets the PLL. The macro will not operate properly before going through the reset sequence. During reset OCLK, OCLKBY2, OSLCLK and OSLACK shall remain at logic low. |
| IPWDN | Power-down Enable (active high, level sensitive). A low level indicates normal operation. A high level puts the macro into power-down state. |
| IPCP[2:0] | Charge-pump Current Adjustment. |
| IPDC[1:0] | Output Clock Duty-Cycle Adjustment. It adjusts the duty-cycle of OCLK. |
| IPVG[2:0] | VCO Gain Adjustment. |
| ISLREQ[1:0] | Slip Phase Request (edge triggered). A request of slip phase will be sent to the PSC for each inversion in the state of ISLREQ. Each request will cause one cycle of OSLCLK to be elongated by one-fifth of its normal clock period. Requests are not queued, and no new requests should be made before the PSC acknowledges through the signal OSLACK that the previous request has been fulfilled. |
| ITCPOFF | Charge-pump Output Hi-Z Test Mode Enable (active high, level sensitive). A low level indicates normal operation. A high level forces the charge-pump output to be high impedance, letting the VCO free running. |
| ITMONEN | Access Points Enable. A high level turns on the transmission gates that lead to various internal critical nodes. A low level turns the gates off. |
| ITVCOMAX | Maximum VCO Frequency Test Mode Enable (active high, level sensitive). A low level indicates normal operation. A high level at both this signal and ITCPOFF simultaneously shall force the VCO to run at maximum possible frequency (a.k.a. runaway). |
| OCLK | Output Clock. A frequency-multiplied clock generated by the VCO. Its duty-cycle can be adjusted through IPDC[1:0] and is independent of REFCLK's and FBCLK's duty-cycle. |
| OCLKBY2 | Output Clock Divided by 2. An alternative clock for digital circuits that are not able to run at the frequency of OCLK. It has an almost identical output drive characteristic as OCLK, and has less than 100ps skew to OCLK when they are presented the same output load. Due to the way it is generated its duty-cycle will almost be 50%. |
| OSLCLK[1:0] | Phase Slippable Output Clock. A clock that has identical period as OCLK when no slip phase request present. For each request, the PSC will select a different phase from the VCO, causing one and only one cycle of OSLCLK to be elongated by one-fifth of its normal clock period. The slipping nature of this clock makes it not suitable for driving the feedback circuitry of the clock synthesizer system. |
| OSLACK[1:0] | Slip Phase Acknowledge (edge logic). An acknowledgement signal, in the form of inverting the current state of OSLACK, will be sent out by the PSC after a slip phase request is fulfilled. It also indicates the PSC is ready to accept the next request. |
| OTMONVC | Access Point to VC Node (analog). Once enabled by IMONEN, it gives access to the VC node. It is high impedance when disabled. |
| OTMONVI | Access Point to VI Node (analog). Once enabled by IMONEN, it gives access to the VI node. It is high impedance when disabled. |
| VDDCK | Analog Power. It should be a well-regulated power for the analog portion of the macro. |
| VSSCK | Analog Ground. It should be a well-regulated, low-impedance ground return path for the analog portion of the macro. |

• Table 1: Port Definition

The logic diagram of Jitter Rejecter (JR) is shown in the following figure. It is a simple, yet effective, circuit used to filter out the timing jitter of an incoming clock signal caused by supply bounce or ground bounce. The timing jitter would have been misinterpreted by the PFD as phase/frequency difference that triggers the PLL to "correct" for a non-existent skew, causing the VCO to have excessive long-term jitter. The idea is to use a "jitter-free" clock signal C to gate the "noisy" clock signal B (of course, the frequency of C must be an integral multiple of B). The A-to-Y path is provided a mean to by-pass the JR.




• Figure 3: Logic Diagram of Jitter Rejecter

## Function Table

The following table summarizes the required settings to place the macro in the 5 different operating modes. While X's in the table mark don't-care situations, they do not mean the signals should toggle or be held at any other voltage levels except logic high and logic low.

| Port Name | Normal | Power-Down | Debug | Hi-Z CP Test | Max. VCO Test |
|---|---|---|---|---|---|
| IREFCLK0 or 1 | clock | X | clock | X | X |
| IREFGATE | REFGATE | X | REFGATE | X | X |
| IREFSEL | REFSEL | X | REFSEL | X | X |
| IFBCLK0 or 1 | clock | X | clock | X | X |
| IFBSEL | FBSEL | X | FBSEL | X | X |
| IRESET | 0 | X | 0 | 0 | 0 |
| IPWDN | 0 | 1 | 0 | 0 | 0 |
| IPCP[2:0] | PCP | X | PCP | PCP | PCP |
| IPDC[1:0] | PDC | X | PDC | PDC | PDC |
| IPVG[2:0] | PVG | X | PVG | PVG | PVG |
| ITCPOFF | 0 | 0 | 0 | 1 | 1 |
| ITMONEN | 0 | 0 | 1 | 0 | 0 |
| ITVCOMAX | 0 | 0 | 0 | 0 | 1 |
| OCLK | clock | 0 | clock | clock | clock |
| OCLKBY2 | clock | 0 | clock | clock | clock |
| OTMONVC | Z | Z | v(VC) | Z | Z |

| Port Name | Normal | Power-Down | Debug | Hi-Z CP Test | Max. VCO Test |
|---|---|---|---|---|---|
| OTMONVI | Z | Z | v(VI) | Z | Z |

• Table 2: Function Table

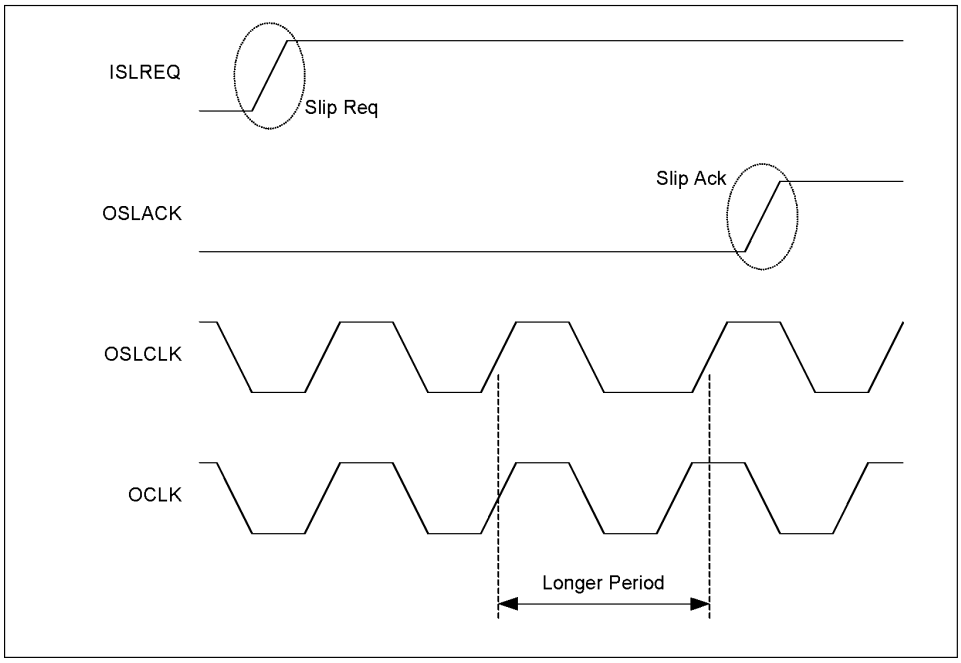
## Normal Operation

During normal operation, the macro should behave like a clock generator. The jitter characteristics of its output clocks at OCLK and OCLKBY2 should fall within the requirements specified by this document.

The output clock at OSLCLK bears the unique feature of phase slipping, which is the lengthening of clock period for just one cycle, on demand. Upon request, the PSC would select another phase of the VCO output that is later in time than the current phase (hence the name phase slipping). Through proper timing control, one and only one subsequent cycle of the output clock OSLCLK would appear to have a period that is 20% longer than normal. The PSC shall then send back an acknowledgement signal, indicating the phase slipping request is fulfilled and it is ready to accept the next request.

The ISLREQ and OSLACK interface shall be implemented as event logic, i.e. edge triggered. Inverting the current state of ISLREQ represents a request signal, and so does the acknowledgement signal OSLACK sent by the PSC. Requests and acknowledgements are not queued or pipelined. No new slip phase request should be made before the previous one is acknowledged by the PSC.

The following diagram depicts a complete request-acknowledge transaction, with a comparison of the phase-slippable OSLCLK to the normal OCLK. The timing of the diagram, however, is for illustration only and is not cycle accurate. The latency between a request is being made and the PSC acknowledges the slip has been done is implementation specific and shall be documented in the design specification.




• Figure 4: A Slip Phase Request-Acknowledge Transaction (Not timing accurate)

## Power-down Mode

The macro shall be placed in a zero-power suspend state when IPWDN is held at logic high while switching activities at all other input ports are stopped. Once in Power-down Mode, the macro should consume neither dynamic nor standing power except the inevitable tiny leakage current that are common to all CMOS design. The output ports OCLK and OCLKBY2 shall be stopped and forced to remain at logic low immediately.

To bring the macro back to normal operation, the IPWDN signal shall first be de-asserted, followed by resetting the macro properly as prescribed below.

If glitches on the output clocks are not acceptable, one may elect to assert IRESET before IPWDN during the power-down sequence. To turn on the macro and have it reset, reverse the order by de-asserting IPWDN before IRESET. By “bracketing” IPWDN signal with IRESET signal the macro should produce no glitch at its output ports.

## Debug Mode: Probing Internal Nodes

For debugging purposes certain critical nodes (in this case they are all analog in nature) inside the macro can be accessed or monitored directly. To prevent interference from getting into these sensitive nodes during normal operation, transmission gates controlled by the signal ITMONEN is used to isolate them from the outside world.

By holding ITMONEN at logic high, the transmission gates shall be turned on, giving access to the specified internal nodes. Otherwise, the gates shall be turned off, leaving the accessing ports at high impedance.

### Test Mode: Charge-pump Output High Impedance

In this test mode, the charge-pump of the macro will be shut off, letting the VCO free running. The purpose of this test mode is to provide a mean to quantify the loop filter leakage, which is one of the most critical process parameters affecting the performance of the macro.

To put the macro in this test mode, the ITCPOFF signal at will be held at logic high. The charge-pump should then be shut off, leaving the loop filter, which is also the input control to the VCO, at high impedance. The net amount, as well as the direction, of the leakage current can then be monitored indirectly through the VCO output frequency. The macro shall stay in this test mode indefinitely until the signal ITCPOFF is de-asserted. Proper reset sequence should then be followed to put the macro back to normal operation.

### Test Mode: Maximum VCO Frequency

The maximum oscillation frequency of the VCO shall be able to be characterized. The test is good for characterizing the macro and correlating the real silicon with SPICE simulations. It can also be an overall performance indicator of a process.

To put the macro in this test mode, both ITCPOFF and ITVCOMAX will be held at logic high. The charge-pump should then be shut off, allowing the VCO to be forced to run at its maximum frequency within a specified period. The macro shall stay in this test mode indefinitely until the signals ITCPOFF and ITVCOMAX are de-asserted. Proper reset sequence should then be followed to put the macro back to normal operation.

### Reset Procedure

Resetting the PLL shall put its logic portion into a known state, and force the VCO to run at its slowest possible speed by discharging the loop filter completely. The output clocks are also gated to remain at logic low throughout the reset period. The reset signal is level sensitive, and has to be asserted for at least the minimal amount of time specified.

Once the reset signal is de-asserted, the VCO frequency will start ramping up slowly until the PLL acquired lock. The actual time required for the PLL to lock varies with different operating conditions and target frequency, but it shall never exceed the maximum lock time specified. Note that the output clock frequency may overshoot up to a maximum allowable amount before reaching steady state at the target frequency.

The PLL should be reset if one or more of the following applies:

- Upon power up;
- Has been waken up from Power-down Mode or any one of the test modes; or
- Reference and/or feedback frequencies have been changed for whatever reason.

For any change in the value of the adjustment inputs that would stimulate the feedback system, reset is not necessary but time has to be given for the PLL to re-lock. Input ports including IPCP and IPVG all fall under this category.

# Electrical and Physical Requirements

This section defines the DC operating requirements, electrical and timing requirements, as well as physical requirements of the macro.

## DC Operating Requirements

In order to ensure the macro has enough design margin to function properly over a wide range of operating conditions, it should be designed to meet the electrical and timing requirements under all specified corner conditions:

| Symbol | Parameter | Corner 1: Noml. | Corner 2: Fast | Corner 3: Slow | Corner 4: FNSP | Corner 5: SNFP | Corner 6: Noml. HT |
|---|---|---|---|---|---|---|---|
| | Process | noml | fast | slow | fnsp | snfp | noml |
| TEMPJ | Junction Temp. | 25°C | 0°C | 125°C | 25°C | 25°C | 125°C |
| VDD | Supply Voltage | 1.80V | 1.98V | 1.62V | 1.80V | 1.80V | 1.80V |

• Table 3: DC Operating Requirements

The only exception to meeting the above operating requirements is when “binning” of devices (sorting devices by performance) is achievable and acceptable. In that case, the “design-to-corners” approach would likely be replaced by Monte Carlo analysis to give a more accurate prediction on yield. Nevertheless, the new operating requirements, which are usually expressed in statistical terms such as mean or variation, should still be clearly stated in the design specification.

## Electrical and Timing Requirements

The Electrical Requirements table provides the limits for each critical design parameter, over all DC operating conditions detailed in the previous section unless otherwise specified. The “Min”, “Typ” and “Max” columns of the table are the limits of parameters only and they are not related in any way to the operating condition.

| Symbol | Parameter | Min | Typ | Max | Unit | Notes |
|---|---|---|---|---|---|---|
| TIP | REFCLK Period | 0.074 | | 1 | us | 1 |
| FIP | REFCLK Frequency | 1.0 | | 13.5 | MHz | 2 |
| TIH | REFCLK High Time | 2.0 | | | ns | |
| TIL | REFCLK Low Time | 2.0 | | | ns | |
| TOP | OCLK Period | 2.9 | | 8.3 | ns | 1 |
| FOP | OCLK Frequency | 120 | | 400 | MHz | 3 |
| TODC | OCLK Duty Cycle | 45 | 50 | 55 | % | 1, 4 |
| FOOS | OCLK Frequency Overshoot | | | 1.5 | % | 5 |
| TJCC | Cycle-to-Cycle Jitter | | | 50 | ps | 1, 6 |
| TJPP | Peak-to-Peak Jitter | | | 200 | ps | 1, 6 |
| TJLT | Long Term Jitter (1us after scope trigger) | | | 1.0 | ns | 1, 6 |
| FBW3 | Closed Loop Jitter Bandwidth at –3dB | | | 50 | kHz | 7 |
| FBW20 | Closed Loop Jitter Bandwidth at –20dB | | | 500 | kHz | 7 |

| Symbol | Parameter | Min | Typ | Max | Unit | Notes |
|---|---|---|---|---|---|---|
| CMAX | Maximum Load | | | 500 | fF | 8 |
| TERR | Static Phase Error | -100 | | +100 | ps | 1, 9 |
| TOSK | OCLKBY2 to OCLK Skew | -100 | | +100 | ps | 1, 10 |
| TRST | Reset Time | 10 | | | us | 1, 11 |
| TLOCK | PLL Lock Time | | | 750 | us | 1, 12 |
| TTVM | Acquisition Time for Maximum VCO Frequency | | | 10 | us | 1, 13 |
| IDDCK | Average Supply Current at VDDCK | | 5.0 | | mA | 14 |
| IPDCK | Power Down Current at VDDCK | | 1.0 | | uA | 15 |

Notes:

1 Time intervals measured at 50% VDDCK threshold point.

2 FIP is the reciprocal of TIP.

3 FOP is the reciprocal of TOP.

4 TODC limits should be met over the entire range of FOP.

5 FOOS is valid during lock acquisition only, and is expressed as a fraction of the target steady state OCLK frequency.

6 All jitter measurements are performed at OCLK. A ±50mV sinusoidal ripple is superimposed on VDDCK, with ripple frequency ranging from minimum FIP to maximum FOP.

7 Jitter transfer function should be guaranteed by design.

8 CMAX is the maximum capacitive load seen by any output ports that shall give an output transition time (10-90% VDDCK) of less than 800ps.

9 TERR only applies after phase-locked.

10 Measured at Load = CMAX.

11 Minimum time to keep IRESET remain asserted.

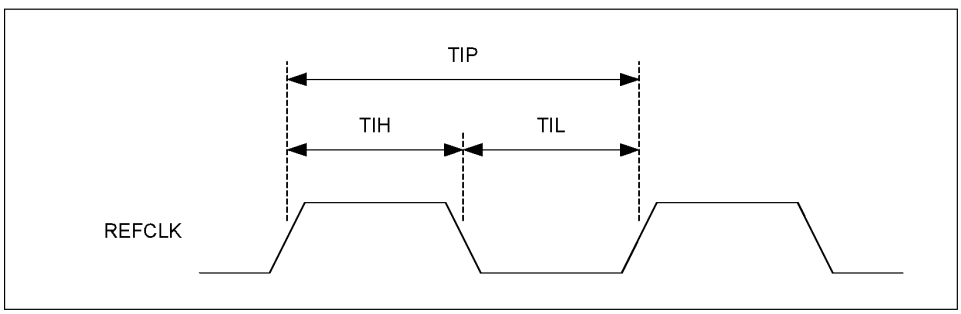
12 Measured from IRESET is de-asserted.

13 Measured from ITCPOFF and ITVCOMAX are asserted.

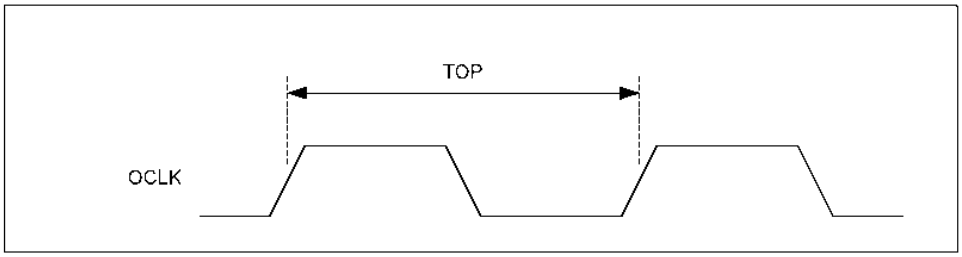
14 Measured under Corner 1 conditions, at minimum FIP and maximum FOP. Current measurement averaged over 500ns period.

15 Measured under Corner 1 conditions, based on typical leakage values.

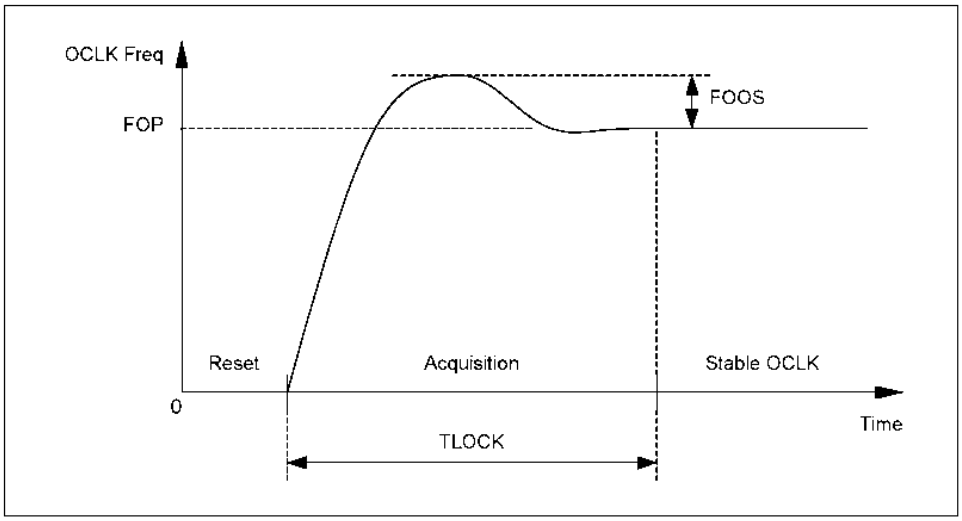
• Table 4: Electrical and Timing Requirements



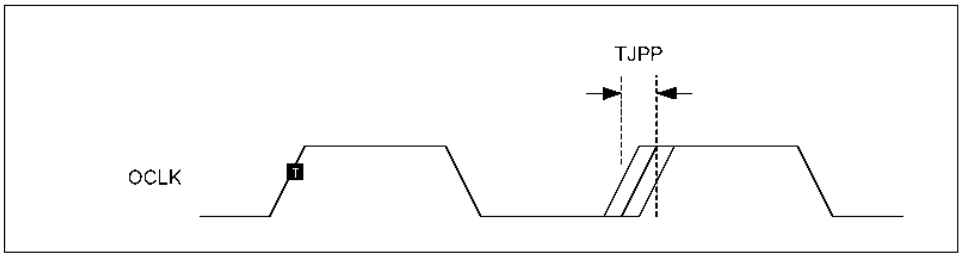

• Figure 5: REFCLK Period, High Time and Low Time



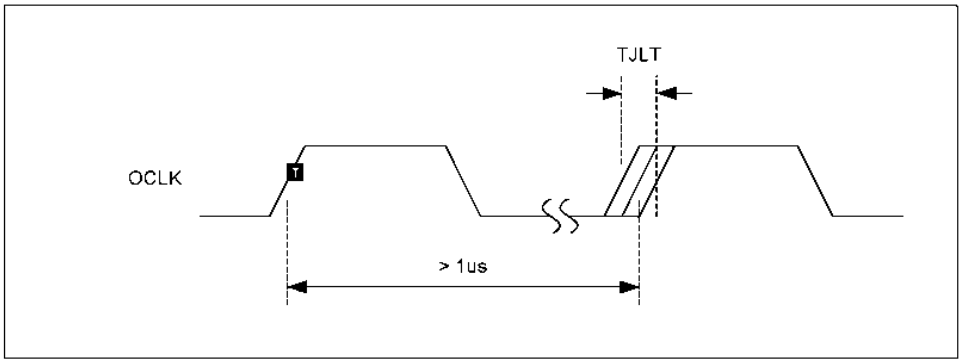

• Figure 6: OCLK Period



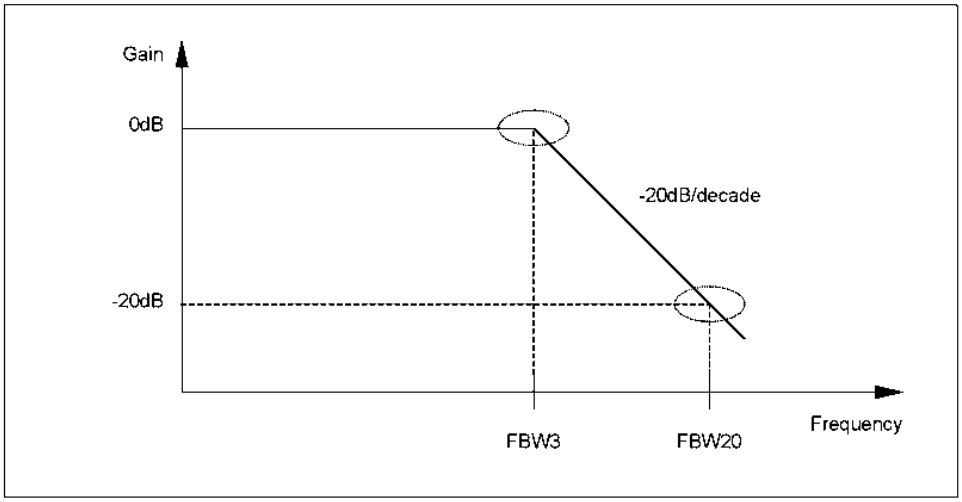

• Figure 7: OCLK Frequency Overshoot (Not to scale)



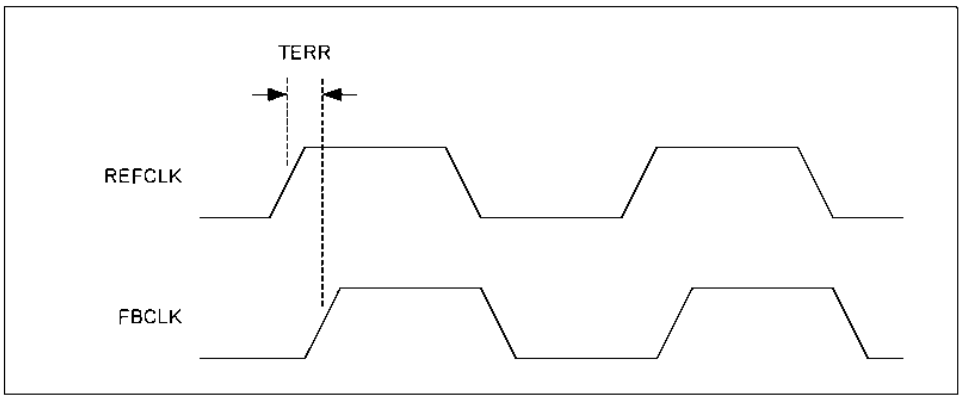

• Figure 8: Peak-to-Peak Jitter (First rising edge after oscilloscope trigger)



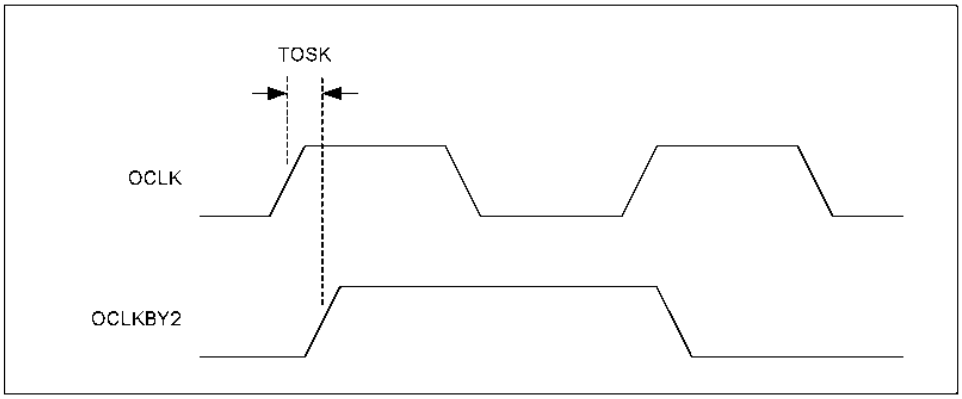

• Figure 9: Long Term Jitter (at least 1us after oscilloscope trigger)



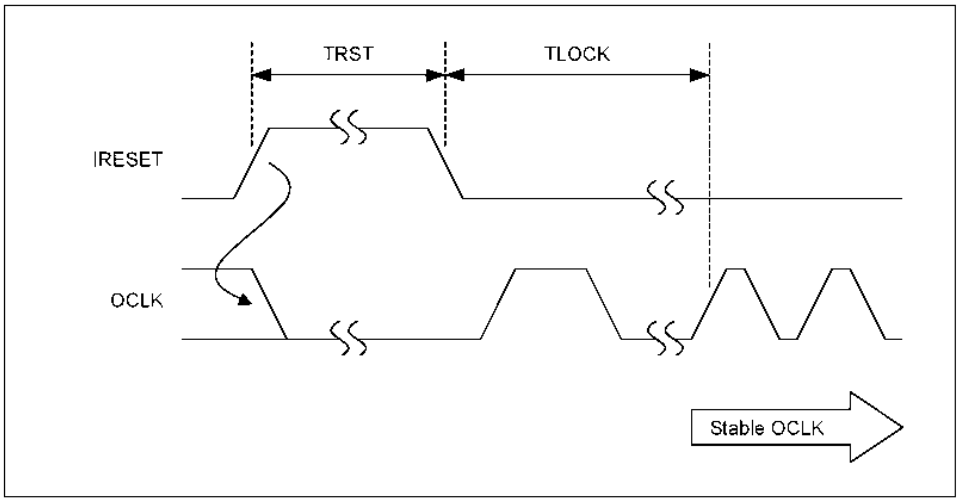

• Figure 10: Closed Loop Jitter Bandwidth




• Figure 11: Static Phase Error (positive TERR shown)




• Figure 12: OCLK to OCLKBY2 Skew (positive TOSK shown)




• Figure 13: Reset Time and PLL Lock Time

## Physical Requirements

The macro shall meet the following layout requirements:

| | |
|---|---|
| Feature Size | 0.18um |
| Metal Layers Blockages | Complete block out on all metal layers |
| Silicon Area | 0.28mm$^2$ |

• Table 5: Physical Requirements

# Qualification Plan

## Loop Gain Setting

## Clock Cycle-to-cycle Jitter

## Clock Peak-to-peak Jitter

## Clock Long Term Jitter

## Skew Control Propagation Delay

## Average Supply Current

## Power-down Current

## Supply and Ground Noise

## Production Test Plan

### Frequency Test

## Circuit Design Guideline

# RTL Design and Behavioral Modeling Guideline

## I/O Pad and BGA Ball Assignment

The following table lists the required I/O pad and pin assignment for the macro. As indicated by the variable X on the "Pad #" column, the whole macro can be shifted around the I/O ring, as long as the signal ordering is preserved. Mirroring of the macro is also acceptable. The BGA ball assignment for this macro in Rage128P is also included as an example.

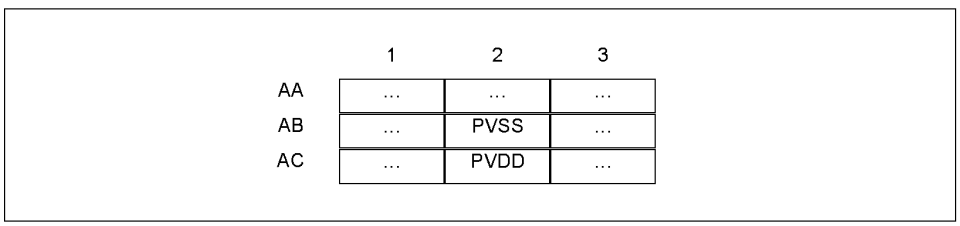
| Pad # | Pad Name | Macro Signal | Rage128P BGA Ball |
|---|---|---|---|
| X | PVSS | VSSCK | AB2 |
| X+1* | PVSS | VSSCK | AB2 |
| X+2 | PVDD | VDDCK | AC2 |
| X+3* | PVDD | VDDCK | AC2 |

Note:

* These pads are optional when shared by two or less PLLs (any type).

• Table 6: I/O Pad and BGA Ball Assignment

The macro requires a total of four I/O pads and two balls. The BGA balls that assigned to the macro are located besides together. This shall give them easy access to the voltage regulator. The following diagram visually shows how the balls are assigned in Rage128P.




• Figure 14: BGA Ball Assignment in Rage128P (Top View)

Note that some assumptions have been made when the arrangement was constructed. The pad or ball assignment shall change if any one of the following items is violated:

- Pad pitch is exactly 50um, and pad height is no more than 600um.
- Double bonding is technically achievable.

# Place and Route Guideline

## Macro Footprint

## Power and Ground Routing

The power supply and ground of the macro should be routed to the dedicated I/O pads using all layers of metal as allowed by the process.

## Package Design Guideline

## PCB Design Guideline

## BIOS/Software Programming Guideline

```
+-------------------------------------------------------------------------------------------
-----------------------------------+
+ R400 EMU TEST REGRESS HISTORY Sat Jan 25 03:36:24 2003
+-------------------------------------------------------------------------------------------
-----------------------------------+
+ No  Test Name                                          Emu Time Sync  Status
LastPass FailReason          MostRecentPath +
+-------------------------------------------------------------------------------------------
-----------------------------------+
    1 r400sc_rts_01                                     00:00:27 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_rts_01

    2 r400sc_rts_02                                     00:00:24 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_rts_02

    3 r400sc_rts_09                                     00:00:25 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_rts_09

    4 r400sc_rts_fc_09                                  00:00:13 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_rts_fc_09

    5 r400sc_pinwheel_03                                00:01:41 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_pinwheel_03

    6 r400sc_pkr_row_wrap_disable_rts_01                00:00:29 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_pkr_row_wrap_disable_rts_01

    7 r400sc_vtx_and_pix_pipe_disable_combos_05         00:04:45 mkelly FAIL
 compare mismatch **
    8 r400sc_vtx_pipe_disable_0101_01                   00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_vtx_pipe_disable_0101_01

    9 r400sc_vtx_pipe_disable_0100_01                   00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_vtx_pipe_disable_0100_01

   10 r400sc_vtx_and_pix_pipe_disable_rnd_combos_01     00:00:48 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_vtx_and_pix_pipe_disable_rnd_com
bos_01
   11 r400sc_vtx_and_pix_pipe_disable_rnd_combos_02     00:00:26 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_vtx_and_pix_pipe_disable_rnd_com
bos_02
   12 r400sc_vtx_pipe_disable_combos_01                 00:00:46 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_vtx_pipe_disable_combos_01

   13 r400sc_vtx_and_pix_pipe_disable_combos_01         00:00:48 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_vtx_and_pix_pipe_disable_combos_
01
```

```
   14 r400sc_pix_pipe_disable_combos_01                  00:00:46 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_pix_pipe_disable_combos_01

   15 r400sc_vtx_pipe_disable_combos_02                  00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_vtx_pipe_disable_combos_02

   16 r400sc_vtx_and_pix_pipe_disable_combos_02          00:00:27 mkelly PASS    mkelly
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02
   17 r400sc_pix_pipe_disable_combos_02                  00:00:26 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_pix_pipe_disable_combos_02

   18 r400sc_vtx_pipe_disable_combos_03                  00:00:31 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_vtx_pipe_disable_combos_03

   19 r400sc_vtx_and_pix_pipe_disable_combos_03          00:00:37 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_vtx_and_pix_pipe_disable_combos_
03
   20 r400sc_vtx_and_pix_pipe_disable_combos_04          00:08:45 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_vtx_and_pix_pipe_disable_combos_
04
   21 r400sc_pix_pipe_disable_combos_03                  00:00:36 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_pix_pipe_disable_combos_03

   22 r400sc_centers_and_centroids_state_switching_01    00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_centers_and_centroids_state_swit
ching_01
   23 r400sc_msaa_8_simple_triangle_01                   00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_msaa_8_simple_triangle_01

   24 r400sc_viz_query_02                                00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_viz_query_02

   25 r400sc_pipe_disable_v0_p0_01                       00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_pipe_disable_v0_p0_01

   26 r400sc_pipe_disable_v01_p01_01                     00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_pipe_disable_v01_p01_01

   27 r400sc_pipe_disable_v2_p2_01                       00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_pipe_disable_v2_p2_01

   28 r400sc_pipe_disable_v02_p02_01                     00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_pipe_disable_v02_p02_01

   29 r400sc_pipe_disable_v12_p12_01                     00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_pipe_disable_v12_p12_01
```

```
   30 r400sc_pipe_disable_v012_p012_01                    00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_pipe_disable_v012_p012_01

   31 r400sc_pipe_disable_v3_p3_01                        00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_pipe_disable_v3_p3_01

   32 r400sc_pipe_disable_v03_p03_01                      00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_pipe_disable_v03_p03_01

   33 r400sc_pipe_disable_v13_p13_01                      00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_pipe_disable_v13_p13_01

   34 r400sc_pipe_disable_v013_p013_01                    00:00:11 mkelly PASS    mkelly
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   35 r400sc_pipe_disable_v23_p23_01                      00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_pipe_disable_v23_p23_01

   36 r400sc_pipe_disable_v023_p023_01                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_pipe_disable_v023_p023_01

   37 r400sc_pipe_disable_v123_p123_01                    00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_pipe_disable_v123_p123_01

   38 r400sc_simple_register_indirect                     00:00:09 mkelly FAIL
 cmp file missing No
   39 r400sc_simple_triangle_01                           00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_simple_triangle_01

   40 r400sc_fifo_sizing_01                               00:00:21 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_fifo_sizing_01

   41 r400sc_clip_vtx_reorder_01                          00:00:33 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_clip_vtx_reorder_01

   42 r400sc_pipes_2_3_disabled_01                        00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_pipes_2_3_disabled_01

   43 r400sc_pkr_row_wrap_disable_01                      00:00:28 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_pkr_row_wrap_disable_01

   44 r400sc_pkr_row_wrap_disable_02                      00:01:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_pkr_row_wrap_disable_02

   45 r400sc_pkr_row_wrap_disable_03                      00:01:26 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_pkr_row_wrap_disable_03

   46 r400sc_pkr_row_wrap_disable_04                      00:01:26 mkelly PASS    mkelly
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\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_pkr_row_wrap_disable_04

47 r400sc_pkr_row_wrap_disable_05 00:01:56 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_pkr_row_wrap_disable_05

48 r400sc_quad_order_enable_01 00:00:16 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_quad_order_enable_01

49 r400sc_one_quad_per_clock_enable_01 00:00:17 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_one_quad_per_clock_enable_01

50 r400sc_pix_pipes_2_3_disabled_01 00:00:13 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_pix_pipes_2_3_disabled_01

51 r400sc_persp_corr_disable_01 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_persp_corr_disable_01

52 r400sc_max_line_width_01 00:00:51 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_max_line_width_01

53 r400sc_max_line_width_02 00:00:52 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_max_line_width_02

54 r400sc_hw_coords_01 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_hw_coords_01

55 r400sc_hw_coords_02 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_hw_coords_02

56 r400sc_hw_coords_03 00:00:11 mkelly PASS mkelly
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57 r400sc_hw_coords_04 00:00:14 mkelly PASS mkelly
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58 r400sc_hw_coords_05 00:00:31 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_hw_coords_05

59 r400sc_baryc_01 00:00:24 mkelly PASS mkelly
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60 r400sc_baryc_02 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_baryc_02

61 r400sc_bres_cntl_01 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_bres_cntl_01

62 r400sc_bres_cntl_02 00:00:21 mkelly PASS mkelly

\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_bres_cntl_02

63 r400sc_bres_cntl_03 00:00:21 mkelly PASS mkelly
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64 r400sc_bres_cntl_04 00:00:22 mkelly PASS mkelly
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65 r400sc_bres_cntl_w2k_01 00:00:12 mkelly PASS mkelly
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66 r400sc_bres_cntl_w9x_01 00:00:11 mkelly PASS mkelly
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67 r400sc_clip_rect_01 00:00:15 mkelly PASS mkelly
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68 r400sc_clip_rect_02 00:00:16 mkelly PASS mkelly
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69 r400sc_clip_rect_03 00:00:15 mkelly PASS mkelly
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70 r400sc_clip_rect_04 00:00:16 mkelly PASS mkelly
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71 r400sc_clip_rect_fc_01 00:00:10 mkelly PASS mkelly
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72 r400sc_clipped_triangle_polymode_line_stippled_01 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_clipped_triangle_polymode_line_s
tippled_01
73 r400sc_diamond_exit_01 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_diamond_exit_01

74 r400sc_diamond_exit_02 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_diamond_exit_02

75 r400sc_diamond_exit_03 00:00:10 mkelly PASS mkelly
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76 r400sc_diamond_exit_04 00:00:10 mkelly PASS mkelly
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77 r400sc_diamond_exit_05 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_diamond_exit_05

78 r400sc_jss_1x1_primtypes_01 00:00:14 mkelly PASS mkelly

\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_jss_1x1_primtypes_01

79 r400sc_jss_1x2_01 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_jss_1x2_01

80 r400sc_jss_1x2_02 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_jss_1x2_02

81 r400sc_jss_1x2_primtypes_01 00:00:14 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_jss_1x2_primtypes_01

82 r400sc_jss_1x3_01 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_jss_1x3_01

83 r400sc_jss_1x3_02 00:00:12 mkelly PASS mkelly
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84 r400sc_jss_1x3_primtypes_01 00:00:15 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_jss_1x3_primtypes_01

85 r400sc_jss_1x4_01 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_jss_1x4_01

86 r400sc_jss_1x4_02 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_jss_1x4_02

87 r400sc_jss_1x4_primtypes_01 00:00:15 mkelly PASS mkelly
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88 r400sc_jss_2x1_01 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_jss_2x1_01

89 r400sc_jss_2x1_02 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_jss_2x1_02

90 r400sc_jss_2x1_primtypes_01 00:00:14 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_jss_2x1_primtypes_01

91 r400sc_jss_2x2_01 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_jss_2x2_01

92 r400sc_jss_2x2_02 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_jss_2x2_02

93 r400sc_jss_2x2_primtypes_01 00:00:14 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_jss_2x2_primtypes_01

94 r400sc_jss_2x3_01 00:00:11 mkelly PASS mkelly

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\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_jss_2x3_01

   95 r400sc_jss_2x3_02                                00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_jss_2x3_02

   96 r400sc_jss_2x3_primtypes_01                      00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_jss_2x3_primtypes_01

   97 r400sc_jss_2x4_01                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_jss_2x4_01

   98 r400sc_jss_2x4_02                                00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_jss_2x4_02

   99 r400sc_jss_2x4_primtypes_01                      00:00:15 mkelly PASS    mkelly
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  100 r400sc_jss_3x1_01                                00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_jss_3x1_01

  101 r400sc_jss_3x1_02                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_jss_3x1_02

  102 r400sc_jss_3x1_primtypes_01                      00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_jss_3x1_primtypes_01

  103 r400sc_jss_3x2_01                                00:00:11 mkelly PASS    mkelly
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  104 r400sc_jss_3x2_02                                00:00:14 mkelly PASS    mkelly
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  105 r400sc_jss_3x2_primtypes_01                      00:00:14 mkelly PASS    mkelly
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  106 r400sc_jss_3x3_01                                00:00:11 mkelly PASS    mkelly
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  107 r400sc_jss_3x3_02                                00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_jss_3x3_02

  108 r400sc_jss_3x3_primtypes_01                      00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_jss_3x3_primtypes_01

  109 r400sc_jss_3x4_01                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_jss_3x4_01

  110 r400sc_jss_3x4_02                                00:00:10 mkelly PASS    mkelly
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\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_jss_3x4_02

111 r400sc_jss_3x4_03 00:00:17 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_jss_3x4_03

112 r400sc_jss_3x4_primtypes_01 00:00:14 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_jss_3x4_primtypes_01

113 r400sc_jss_4x1_01 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_jss_4x1_01

114 r400sc_jss_4x1_02 00:00:12 mkelly PASS mkelly
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115 r400sc_jss_4x1_primtypes_01 00:00:14 mkelly PASS mkelly
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116 r400sc_jss_4x2_01 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_jss_4x2_01

117 r400sc_jss_4x2_02 00:00:14 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_jss_4x2_02

118 r400sc_jss_4x2_primtypes_01 00:00:15 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_jss_4x2_primtypes_01

119 r400sc_jss_4x3_01 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_jss_4x3_01

120 r400sc_jss_4x3_02 00:00:16 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_jss_4x3_02

121 r400sc_jss_4x3_primtypes_01 00:00:14 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_jss_4x3_primtypes_01

122 r400sc_jss_4x4_01 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_jss_4x4_01

123 r400sc_jss_4x4_02 00:00:18 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_jss_4x4_02

124 r400sc_jss_4x4_03 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_jss_4x4_03

125 r400sc_jss_4x4_aa_mask_01 00:00:18 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_jss_4x4_aa_mask_01

126 r400sc_jss_4x4_aa_mask_02 00:01:09 mkelly PASS mkelly

\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_jss_4x4_aa_mask_02

  127 r400sc_jss_4x4_fc_01                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_jss_4x4_fc_01

  128 r400sc_jss_4x4_fc_02                              00:00:14 mkelly PASS    mkelly
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  129 r400sc_jss_4x4_max_dist_01                        00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_jss_4x4_max_dist_01

  130 r400sc_jss_4x4_primtypes_01                       00:00:14 mkelly PASS    mkelly
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  131 r400sc_line_dx10_eq_0_01                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_line_dx10_eq_0_01

  132 r400sc_line_dx10_ge_0_01                          00:00:10 mkelly PASS    mkelly
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  133 r400sc_line_dx10_lt_0_01                          00:00:10 mkelly PASS    mkelly
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  134 r400sc_line_dy10_eq_0_01                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_line_dy10_eq_0_01

  135 r400sc_line_dy10_ge_0_01                          00:00:10 mkelly PASS    mkelly
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  136 r400sc_line_dy10_lt_0_01                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_line_dy10_lt_0_01

  137 r400sc_line_expand_width_msaa_8_01                00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_line_expand_width_msaa_8_01

  138 r400sc_line_expand_width_msaa_8_02                00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_line_expand_width_msaa_8_02

  139 r400sc_line_expand_width_msaa_8_03                00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_line_expand_width_msaa_8_03

  140 r400sc_line_jss_3x4_01                            00:00:11 mkelly PASS    mkelly
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  141 r400sc_line_list_01                               00:00:10 mkelly PASS    mkelly
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  142 r400sc_line_list_02                               00:00:10 mkelly PASS    mkelly

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143 r400sc_line_list_03 00:00:55 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_line_list_03

144 r400sc_line_list_04 00:01:00 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_line_list_04

145 r400sc_line_list_05 00:00:13 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_line_list_05

146 r400sc_line_list_06 00:00:15 mkelly PASS mkelly
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147 r400sc_line_list_07 00:00:14 mkelly PASS mkelly
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148 r400sc_line_list_08 00:00:13 mkelly PASS mkelly
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149 r400sc_line_list_09 00:00:12 mkelly PASS mkelly
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150 r400sc_line_list_10 00:00:12 mkelly PASS mkelly
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151 r400sc_line_list_11 00:00:12 mkelly PASS mkelly
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152 r400sc_line_list_12 00:00:12 mkelly PASS mkelly
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153 r400sc_line_list_13 00:00:11 mkelly PASS mkelly
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154 r400sc_line_list_14 00:00:11 mkelly PASS mkelly
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155 r400sc_line_list_15 00:00:12 mkelly PASS mkelly
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156 r400sc_line_list_16 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_line_list_16

157 r400sc_line_list_17 00:00:11 mkelly PASS mkelly
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158 r400sc_line_list_18 00:00:11 mkelly PASS mkelly

\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_line_list_18

159 r400sc_line_list_concentric_circle_01 00:00:14 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_line_list_concentric_circle_01

160 r400sc_line_list_concentric_circle_02 00:00:15 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_line_list_concentric_circle_02

161 r400sc_line_list_concentric_circle_03 00:00:15 mkelly PASS mkelly
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162 r400sc_line_list_textured_01 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_line_list_textured_01

163 r400sc_line_list_verify_st_01 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_line_list_verify_st_01

164 r400sc_line_msaa_8_01 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_line_msaa_8_01

165 r400sc_line_msaa_8_textured_01 00:00:16 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_line_msaa_8_textured_01

166 r400sc_line_msaa_8_textured_fc_01 00:00:13 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_line_msaa_8_textured_fc_01

167 r400sc_line_stipple_01 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_line_stipple_01

168 r400sc_line_stipple_02 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_line_stipple_02

169 r400sc_line_stipple_03 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_line_stipple_03

170 r400sc_line_stipple_04 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_line_stipple_04

171 r400sc_line_stipple_05 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_line_stipple_05

172 r400sc_line_stipple_06 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_line_stipple_06

173 r400sc_line_stipple_07 00:00:17 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_line_stipple_07

174 r400sc_line_stipple_08 00:00:17 mkelly PASS mkelly

\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_line_stipple_08

175 r400sc_line_stipple_09 00:00:16 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_line_stipple_09

176 r400sc_line_stipple_10 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_line_stipple_10

177 r400sc_line_stipple_11 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_line_stipple_11

178 r400sc_line_stipple_12 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_line_stipple_12

179 r400sc_line_stipple_13 00:00:13 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_line_stipple_13

180 r400sc_line_stipple_14 00:00:13 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_line_stipple_14

181 r400sc_line_stipple_15 00:00:19 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_line_stipple_15

182 r400sc_line_stipple_16 00:00:19 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_line_stipple_16

183 r400sc_line_stipple_17 00:00:22 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_line_stipple_17

184 r400sc_line_stipple_18 00:00:14 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_line_stipple_18

185 r400sc_line_stipple_19 00:00:23 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_line_stipple_19

186 r400sc_line_stipple_20 00:00:22 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_line_stipple_20

187 r400sc_line_stipple_21 00:00:22 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_line_stipple_21

188 r400sc_line_stipple_22 00:00:22 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_line_stipple_22

189 r400sc_line_stipple_23 00:00:22 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_line_stipple_23

190 r400sc_line_stipple_fc_08 00:00:11 mkelly PASS mkelly

\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_line_stipple_fc_08

191 r400sc_line_strip_stipple_01 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_line_strip_stipple_01

192 r400sc_msaa_1_01 00:00:15 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_msaa_1_01

193 r400sc_msaa_1_primtypes_01 00:00:14 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_msaa_1_primtypes_01

194 r400sc_msaa_1_rectangle_list_01 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_msaa_1_rectangle_list_01

195 r400sc_msaa_1_rectangle_list_02 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_msaa_1_rectangle_list_02

196 r400sc_msaa_1_rectangle_list_03 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_msaa_1_rectangle_list_03

197 r400sc_msaa_1_rectangle_list_04 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_msaa_1_rectangle_list_04

198 r400sc_msaa_1_rectangle_list_05 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_msaa_1_rectangle_list_05

199 r400sc_msaa_1_rectangle_list_06 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_msaa_1_rectangle_list_06

200 r400sc_msaa_1_rectangle_list_07 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_msaa_1_rectangle_list_07

201 r400sc_msaa_1_rectangle_list_08 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_msaa_1_rectangle_list_08

202 r400sc_msaa_1_zbuffer_rectangle_list_01 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_msaa_1_zbuffer_rectangle_list_01

203 r400sc_msaa_1_zbuffer_rectangle_list_02 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_msaa_1_zbuffer_rectangle_list_02

204 r400sc_msaa_2_primtypes_01 00:00:14 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_msaa_2_primtypes_01

205 r400sc_msaa_2_rectangle_list_01 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_msaa_2_rectangle_list_01

206 r400sc_msaa_2_rectangle_list_02 00:00:11 mkelly PASS mkelly

\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_msaa_2_rectangle_list_02

  207 r400sc_msaa_2_rectangle_list_03                    00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_msaa_2_rectangle_list_03

  208 r400sc_msaa_2_rectangle_list_04                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_msaa_2_rectangle_list_04

  209 r400sc_msaa_2_rectangle_list_05                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_msaa_2_rectangle_list_05

  210 r400sc_msaa_2_rectangle_list_06                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_msaa_2_rectangle_list_06

  211 r400sc_msaa_2_rectangle_list_07                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_msaa_2_rectangle_list_07

  212 r400sc_msaa_2_rectangle_list_08                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_msaa_2_rectangle_list_08

  213 r400sc_msaa_2_zbuffer_rectangle_list_01            00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_msaa_2_zbuffer_rectangle_list_01

  214 r400sc_msaa_2_zbuffer_rectangle_list_02            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_msaa_2_zbuffer_rectangle_list_02

  215 r400sc_msaa_3_primtypes_01                         00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_msaa_3_primtypes_01

  216 r400sc_msaa_3_rectangle_list_01                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_msaa_3_rectangle_list_01

  217 r400sc_msaa_3_rectangle_list_02                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_msaa_3_rectangle_list_02

  218 r400sc_msaa_3_rectangle_list_03                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_msaa_3_rectangle_list_03

  219 r400sc_msaa_3_rectangle_list_04                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_msaa_3_rectangle_list_04

  220 r400sc_msaa_3_rectangle_list_05                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_msaa_3_rectangle_list_05

  221 r400sc_msaa_3_rectangle_list_06                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_msaa_3_rectangle_list_06

  222 r400sc_msaa_3_rectangle_list_07                    00:00:10 mkelly PASS    mkelly

\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_msaa_3_rectangle_list_07

223 r400sc_msaa_3_rectangle_list_08 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_msaa_3_rectangle_list_08

224 r400sc_msaa_3_zbuffer_rectangle_list_01 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_msaa_3_zbuffer_rectangle_list_01

225 r400sc_msaa_3_zbuffer_rectangle_list_02 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_msaa_3_zbuffer_rectangle_list_02

226 r400sc_msaa_4_01 00:00:15 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_msaa_4_01

227 r400sc_msaa_4_primtypes_01 00:00:14 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_msaa_4_primtypes_01

228 r400sc_msaa_4_rectangle_list_01 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_msaa_4_rectangle_list_01

229 r400sc_msaa_4_rectangle_list_02 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_msaa_4_rectangle_list_02

230 r400sc_msaa_4_rectangle_list_03 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_msaa_4_rectangle_list_03

231 r400sc_msaa_4_rectangle_list_04 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_msaa_4_rectangle_list_04

232 r400sc_msaa_4_rectangle_list_05 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_msaa_4_rectangle_list_05

233 r400sc_msaa_4_rectangle_list_06 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_msaa_4_rectangle_list_06

234 r400sc_msaa_4_rectangle_list_07 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_msaa_4_rectangle_list_07

235 r400sc_msaa_4_rectangle_list_08 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_msaa_4_rectangle_list_08

236 r400sc_msaa_4_zbuffer_rectangle_list_01 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_msaa_4_zbuffer_rectangle_list_01

237 r400sc_msaa_4_zbuffer_rectangle_list_02 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_msaa_4_zbuffer_rectangle_list_02

238 r400sc_msaa_6_01 00:00:15 mkelly PASS mkelly

\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_msaa_6_01

239 r400sc_msaa_6_primtypes_01 00:00:14 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_msaa_6_primtypes_01

240 r400sc_msaa_6_rectangle_list_01 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_msaa_6_rectangle_list_01

241 r400sc_msaa_6_rectangle_list_02 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_msaa_6_rectangle_list_02

242 r400sc_msaa_6_rectangle_list_03 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_msaa_6_rectangle_list_03

243 r400sc_msaa_6_rectangle_list_04 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_msaa_6_rectangle_list_04

244 r400sc_msaa_6_rectangle_list_05 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_msaa_6_rectangle_list_05

245 r400sc_msaa_6_rectangle_list_06 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_msaa_6_rectangle_list_06

246 r400sc_msaa_6_rectangle_list_07 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_msaa_6_rectangle_list_07

247 r400sc_msaa_6_rectangle_list_08 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_msaa_6_rectangle_list_08

248 r400sc_msaa_6_zbuffer_rectangle_list_01 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_msaa_6_zbuffer_rectangle_list_01

249 r400sc_msaa_6_zbuffer_rectangle_list_02 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_msaa_6_zbuffer_rectangle_list_02

250 r400sc_msaa_8_01 00:00:14 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_msaa_8_01

251 r400sc_msaa_8_02 00:00:11 mkelly PASS mkelly
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252 r400sc_msaa_8_03 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_msaa_8_03

253 r400sc_msaa_8_04 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_msaa_8_04

254 r400sc_msaa_8_05 00:00:11 mkelly PASS mkelly

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  255 r400sc_msaa_8_aa_mask_01                          00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_msaa_8_aa_mask_01

  256 r400sc_msaa_8_aa_mask_02                          00:00:27 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_msaa_8_aa_mask_02

  257 r400sc_msaa_8_aa_mask_fc_02                       00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_msaa_8_aa_mask_fc_02

  258 r400sc_msaa_8_primtypes_01                        00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_msaa_8_primtypes_01

  259 r400sc_msaa_8_rectangle_list_01                   00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_msaa_8_rectangle_list_01

  260 r400sc_msaa_8_rectangle_list_02                   00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_msaa_8_rectangle_list_02

  261 r400sc_msaa_8_rectangle_list_03                   00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_msaa_8_rectangle_list_03

  262 r400sc_msaa_8_rectangle_list_04                   00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_msaa_8_rectangle_list_04

  263 r400sc_msaa_8_rectangle_list_05                   00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_msaa_8_rectangle_list_05

  264 r400sc_msaa_8_rectangle_list_06                   00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_msaa_8_rectangle_list_06

  265 r400sc_msaa_8_rectangle_list_07                   00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_msaa_8_rectangle_list_07

  266 r400sc_msaa_8_rectangle_list_08                   00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_msaa_8_rectangle_list_08

  267 r400sc_msaa_8_zbuffer_rectangle_list_01           00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_msaa_8_zbuffer_rectangle_list_01

  268 r400sc_msaa_8_zbuffer_rectangle_list_02           00:00:11 mkelly PASS    mkelly
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  269 r400sc_null_triangles_01                          00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_null_triangles_01

  270 r400sc_null_triangles_fc_01                       00:00:11 mkelly PASS    mkelly
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\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_null_triangles_fc_01

271 r400sc_packed_color_01 00:00:13 mkelly PASS mkelly
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272 r400sc_perf_01 00:00:15 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_perf_01

273 r400sc_perf_02 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_perf_02

274 r400sc_perf_03 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_perf_03

275 r400sc_pinwheel_01 00:00:19 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_pinwheel_01

276 r400sc_pinwheel_02 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_pinwheel_02

277 r400sc_point_jss_3x4_01 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_point_jss_3x4_01

278 r400sc_point_list_01 00:00:26 mkelly PASS mkelly
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279 r400sc_point_list_02 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_point_list_02

280 r400sc_point_list_03 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_point_list_03

281 r400sc_point_list_04 00:00:25 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_point_list_04

282 r400sc_point_list_05 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_point_list_05

283 r400sc_point_list_06 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_point_list_06

284 r400sc_point_list_07 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_point_list_07

285 r400sc_point_list_08 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_point_list_08

286 r400sc_point_list_09 00:00:10 mkelly PASS mkelly

```
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_point_list_09

  287 r400sc_point_msaa_8_01                          00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_point_msaa_8_01

  288 r400sc_poly_offset_01                           00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_poly_offset_01

  289 r400sc_poly_offset_02                           00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_poly_offset_02

  290 r400sc_poly_offset_03                           00:00:57 mkelly FAIL
 compare mismatch **
  291 r400sc_poly_offset_04                           00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_poly_offset_04

  292 r400sc_poly_offset_05                           00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_poly_offset_05

  293 r400sc_poly_offset_06                           00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_poly_offset_06

  294 r400sc_poly_offset_07                           00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_poly_offset_07

  295 r400sc_poly_offset_08                           00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_poly_offset_08

  296 r400sc_poly_offset_09                           00:01:00 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_poly_offset_09

  297 r400sc_poly_offset_10                           00:01:01 mkelly FAIL
 gold or cmp file mis
  298 r400sc_poly_offset_fc_01                        00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_poly_offset_fc_01

  299 r400sc_polygon_stipple_01                       00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_polygon_stipple_01

  300 r400sc_polymode_tri_fill_01                     00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_polymode_tri_fill_01

  301 r400sc_prsp_byc_intrp_ref_pix_01                00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_prsp_byc_intrp_ref_pix_01

  302 r400sc_prsp_byc_intrp_ref_pix_02                00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_prsp_byc_intrp_ref_pix_02
```

```
  303 r400sc_prsp_byc_intrp_ref_pix_03                   00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_prsp_byc_intrp_ref_pix_03

  304 r400sc_prsp_byc_intrp_ref_pix_04                   00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_prsp_byc_intrp_ref_pix_04

  305 r400sc_prsp_byc_intrp_ref_pix_05                   00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_prsp_byc_intrp_ref_pix_05

  306 r400sc_prsp_byc_intrp_ref_pix_06                   00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_prsp_byc_intrp_ref_pix_06

  307 r400sc_prsp_byc_intrp_ref_pix_07                   00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_prsp_byc_intrp_ref_pix_07

  308 r400sc_prsp_byc_intrp_ref_pix_08                   00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_prsp_byc_intrp_ref_pix_08

  309 r400sc_raster_fill_rule_01                         00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_raster_fill_rule_01

  310 r400sc_raster_fill_rule_02                         00:00:47 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_raster_fill_rule_02

  311 r400sc_raster_fill_rule_03                         00:00:34 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_raster_fill_rule_03

  312 r400sc_raster_fill_rule_04                         00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_raster_fill_rule_04

  313 r400sc_raster_fill_rule_05                         00:00:22 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_raster_fill_rule_05

  314 r400sc_raster_fill_rule_07                         00:00:26 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_raster_fill_rule_07

  315 r400sc_raster_fill_rule_08                         00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_raster_fill_rule_08

  316 r400sc_raster_fill_rule_09                         00:00:26 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_raster_fill_rule_09

  317 r400sc_raster_fill_rule_10                         00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_raster_fill_rule_10

  318 r400sc_raster_fill_rule_11                         00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_raster_fill_rule_11
```

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  319 r400sc_raster_fill_rule_12                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_raster_fill_rule_12

  320 r400sc_raster_fill_rule_13                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_raster_fill_rule_13

  321 r400sc_raster_fill_rule_14                          00:00:24 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_raster_fill_rule_14

  322 r400sc_raster_fill_rule_15                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_raster_fill_rule_15

  323 r400sc_raster_fill_rule_16                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_raster_fill_rule_16

  324 r400sc_raster_fill_rule_17                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_raster_fill_rule_17

  325 r400sc_raster_fill_rule_18                          00:00:24 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_raster_fill_rule_18

  326 r400sc_raster_fill_rule_19                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_raster_fill_rule_19

  327 r400sc_raster_fill_rule_20                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_raster_fill_rule_20

  328 r400sc_raster_fill_rule_21                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_raster_fill_rule_21

  329 r400sc_raster_fill_rule_22                          00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_raster_fill_rule_22

  330 r400sc_raster_fill_rule_23                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_raster_fill_rule_23

  331 r400sc_raster_fill_rule_24                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_raster_fill_rule_24

  332 r400sc_raster_fill_rule_25                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_raster_fill_rule_25

  333 r400sc_raster_fill_rule_26                          00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_raster_fill_rule_26

  334 r400sc_raster_fill_rule_fc_01                       00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_raster_fill_rule_fc_01
```

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  335 r400sc_rbbm_reg_read                              00:00:05 mkelly FAIL
 cmp file missing No
  336 r400sc_rectangle_list_01                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_rectangle_list_01

  337 r400sc_rectangle_list_02                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_rectangle_list_02

  338 r400sc_rectangle_list_03                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_rectangle_list_03

  339 r400sc_rectangle_list_04                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_rectangle_list_04

  340 r400sc_rectangle_list_05                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_rectangle_list_05

  341 r400sc_rectangle_list_06                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_rectangle_list_06

  342 r400sc_rectangle_list_07                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_rectangle_list_07

  343 r400sc_rectangle_list_08                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_rectangle_list_08

  344 r400sc_scissor_rect_01                            00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_scissor_rect_01

  345 r400sc_scissor_rect_02                            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_scissor_rect_02

  346 r400sc_scissor_rect_03                            00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_scissor_rect_03

  347 r400sc_scissor_rect_04                            00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_scissor_rect_04

  348 r400sc_scissor_rect_05                            00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_scissor_rect_05

  349 r400sc_scissor_rect_fc_01                         00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_scissor_rect_fc_01

  350 r400sc_set_state_01                               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_set_state_01

  351 r400sc_sp_sample_cntl_01                          00:00:12 mkelly PASS    mkelly
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\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_sp_sample_cntl_01

  352 r400sc_sp_sample_cntl_02                          00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_sp_sample_cntl_02

  353 r400sc_sp_sample_cntl_03                          00:00:30 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_sp_sample_cntl_03

  354 r400sc_sp_sample_cntl_04                          00:00:30 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_sp_sample_cntl_04

  355 r400sc_sp_sample_cntl_05                          00:00:26 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_sp_sample_cntl_05

  356 r400sc_sp_sample_cntl_06                          00:00:30 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_sp_sample_cntl_06

  357 r400sc_sp_sample_cntl_07                          00:00:28 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_sp_sample_cntl_07

  358 r400sc_sp_sample_cntl_08                          00:00:27 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_sp_sample_cntl_08

  359 r400sc_sp_sample_cntl_09                          00:00:12 mkelly FAIL
 gold or cmp file mis
  360 r400sc_sp_sample_cntl_10                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_sp_sample_cntl_10

  361 r400sc_sp_sample_cntl_fc_03                       00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_sp_sample_cntl_fc_03

  362 r400sc_sp_sample_cntl_fc_05                       00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_sp_sample_cntl_fc_05

  363 r400sc_tri_16_par_64_dwords_01                    00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_tri_16_par_64_dwords_01

  364 r400sc_tri_8textures_01                           00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_tri_8textures_01

  365 r400sc_tri_8textures_02                           00:00:24 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_tri_8textures_02

  366 r400sc_tri_walk_start_vertex_01                   00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_tri_walk_start_vertex_01

  367 r400sc_tri_walk_start_vertex_02                   00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_tri_walk_start_vertex_02
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  368 r400sc_tri_walk_start_vertex_03                    00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_tri_walk_start_vertex_03

  369 r400sc_tri_walk_start_vertex_04                    00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_tri_walk_start_vertex_04

  370 r400sc_tri_walk_start_vertex_05                    00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_tri_walk_start_vertex_05

  371 r400sc_tri_walk_start_vertex_06                    00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_tri_walk_start_vertex_06

  372 r400sc_tri_walk_start_vertex_07                    00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_tri_walk_start_vertex_07

  373 r400sc_tri_walk_start_vertex_08                    00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_tri_walk_start_vertex_08

  374 r400sc_tri_walk_start_vertex_09                    00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_tri_walk_start_vertex_09

  375 r400sc_tri_walk_start_vertex_10                    00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_tri_walk_start_vertex_10

  376 r400sc_tri_walk_start_vertex_11                    00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_tri_walk_start_vertex_11

  377 r400sc_tri_walk_start_vertex_12                    00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_tri_walk_start_vertex_12

  378 r400sc_tri_walk_start_vertex_13                    00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_tri_walk_start_vertex_13

  379 r400sc_tri_walk_start_vertex_14                    00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_tri_walk_start_vertex_14

  380 r400sc_tri_walk_start_vertex_15                    00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_tri_walk_start_vertex_15

  381 r400sc_tri_walk_start_vertex_16                    00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_tri_walk_start_vertex_16

  382 r400sc_triangle_stipple_01                         00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_triangle_stipple_01

  383 r400sc_window_offset_01                            00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_window_offset_01
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  384 r400sc_window_offset_02                          00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_window_offset_02

  385 r400sc_window_offset_03                          00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_window_offset_03

  386 r400sc_window_offset_04                          00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_window_offset_04

  387 r400sc_window_offset_05                          00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_window_offset_05

  388 r400sc_window_offset_fc_01                       00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_window_offset_fc_01

  389 r400sc_window_scis_01                            00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_window_scis_01

  390 r400sc_zbuffer_line_list_01                      00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_zbuffer_line_list_01

  391 r400sc_zbuffer_point_list_01                     00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_zbuffer_point_list_01

  392 r400sc_zbuffer_rectangle_list_01                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_zbuffer_rectangle_list_01

  393 r400sc_zbuffer_rectangle_list_02                 00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_zbuffer_rectangle_list_02

  394 r400sc_zbuffer_rectangle_list_fc_02              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_zbuffer_rectangle_list_fc_02

  395 r400sc_zbuffer_triangle_list_01                  00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sc_zbuffer_triangle_list_01

  396 r400cl_gband_tcl_01                              00:00:26 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_gband_tcl_01

  397 r400cl_clip_space_dx_ogl_02                      00:00:25 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_clip_space_dx_ogl_02

  398 r400cl_barycentric_clip_perspective_01           00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_barycentric_clip_perspective_01

  399 r400cl_barycentric_clip_perspective_02           00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_barycentric_clip_perspective_02
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  400 r400cl_barycentric_clip_perspective_03             00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_barycentric_clip_perspective_03

  401 r400cl_barycentric_clip_perspective_04             00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_barycentric_clip_perspective_04

  402 r400cl_gband_triclip_01                            00:00:12 mkelly PASS    mkelly
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  403 r400cl_gband_point_01                              00:00:11 mkelly PASS    mkelly
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  404 r400cl_edgeflags_pointFill_01                      00:00:12 mkelly PASS    mkelly
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  405 r400cl_edgeflags_pointFill_02                      00:00:13 mkelly PASS    mkelly
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  406 r400cl_edgeflags_pointFill_03                      00:00:13 mkelly PASS    mkelly
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  407 r400cl_edgeflags_pointFill_04                      00:00:14 mkelly PASS    mkelly
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  408 r400cl_edgeflags_pointFill_05                      00:00:16 mkelly PASS    mkelly
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  409 r400cl_edgeflags_pointFill_vertClip_06             00:00:13 mkelly PASS    mkelly
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  410 r400cl_edgeflags_pointFill_horzClip_06             00:00:14 mkelly PASS    mkelly
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  411 r400cl_edgeflags_pointFill_07                      00:00:30 mkelly PASS    mkelly
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  412 r400cl_ucp_combo_quadstrip_01                      00:00:49 mkelly PASS    mkelly
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  413 r400cl_ucp_combo_polygon_01                        00:00:47 mkelly PASS    mkelly
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  414 r400cl_ucp_cube_02                                 00:00:13 mkelly PASS    mkelly
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  415 r400cl_ucp_cube_01                                 00:00:11 mkelly PASS    mkelly
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  416 r400cl_frustum_point_01                          00:00:11 mkelly PASS    mkelly
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  417 r400cl_vertex_reuse_clip_02                      00:00:57 mkelly PASS    mkelly
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  418 r400cl_vertex_reuse_clip_03                      00:00:19 mkelly PASS    mkelly
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  419 r400cl_point_ucp_clip_mode3_cull_enable_01       00:00:13 mkelly PASS    mkelly
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  424 r400cl_point_ucp_clip_mode0_cull_disable_01      00:00:13 mkelly PASS    mkelly
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e_01
  425 r400cl_point_gband_clip_01                       00:00:11 mkelly PASS    mkelly
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  426 r400cl_point_frustum_clip_01                     00:00:11 mkelly PASS    mkelly
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  427 r400cl_point_size_ucp_combo_01                   00:00:28 mkelly PASS    mkelly
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  428 r400cl_frustum_LR_TB_01                          00:00:13 mkelly PASS    mkelly
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  429 r400cl_edgeflags_05                              00:00:15 mkelly PASS    mkelly
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  430 r400cl_edgeflags_06                              00:00:14 mkelly PASS    mkelly
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  431 r400cl_edgeflags_07                              00:00:29 mkelly PASS    mkelly
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  432 r400cl_cull_only_ena_02                          00:00:15 mkelly PASS    mkelly
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  433 r400cl_cull_only_ena_03                          00:00:15 mkelly PASS    mkelly
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  434 r400cl_barycentric_texture_01                    00:00:15 mkelly PASS    mkelly
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  435 r400cl_clip_10_verts_01                          00:00:11 mkelly PASS    mkelly
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  436 r400cl_clip_disable_01                           00:00:22 mkelly PASS    mkelly
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  437 r400cl_clip_space_dx_ogl_01                      00:00:10 mkelly PASS    mkelly
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  438 r400cl_clip_ucp_6bits_01                         00:00:15 mkelly PASS    mkelly
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  439 r400cl_cull_only_ena_01                          00:00:14 mkelly PASS    mkelly
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  440 r400cl_edgeflags_01                              00:00:12 mkelly PASS    mkelly
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  441 r400cl_edgeflags_02                              00:00:13 mkelly PASS    mkelly
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  442 r400cl_edgeflags_03                              00:00:13 mkelly PASS    mkelly
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  443 r400cl_edgeflags_04                              00:00:13 mkelly PASS    mkelly
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  444 r400cl_edgeflags_frustum_bottom_01               00:00:13 mkelly PASS    mkelly
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  445 r400cl_edgeflags_frustum_far_01                  00:00:13 mkelly PASS    mkelly
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  446 r400cl_edgeflags_frustum_left_01                 00:00:13 mkelly PASS    mkelly
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  447 r400cl_edgeflags_frustum_near_01                 00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_edgeflags_frustum_near_01
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  448 r400cl_edgeflags_frustum_right_01                  00:00:12 mkelly PASS    mkelly
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  449 r400cl_edgeflags_frustum_top_01                    00:00:13 mkelly PASS    mkelly
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  450 r400cl_edgeflags_gband_01                          00:00:20 mkelly PASS    mkelly
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  451 r400cl_edgeflags_gband_bottom_01                   00:00:20 mkelly PASS    mkelly
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  452 r400cl_edgeflags_gband_left_01                     00:00:21 mkelly PASS    mkelly
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  454 r400cl_edgeflags_gband_top_01                      00:00:21 mkelly PASS    mkelly
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  455 r400cl_edgeflags_texture_sample_01                 00:00:14 mkelly PASS    mkelly
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  456 r400cl_frustum_01                                  00:00:20 mkelly PASS    mkelly
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  457 r400cl_frustum_02                                  00:00:25 mkelly PASS    mkelly
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  458 r400cl_frustum_03                                  00:00:25 mkelly PASS    mkelly
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  459 r400cl_frustum_04                                  00:00:28 mkelly PASS    mkelly
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  462 r400cl_frustum_07                                  00:00:25 mkelly PASS    mkelly
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  465 r400cl_frustum_10                                00:00:26 mkelly PASS    mkelly
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  466 r400cl_frustum_11                                00:00:25 mkelly PASS    mkelly
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  467 r400cl_frustum_12                                00:00:29 mkelly PASS    mkelly
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  468 r400cl_frustum_13                                00:00:22 mkelly PASS    mkelly
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  482 r400cl_frustum_27                                00:00:25 mkelly PASS    mkelly
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  485 r400cl_frustum_30                                00:00:25 mkelly PASS    mkelly
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  486 r400cl_frustum_31                                00:00:24 mkelly PASS    mkelly
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  493 r400cl_frustum_38                                00:00:23 mkelly PASS    mkelly
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  504 r400cl_frustum_49                                 00:00:22 mkelly PASS    mkelly
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  505 r400cl_frustum_50                                 00:00:24 mkelly PASS    mkelly
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  506 r400cl_frustum_51                                 00:00:23 mkelly PASS    mkelly
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  507 r400cl_frustum_52                                 00:00:24 mkelly PASS    mkelly
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  508 r400cl_frustum_53                                 00:00:22 mkelly PASS    mkelly
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  511 r400cl_frustum_56                                 00:00:24 mkelly PASS    mkelly
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  514 r400cl_frustum_59                                00:00:23 mkelly PASS    mkelly
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  516 r400cl_frustum_61                                00:00:20 mkelly PASS    mkelly
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  517 r400cl_frustum_62                                00:00:24 mkelly PASS    mkelly
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  518 r400cl_frustum_63                                00:00:23 mkelly PASS    mkelly
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  523 r400cl_frustum_68                                00:00:25 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_frustum_68

  524 r400cl_frustum_69                                00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_frustum_69

  525 r400cl_frustum_70                                00:00:24 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_frustum_70

  526 r400cl_frustum_71                                00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_frustum_71

  527 r400cl_frustum_72                                00:00:25 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_frustum_72
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  528 r400cl_frustum_76                                 00:00:28 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_frustum_76

  529 r400cl_frustum_81                                 00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_frustum_81

  530 r400cl_frustum_86                                 00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_frustum_86

  531 r400cl_frustum_91                                 00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_frustum_91

  532 r400cl_frustum_96                                 00:00:27 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_frustum_96

  533 r400cl_frustum_LFT_combos_01                      00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_frustum_LFT_combos_01

  534 r400cl_frustum_LFT_rotated_01                     00:00:36 mkelly FAIL
 compare mismatch **
  535 r400cl_frustum_all_vols_lines                     00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_frustum_all_vols_lines

  536 r400cl_frustum_all_vols_tris                      00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_frustum_all_vols_tris

  537 r400cl_frustum_lines_01                           00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_frustum_lines_01

  538 r400cl_frustum_lines_02                           00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_frustum_lines_02

  539 r400cl_frustum_lines_03                           00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_frustum_lines_03

  540 r400cl_frustum_lines_04                           00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_frustum_lines_04

  541 r400cl_frustum_lines_05                           00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_frustum_lines_05

  542 r400cl_frustum_lines_06                           00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_frustum_lines_06

  543 r400cl_frustum_lines_07                           00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_frustum_lines_07
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  544 r400cl_frustum_lines_08                          00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_frustum_lines_08

  545 r400cl_frustum_lines_09                          00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_frustum_lines_09

  546 r400cl_frustum_lines_10                          00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_frustum_lines_10

  547 r400cl_frustum_lines_101                         00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_frustum_lines_101

  548 r400cl_frustum_lines_102                         00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_frustum_lines_102

  549 r400cl_frustum_lines_103                         00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_frustum_lines_103

  550 r400cl_frustum_lines_104                         00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_frustum_lines_104

  551 r400cl_frustum_lines_105                         00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_frustum_lines_105

  552 r400cl_frustum_lines_106                         00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_frustum_lines_106

  553 r400cl_frustum_lines_107                         00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_frustum_lines_107

  554 r400cl_frustum_lines_108                         00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_frustum_lines_108

  555 r400cl_frustum_lines_11                          00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_frustum_lines_11

  556 r400cl_frustum_lines_12                          00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_frustum_lines_12

  557 r400cl_frustum_lines_13                          00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_frustum_lines_13

  558 r400cl_frustum_lines_14                          00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_frustum_lines_14

  559 r400cl_frustum_lines_15                          00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_frustum_lines_15
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  560 r400cl_frustum_lines_16                          00:00:18 mkelly PASS    mkelly
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  561 r400cl_frustum_lines_17                          00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_frustum_lines_17

  562 r400cl_frustum_lines_18                          00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_frustum_lines_18

  563 r400cl_frustum_lines_19                          00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_frustum_lines_19

  564 r400cl_frustum_lines_20                          00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_frustum_lines_20

  565 r400cl_frustum_lines_21                          00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_frustum_lines_21

  566 r400cl_frustum_lines_22                          00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_frustum_lines_22

  567 r400cl_frustum_lines_23                          00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_frustum_lines_23

  568 r400cl_frustum_lines_24                          00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_frustum_lines_24

  569 r400cl_frustum_lines_25                          00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_frustum_lines_25

  570 r400cl_frustum_lines_26                          00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_frustum_lines_26

  571 r400cl_frustum_lines_27                          00:00:17 mkelly PASS    mkelly
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  572 r400cl_frustum_lines_28                          00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_frustum_lines_28

  573 r400cl_frustum_lines_29                          00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_frustum_lines_29

  574 r400cl_frustum_lines_30                          00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_frustum_lines_30

  575 r400cl_frustum_lines_31                          00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_frustum_lines_31
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  576 r400cl_frustum_lines_32                          00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_frustum_lines_32

  577 r400cl_frustum_lines_33                          00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_frustum_lines_33

  578 r400cl_frustum_lines_34                          00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_frustum_lines_34

  579 r400cl_frustum_lines_35                          00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_frustum_lines_35

  580 r400cl_frustum_lines_36                          00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_frustum_lines_36

  581 r400cl_frustum_lines_37                          00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_frustum_lines_37

  582 r400cl_frustum_lines_38                          00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_frustum_lines_38

  583 r400cl_frustum_lines_39                          00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_frustum_lines_39

  584 r400cl_frustum_lines_40                          00:00:18 mkelly PASS    mkelly
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  585 r400cl_frustum_lines_41                          00:00:16 mkelly PASS    mkelly
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  586 r400cl_frustum_lines_42                          00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_frustum_lines_42

  587 r400cl_frustum_lines_43                          00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_frustum_lines_43

  588 r400cl_frustum_lines_44                          00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_frustum_lines_44

  589 r400cl_frustum_lines_45                          00:00:15 mkelly PASS    mkelly
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  590 r400cl_frustum_lines_46                          00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_frustum_lines_46

  591 r400cl_frustum_lines_47                          00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_frustum_lines_47
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592 r400cl_frustum_lines_48 00:00:18 mkelly PASS mkelly
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593 r400cl_frustum_lines_49 00:00:16 mkelly PASS mkelly
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594 r400cl_frustum_lines_50 00:00:17 mkelly PASS mkelly
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595 r400cl_frustum_lines_51 00:00:17 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_frustum_lines_51

596 r400cl_frustum_lines_52 00:00:19 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_frustum_lines_52

597 r400cl_frustum_lines_53 00:00:16 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_frustum_lines_53

598 r400cl_frustum_lines_54 00:00:17 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_frustum_lines_54

599 r400cl_frustum_lines_55 00:00:17 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_frustum_lines_55

600 r400cl_frustum_lines_56 00:00:19 mkelly PASS mkelly
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601 r400cl_frustum_lines_57 00:00:15 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_frustum_lines_57

602 r400cl_frustum_lines_58 00:00:16 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_frustum_lines_58

603 r400cl_frustum_lines_59 00:00:16 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_frustum_lines_59

604 r400cl_frustum_lines_60 00:00:18 mkelly PASS mkelly
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605 r400cl_frustum_lines_61 00:00:16 mkelly PASS mkelly
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606 r400cl_frustum_lines_62 00:00:17 mkelly PASS mkelly
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607 r400cl_frustum_lines_63 00:00:17 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_frustum_lines_63

608 r400cl_frustum_lines_64 00:00:18 mkelly PASS mkelly \\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_frustum_lines_64

609 r400cl_frustum_lines_65 00:00:16 mkelly PASS mkelly \\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_frustum_lines_65

610 r400cl_frustum_lines_66 00:00:17 mkelly PASS mkelly \\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_frustum_lines_66

611 r400cl_frustum_lines_67 00:00:18 mkelly PASS mkelly \\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_frustum_lines_67

612 r400cl_frustum_lines_68 00:00:19 mkelly PASS mkelly \\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_frustum_lines_68

613 r400cl_frustum_lines_69 00:00:15 mkelly PASS mkelly \\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_frustum_lines_69

614 r400cl_frustum_lines_70 00:00:17 mkelly PASS mkelly \\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_frustum_lines_70

615 r400cl_frustum_lines_71 00:00:17 mkelly PASS mkelly \\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_frustum_lines_71

616 r400cl_frustum_lines_72 00:00:19 mkelly PASS mkelly \\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_frustum_lines_72

617 r400cl_gband_01 00:00:16 mkelly PASS mkelly \\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_gband_01

618 r400cl_gband_02 00:00:18 mkelly PASS mkelly \\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_gband_02

619 r400cl_gband_03 00:00:18 mkelly PASS mkelly \\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_gband_03

620 r400cl_gband_04 00:00:17 mkelly PASS mkelly \\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_gband_04

621 r400cl_gband_05 00:00:13 mkelly PASS mkelly \\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_gband_05

622 r400cl_gband_06 00:00:11 mkelly PASS mkelly \\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_gband_06

623 r400cl_gband_07 00:00:13 mkelly PASS mkelly \\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_gband_07

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624 r400cl_gband_08                                  00:00:14 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_gband_08

625 r400cl_gband_09                                  00:00:13 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_gband_09

626 r400cl_gband_10                                  00:00:13 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_gband_10

627 r400cl_gband_11                                  00:00:12 mkelly PASS    mkelly
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628 r400cl_gband_12                                  00:00:13 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_gband_12

629 r400cl_gband_13                                  00:00:13 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_gband_13

630 r400cl_gband_14                                  00:00:13 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_gband_14

631 r400cl_gband_15                                  00:00:13 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_gband_15

632 r400cl_gband_16                                  00:00:13 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_gband_16

633 r400cl_gband_17                                  00:00:13 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_gband_17

634 r400cl_gband_18                                  00:00:14 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_gband_18

635 r400cl_gband_19                                  00:00:13 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_gband_19

636 r400cl_gband_20                                  00:00:13 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_gband_20

637 r400cl_gband_21                                  00:00:12 mkelly PASS    mkelly
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638 r400cl_gband_22                                  00:00:12 mkelly PASS    mkelly
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639 r400cl_gband_23                                  00:00:18 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_gband_23
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  640 r400cl_gband_24                                 00:00:17 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_gband_24

  641 r400cl_gband_25                                 00:00:16 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_gband_25

  642 r400cl_gband_26                                 00:00:14 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_gband_26

  643 r400cl_gband_27                                 00:00:16 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_gband_27

  644 r400cl_gband_28                                 00:00:16 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_gband_28

  645 r400cl_gband_29                                 00:00:15 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_gband_29

  646 r400cl_gband_30                                 00:00:13 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_gband_30

  647 r400cl_gband_31                                 00:00:12 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_gband_31

  648 r400cl_gband_32                                 00:00:12 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_gband_32

  649 r400cl_gband_33                                 00:00:14 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_gband_33

  650 r400cl_gband_34                                 00:00:13 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_gband_34

  651 r400cl_gband_35                                 00:00:13 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_gband_35

  652 r400cl_gband_36                                 00:00:12 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_gband_36

  653 r400cl_nan_kill_01                              00:00:10 mkelly PASS    mkelly
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  654 r400cl_point_ucp_combos_01                      00:00:14 mkelly PASS    mkelly
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  655 r400cl_pointlist_vertex_state_ucp_01            00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_pointlist_vertex_state_ucp_01
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  656 r400cl_polymode_line_fill_01                        00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_polymode_line_fill_01

  657 r400cl_simple_triangle_01                           00:00:10 mkelly PASS    mkelly
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  658 r400cl_tri_polymode_line_stipple_ucp_combos_01      00:00:14 mkelly PASS    mkelly
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mbos_01
  659 r400cl_tri_polymode_line_ucp_combos_01              00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_tri_polymode_line_ucp_combos_01

  660 r400cl_triangle_polymode_line_stippled_01           00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_triangle_polymode_line_stippled_
01
  661 r400cl_ucp_combos_01                                00:00:55 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_ucp_combos_01

  662 r400cl_ucp_combos_02                                00:00:54 mkelly PASS    mkelly
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  663 r400cl_ucp_combos_03                                00:00:54 mkelly PASS    mkelly
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  664 r400cl_ucp_combos_04                                00:00:54 mkelly PASS    mkelly
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  665 r400cl_ucp_combos_05                                00:00:54 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_ucp_combos_05

  666 r400cl_ucp_combos_06                                00:00:54 mkelly PASS    mkelly
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  667 r400cl_ucp_combos_07                                00:00:55 mkelly PASS    mkelly
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  668 r400cl_ucp_combos_08                                00:00:54 mkelly PASS    mkelly
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  669 r400cl_ucp_combos_09                                00:00:55 mkelly PASS    mkelly
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  670 r400cl_ucp_combos_10                                00:00:55 mkelly PASS    mkelly
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  671 r400cl_ucp_combos_11                                00:00:55 mkelly PASS    mkelly
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  672 r400cl_ucp_combos_12                              00:00:55 mkelly PASS    mkelly
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  673 r400cl_ucp_combos_13                              00:00:55 mkelly PASS    mkelly
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  674 r400cl_ucp_combos_14                              00:00:55 mkelly PASS    mkelly
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  675 r400cl_ucp_combos_15                              00:00:54 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_ucp_combos_15

  676 r400cl_ucp_combos_16                              00:00:55 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_ucp_combos_16

  677 r400cl_ucp_combos_17                              00:00:55 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_ucp_combos_17

  678 r400cl_ucp_combos_18                              00:00:55 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_ucp_combos_18

  679 r400cl_ucp_combos_19                              00:00:55 mkelly PASS    mkelly
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  680 r400cl_ucp_combos_20                              00:00:55 mkelly PASS    mkelly
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  681 r400cl_ucp_combos_21                              00:00:54 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_ucp_combos_21

  682 r400cl_ucp_combos_22                              00:00:55 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_ucp_combos_22

  683 r400cl_ucp_combos_23                              00:00:55 mkelly PASS    mkelly
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  684 r400cl_ucp_combos_24                              00:00:55 mkelly PASS    mkelly
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  685 r400cl_ucp_combos_25                              00:00:55 mkelly PASS    mkelly
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  686 r400cl_ucp_combos_26                              00:00:54 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_ucp_combos_26

  687 r400cl_ucp_combos_27                              00:00:54 mkelly PASS    mkelly
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  688 r400cl_ucp_combos_28                              00:00:55 mkelly PASS    mkelly
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  689 r400cl_ucp_combos_29                              00:00:55 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_ucp_combos_29

  690 r400cl_ucp_combos_30                              00:00:55 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_ucp_combos_30

  691 r400cl_ucp_combos_31                              00:00:54 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_ucp_combos_31

  692 r400cl_ucp_combos_32                              00:00:55 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_ucp_combos_32

  693 r400cl_ucp_combos_33                              00:00:55 mkelly PASS    mkelly
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  694 r400cl_ucp_combos_34                              00:00:55 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_ucp_combos_34

  695 r400cl_ucp_combos_35                              00:00:55 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_ucp_combos_35

  696 r400cl_ucp_combos_36                              00:00:55 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_ucp_combos_36

  697 r400cl_ucp_combos_37                              00:00:56 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_ucp_combos_37

  698 r400cl_ucp_combos_38                              00:00:55 mkelly PASS    mkelly
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  699 r400cl_ucp_combos_39                              00:00:55 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_ucp_combos_39

  700 r400cl_ucp_combos_40                              00:00:54 mkelly PASS    mkelly
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  701 r400cl_ucp_combos_41                              00:00:55 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_ucp_combos_41

  702 r400cl_ucp_combos_42                              00:00:56 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_ucp_combos_42

  703 r400cl_ucp_combos_43                              00:00:55 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_ucp_combos_43
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  704 r400cl_ucp_combos_44                              00:00:55 mkelly PASS    mkelly
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  705 r400cl_ucp_combos_45                              00:00:55 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_ucp_combos_45

  706 r400cl_ucp_combos_46                              00:00:55 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_ucp_combos_46

  707 r400cl_ucp_combos_47                              00:00:54 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_ucp_combos_47

  708 r400cl_ucp_combos_48                              00:00:54 mkelly PASS    mkelly
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  709 r400cl_ucp_combos_49                              00:00:54 mkelly PASS    mkelly
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  710 r400cl_ucp_combos_50                              00:00:54 mkelly PASS    mkelly
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  711 r400cl_ucp_combos_51                              00:00:55 mkelly PASS    mkelly
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  712 r400cl_ucp_combos_52                              00:00:55 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_ucp_combos_52

  713 r400cl_ucp_combos_53                              00:00:54 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_ucp_combos_53

  714 r400cl_ucp_combos_54                              00:00:54 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_ucp_combos_54

  715 r400cl_ucp_combos_55                              00:00:55 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_ucp_combos_55

  716 r400cl_ucp_combos_56                              00:00:55 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_ucp_combos_56

  717 r400cl_ucp_combos_57                              00:00:55 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_ucp_combos_57

  718 r400cl_ucp_combos_58                              00:00:55 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_ucp_combos_58

  719 r400cl_ucp_combos_59                              00:00:54 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_ucp_combos_59
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  720 r400cl_ucp_combos_60                              00:00:55 mkelly PASS    mkelly
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  721 r400cl_ucp_combos_61                              00:00:54 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_ucp_combos_61

  722 r400cl_ucp_combos_62                              00:00:55 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_ucp_combos_62

  723 r400cl_ucp_combos_63                              00:00:55 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_ucp_combos_63

  724 r400cl_ucp_combos_64                              00:00:55 mkelly PASS    mkelly
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  725 r400cl_ucp_pointlist_01                           00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_ucp_pointlist_01

  726 r400cl_vertex_reuse_clip_01                       00:00:51 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_vertex_reuse_clip_01

  727 r400cl_vtx_kill_01                                00:00:10 mkelly PASS    mkelly
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  728 r400cl_vtx_kill_02                                00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_vtx_kill_02

  729 r400cl_w_eq_0                                     00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_w_eq_0

  730 r400cl_clip_edgeflags_frustum_corners_01          00:00:10 mkelly PASS    mkelly
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1
  731 r400cl_clip_edgeflags_frustum_corners_02          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cl_clip_edgeflags_frustum_corners_0
2
  732 r400vgt_auto_index_line_list_01                   00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_auto_index_line_list_01

  733 r400vgt_auto_index_line_loop_01                   00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_auto_index_line_loop_01

  734 r400vgt_auto_index_line_strip_01                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_auto_index_line_strip_01

  735 r400vgt_auto_index_points_01                      00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_auto_index_points_01
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  736 r400vgt_auto_index_polygon_01                    00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_auto_index_polygon_01

  737 r400vgt_auto_index_primtypes_01                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_auto_index_primtypes_01

  738 r400vgt_auto_index_quad_list_01                  00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_auto_index_quad_list_01

  739 r400vgt_auto_index_quad_strip_01                 00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_auto_index_quad_strip_01

  740 r400vgt_auto_index_rectangle_list_01             00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_auto_index_rectangle_list_01

  741 r400vgt_auto_index_tri_fan_01                    00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_auto_index_tri_fan_01

  742 r400vgt_auto_index_tri_list_01                   00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_auto_index_tri_list_01

  743 r400vgt_auto_index_tri_strip_01                  00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_auto_index_tri_strip_01

  744 r400vgt_auto_index_tri_wflags_01                 00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_auto_index_tri_wflags_01

  745 r400vgt_dma_engine_01                            00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_dma_engine_01

  746 r400vgt_dma_engine_02                            00:00:13 mkelly PASS    mkelly
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  747 r400vgt_dma_engine_03                            00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_dma_engine_03

  748 r400vgt_dma_engine_04                            00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_dma_engine_04

  749 r400vgt_dma_engine_05                            00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_dma_engine_05

  750 r400vgt_dma_engine_06                            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_dma_engine_06

  751 r400vgt_dma_engine_07                            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_dma_engine_07
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  752 r400vgt_dma_engine_08                          00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_dma_engine_08

  753 r400vgt_dma_engine_09                          00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_dma_engine_09

  754 r400vgt_dma_engine_10                          00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_dma_engine_10

  755 r400vgt_dma_index_line_list_01                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_dma_index_line_list_01

  756 r400vgt_dma_index_line_loop_01                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_dma_index_line_loop_01

  757 r400vgt_dma_index_line_strip_01                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_dma_index_line_strip_01

  758 r400vgt_dma_index_points_01                    00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_dma_index_points_01

  759 r400vgt_dma_index_polygon_01                   00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_dma_index_polygon_01

  760 r400vgt_dma_index_primtypes_01                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_dma_index_primtypes_01

  761 r400vgt_dma_index_quad_list_01                 00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_dma_index_quad_list_01

  762 r400vgt_dma_index_quad_strip_01                00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_dma_index_quad_strip_01

  763 r400vgt_dma_index_rectangle_list_01            00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_dma_index_rectangle_list_01

  764 r400vgt_dma_index_tri_fan_01                   00:00:12 mkelly PASS    mkelly
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  765 r400vgt_dma_index_tri_list_01                  00:00:11 mkelly PASS    mkelly
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  766 r400vgt_dma_index_tri_strip_01                 00:00:12 mkelly PASS    mkelly
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  767 r400vgt_dma_index_tri_wflags_01                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_dma_index_tri_wflags_01
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  768 r400vgt_dma_swap_indx16_01                          00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_dma_swap_indx16_01

  769 r400vgt_dma_swap_indx16_agp_01                      00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_dma_swap_indx16_agp_01

  770 r400vgt_dma_swap_indx16_pci_01                      00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_dma_swap_indx16_pci_01

  771 r400vgt_dma_swap_indx32_01                          00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_dma_swap_indx32_01

  772 r400vgt_dma_swap_indx32_agp_01                      00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_dma_swap_indx32_agp_01

  773 r400vgt_dma_swap_indx32_pci_01                      00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_dma_swap_indx32_pci_01

  774 r400vgt_edgeflags_polygon_01                        00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_edgeflags_polygon_01

  775 r400vgt_edgeflags_quad_list_01                      00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_edgeflags_quad_list_01

  776 r400vgt_edgeflags_quad_strip_01                     00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_edgeflags_quad_strip_01

  777 r400vgt_edgeflags_triangle_fan_01                   00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_edgeflags_triangle_fan_01

  778 r400vgt_edgeflags_triangle_list_01                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_edgeflags_triangle_list_01

  779 r400vgt_edgeflags_triangle_strip_01                 00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_edgeflags_triangle_strip_01

  780 r400vgt_edgeflags_triangle_wflags_01                00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_edgeflags_triangle_wflags_01

  781 r400vgt_event_handling_01                           00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_event_handling_01

  782 r400vgt_event_handling_02                           00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_event_handling_02

  783 r400vgt_event_handling_03                           00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_event_handling_03
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  784 r400vgt_event_handling_04                          00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_event_handling_04

  785 r400vgt_ext2int_index_line_list_01                 00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_ext2int_index_line_list_01

  786 r400vgt_ext2int_index_line_loop_01                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_ext2int_index_line_loop_01

  787 r400vgt_ext2int_index_line_strip_01                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_ext2int_index_line_strip_01

  788 r400vgt_ext2int_index_points_01                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_ext2int_index_points_01

  789 r400vgt_ext2int_index_polygon_01                   00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_ext2int_index_polygon_01

  790 r400vgt_ext2int_index_quad_list_01                 00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_ext2int_index_quad_list_01

  791 r400vgt_ext2int_index_quad_strip_01                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_ext2int_index_quad_strip_01

  792 r400vgt_ext2int_index_rectangle_list_01            00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_ext2int_index_rectangle_list_01

  793 r400vgt_ext2int_index_triangle_fan_01              00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_ext2int_index_triangle_fan_01

  794 r400vgt_ext2int_index_triangle_list_01             00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_ext2int_index_triangle_list_01

  795 r400vgt_ext2int_index_triangle_strip_01            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_ext2int_index_triangle_strip_01

  796 r400vgt_ext2int_index_triangle_wflags_01           00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_ext2int_index_triangle_wflags_0
1
  797 r400vgt_hos_auto_index_line_list_01                00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_hos_auto_index_line_list_01

  798 r400vgt_hos_auto_index_quad_list_01                00:01:38 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_hos_auto_index_quad_list_01

  799 r400vgt_hos_auto_index_triangle_list_01            00:01:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_hos_auto_index_triangle_list_01
```

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  800 r400vgt_hos_cubic_pos_pnt_discrete_01              00:00:26 mkelly FAIL
 compare mismatch **
  801 r400vgt_hos_LINE_adaptive_complex                  00:00:11 mkelly FAIL
 compare mismatch **
  802 r400vgt_hos_LPatch_01                              00:00:16 mkelly FAIL
 compare mismatch **
  803 r400vgt_hos_multi_prim_reset_index_01              00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_hos_multi_prim_reset_index_01

  804 r400vgt_hos_PNl_adaptive_complex                   00:00:11 mkelly FAIL
 compare mismatch **
  805 r400vgt_hos_PNL_cp_ln_cont_no_projection_01        00:00:15 mkelly FAIL
 compare mismatch **
  806 r400vgt_hos_PNL_lp_ln_cont_no_projection_01        00:00:15 mkelly FAIL
 gold or cmp file mis
  807 r400vgt_hos_PNQ_adaptive_complex                   00:00:27 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_hos_PNQ_adaptive_complex

  808 r400vgt_hos_PNQ_cp_qn_cont_light_texture_01        00:02:23 mkelly FAIL
 compare mismatch **
  809 r400vgt_hos_PNQ_cp_qn_cont_light_texture_02        00:02:30 mkelly FAIL
 compare mismatch **
  810 r400vgt_hos_PNQ_cp_qn_cont_no_projection_01        00:00:50 mkelly FAIL
 compare mismatch **
  811 r400vgt_hos_PNQ_lp_cont_no_projection_01           00:00:40 mkelly FAIL
 compare mismatch **
  812 r400vgt_hos_PNT_adaptive                           00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_hos_PNT_adaptive

  813 r400vgt_hos_PNT_adaptive_complex                   00:02:04 mkelly FAIL
 compare mismatch **
  814 r400vgt_hos_PNT_cont_cp_qn_complex_01              00:02:28 mkelly FAIL
 gold or cmp file mis
  815 r400vgt_hos_PNT_cont_cp_qn_precision_01            00:00:32 mkelly FAIL
 compare mismatch **
  816 r400vgt_hos_PNT_cont_cp_qn_precision_02            00:00:43 mkelly FAIL
 compare mismatch **
  817 r400vgt_hos_PNT_cp_qn_cont_light_texture_01        00:00:50 mkelly FAIL
 gold or cmp file mis
  818 r400vgt_hos_PNT_cp_qn_cont_light_texture_02        00:00:52 mkelly FAIL
 gold or cmp file mis
  819 r400vgt_hos_PNT_cp_qn_cont_light_texture_03        00:00:52 mkelly FAIL
 gold or cmp file mis
  820 r400vgt_hos_PNT_cp_qn_cont_moving_normals_01       00:01:39 mkelly FAIL
 gold or cmp file mis
  821 r400vgt_hos_PNT_cp_qn_cont_no_projection_01        00:00:29 mkelly FAIL
 compare mismatch **
  822 r400vgt_hos_PNT_cp_qn_disc_14_04_lit_tex_proj_01   00:00:16 mkelly FAIL
```

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 gold or cmp file mis
  823 r400vgt_hos_PNT_disc_cp_qn_complex_01              00:02:02 mkelly FAIL
 gold or cmp file mis
  824 r400vgt_hos_PNT_disc_cp_qn_light_texture_01        00:00:25 mkelly FAIL
 gold or cmp file mis
  825 r400vgt_hos_PNT_disc_cp_qn_no_projection_01        00:00:18 mkelly FAIL
 compare mismatch **
  826 r400vgt_hos_PNT_disc_cp_qn_precision_01            00:00:18 mkelly FAIL
 compare mismatch **
  827 r400vgt_hos_PNT_disc_cp_qn_precision_02            00:00:32 mkelly FAIL
 compare mismatch **
  828 r400vgt_hos_PNT_edge_detection_01                  00:01:42 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_hos_PNT_edge_detection_01

  829 r400vgt_hos_PNT_lp_cont_no_projection_01           00:00:32 mkelly FAIL
 compare mismatch **
  830 r400vgt_hos_PNTQL_cp_qn_cont_stress_01             00:00:55 mkelly FAIL
 gold or cmp file mis
  831 r400vgt_hos_RECT_adaptive_complex                  00:01:15 mkelly FAIL
 compare mismatch **
  832 r400vgt_hos_RPatch_cp_02                           00:02:06 mkelly FAIL
 gold or cmp file mis
  833 r400vgt_hos_RPatch_lp_02                           00:01:51 mkelly FAIL
 gold or cmp file mis
  834 r400vgt_hos_RTL_stress_01                          00:01:20 mkelly FAIL
 gold or cmp file mis
  835 r400vgt_hos_simple_linear_PNT_discrete_01          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_hos_simple_linear_PNT_discrete_
01
  836 r400vgt_hos_TPatch_01                              00:00:45 mkelly FAIL
 compare mismatch **
  837 r400vgt_hos_TPatch_02                              00:01:05 mkelly FAIL
 gold or cmp file mis
  838 r400vgt_hos_TRI_adaptive_complex                   00:00:35 mkelly FAIL
 compare mismatch **
  839 r400vgt_immed_index_line_list_01                   00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_immed_index_line_list_01

  840 r400vgt_immed_index_line_loop_01                   00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_immed_index_line_loop_01

  841 r400vgt_immed_index_line_strip_01                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_immed_index_line_strip_01

  842 r400vgt_immed_index_points_01                      00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_immed_index_points_01

  843 r400vgt_immed_index_polygon_01                     00:00:12 mkelly PASS    mkelly
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\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_immed_index_polygon_01

844 r400vgt_immed_index_primtypes_01 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_immed_index_primtypes_01

845 r400vgt_immed_index_quad_list_01 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_immed_index_quad_list_01

846 r400vgt_immed_index_quad_strip_01 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_immed_index_quad_strip_01

847 r400vgt_immed_index_rectangle_list_01 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_immed_index_rectangle_list_01

848 r400vgt_immed_index_tri_fan_01 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_immed_index_tri_fan_01

849 r400vgt_immed_index_tri_list_01 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_immed_index_tri_list_01

850 r400vgt_immed_index_tri_strip_01 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_immed_index_tri_strip_01

851 r400vgt_immed_index_tri_wflags_01 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_immed_index_tri_wflags_01

852 r400vgt_index_dealloc_line_list_01 00:00:16 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_index_dealloc_line_list_01

853 r400vgt_index_dealloc_points_01 00:00:18 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_index_dealloc_points_01

854 r400vgt_index_dealloc_triangle_list_01 00:00:26 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_index_dealloc_triangle_list_01

855 r400vgt_index_min_max_01 00:00:14 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_index_min_max_01

856 r400vgt_index_min_max_02 00:00:14 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_index_min_max_02

857 r400vgt_index_min_max_03 00:00:14 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_index_min_max_03

858 r400vgt_index_min_max_04 00:00:14 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_index_min_max_04

859 r400vgt_index_offset_01 00:00:13 mkelly PASS mkelly

\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_index_offset_01

860 r400vgt_index_offset_02 00:00:14 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_index_offset_02

861 r400vgt_index_offset_03 00:00:14 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_index_offset_03

862 r400vgt_index_offset_04 00:00:13 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_index_offset_04

863 r400vgt_index_offset_05 00:00:14 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_index_offset_05

864 r400vgt_index_offset_06 00:00:14 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_index_offset_06

865 r400vgt_index_offset_07 00:00:13 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_index_offset_07

866 r400vgt_index_offset_08 00:00:15 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_index_offset_08

867 r400vgt_index_size_01 00:00:14 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_index_size_01

868 r400vgt_index_size_02 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_index_size_02

869 r400vgt_index_source_switch_01 00:00:15 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_index_source_switch_01

870 r400vgt_line_list_01 00:00:18 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_line_list_01

871 r400vgt_line_list_02 00:00:20 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_line_list_02

872 r400vgt_line_loop_01 00:00:18 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_line_loop_01

873 r400vgt_line_loop_02 00:00:22 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_line_loop_02

874 r400vgt_line_strip_01 00:00:17 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_line_strip_01

875 r400vgt_line_strip_02 00:00:21 mkelly PASS mkelly

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\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_line_strip_02

  876 r400vgt_local_tonemapping                          00:01:59 mkelly FAIL
 gold or cmp file mis
  877 r400vgt_multi_context_01                           00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_multi_context_01

  878 r400vgt_multi_context_02                           00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_multi_context_02

  879 r400vgt_multi_context_03                           00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_multi_context_03

  880 r400vgt_multi_context_04                           00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_multi_context_04

  881 r400vgt_multi_context_05                           00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_multi_context_05

  882 r400vgt_multi_context_06                           00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_multi_context_06

  883 r400vgt_multi_context_07                           00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_multi_context_07

  884 r400vgt_multi_context_08                           00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_multi_context_08

  885 r400vgt_multi_context_09                           00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_multi_context_09

  886 r400vgt_multi_context_10                           00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_multi_context_10

  887 r400vgt_multi_context_11                           00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_multi_context_11

  888 r400vgt_multi_context_12                           00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_multi_context_12

  889 r400vgt_multi_pass_pix_shader_01                   00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_multi_pass_pix_shader_01

  890 r400vgt_multi_pass_pix_shader_02                   00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_multi_pass_pix_shader_02

  891 r400vgt_multi_pass_pix_shader_03                   00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_multi_pass_pix_shader_03
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892 r400vgt_multi_pass_pix_shader_04 00:00:10 mkelly PASS mkelly \\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_multi_pass_pix_shader_04

893 r400vgt_multi_pass_pix_shader_05 00:00:11 mkelly PASS mkelly \\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_multi_pass_pix_shader_05

894 r400vgt_multi_pass_pix_shader_06 00:00:12 mkelly PASS mkelly \\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_multi_pass_pix_shader_06

895 r400vgt_multi_pass_pix_shader_07 00:00:11 mkelly PASS mkelly \\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_multi_pass_pix_shader_07

896 r400vgt_multi_pass_pix_shader_08 00:00:12 mkelly PASS mkelly \\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_multi_pass_pix_shader_08

897 r400vgt_multi_prim_reset_index_all_01 00:00:11 mkelly PASS mkelly \\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_multi_prim_reset_index_all_01

898 r400vgt_multi_prim_reset_index_all_02 00:00:14 mkelly PASS mkelly \\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_multi_prim_reset_index_all_02

899 r400vgt_multi_prim_reset_index_all_03 00:00:13 mkelly PASS mkelly \\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_multi_prim_reset_index_all_03

900 r400vgt_multi_prim_reset_index_all_04 00:00:14 mkelly PASS mkelly \\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_multi_prim_reset_index_all_04

901 r400vgt_multi_prim_reset_index_all_05 00:00:13 mkelly PASS mkelly \\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_multi_prim_reset_index_all_05

902 r400vgt_multi_prim_reset_index_all_06 00:00:14 mkelly PASS mkelly \\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_multi_prim_reset_index_all_06

903 r400vgt_multi_prim_reset_index_all_07 00:00:13 mkelly PASS mkelly \\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_multi_prim_reset_index_all_07

904 r400vgt_pass_thru_all_prims_01 00:00:12 mkelly PASS mkelly \\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_pass_thru_all_prims_01

905 r400vgt_pass_thru_all_prims_02 00:00:11 mkelly PASS mkelly \\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_pass_thru_all_prims_02

906 r400vgt_point_list_01 00:00:18 mkelly PASS mkelly \\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_point_list_01

907 r400vgt_point_list_02 00:00:16 mkelly PASS mkelly \\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_point_list_02

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  908 r400vgt_polygon_01                                00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_polygon_01

  909 r400vgt_polygon_02                                00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_polygon_02

  910 r400vgt_provoking_vtx_all_01                      00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_provoking_vtx_all_01

  911 r400vgt_provoking_vtx_edgeflags_all_01            00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_provoking_vtx_edgeflags_all_01

  912 r400vgt_provoking_vtx_polygon_01                  00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_provoking_vtx_polygon_01

  913 r400vgt_provoking_vtx_quad_list_01                00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_provoking_vtx_quad_list_01

  914 r400vgt_provoking_vtx_quad_strip_01               00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_provoking_vtx_quad_strip_01

  915 r400vgt_provoking_vtx_tri_fan_01                  00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_provoking_vtx_tri_fan_01

  916 r400vgt_provoking_vtx_tri_strip_01                00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_provoking_vtx_tri_strip_01

  917 r400vgt_quad_list_01                              00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_quad_list_01

  918 r400vgt_quad_list_02                              00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_quad_list_02

  919 r400vgt_quad_strip_01                             00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_quad_strip_01

  920 r400vgt_quad_strip_02                             00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_quad_strip_02

  921 r400vgt_rbbm_reg_read                             00:00:05 mkelly FAIL
 gold or cmp file mis
  922 r400vgt_real_time_events_01                       00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_real_time_events_01

  923 r400vgt_real_time_events_02                       00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_real_time_events_02
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  924 r400vgt_real_time_events_03                         00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_real_time_events_03

  925 r400vgt_real_time_events_04                         00:01:04 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_real_time_events_04

  926 r400vgt_real_time_events_05                         00:01:04 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_real_time_events_05

  927 r400vgt_real_time_events_06                         00:01:04 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_real_time_events_06

  928 r400vgt_rectangle_list_01                           00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_rectangle_list_01

  929 r400vgt_rectangle_list_02                           00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_rectangle_list_02

  930 r400vgt_reuse_depth_line_list_01                    00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_reuse_depth_line_list_01

  931 r400vgt_reuse_depth_line_strip_01                   00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_reuse_depth_line_strip_01

  932 r400vgt_reuse_depth_point_list_01                   00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_reuse_depth_point_list_01

  933 r400vgt_reuse_depth_triangle_fan_01                 00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_reuse_depth_triangle_fan_01

  934 r400vgt_reuse_depth_triangle_list_01                00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_reuse_depth_triangle_list_01

  935 r400vgt_reuse_depth_triangle_strip_01               00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_reuse_depth_triangle_strip_01

  936 r400vgt_reuse_index_line_list_01                    00:00:29 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_reuse_index_line_list_01

  937 r400vgt_reuse_index_point_list_01                   00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_reuse_index_point_list_01

  938 r400vgt_reuse_index_triangle_list_01                00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_reuse_index_triangle_list_01

  939 r400vgt_reuse_index_triangle_list_02                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_reuse_index_triangle_list_02
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  940 r400vgt_reuse_index_triangle_list_03              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_reuse_index_triangle_list_03

  941 r400vgt_simple_register_indirect                  00:00:28 mkelly FAIL
 gold or cmp file mis
  942 r400vgt_suppress_eop_01                           00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_suppress_eop_01

  943 r400vgt_suppress_eop_02                           00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_suppress_eop_02

  944 r400vgt_suppress_eop_03                           00:00:21 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_suppress_eop_03

  945 r400vgt_suppress_eop_04                           00:00:21 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_suppress_eop_04

  946 r400vgt_suppress_eop_05                           00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_suppress_eop_05

  947 r400vgt_triangle_fan_01                           00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_triangle_fan_01

  948 r400vgt_triangle_fan_02                           00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_triangle_fan_02

  949 r400vgt_triangle_list_01                          00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_triangle_list_01

  950 r400vgt_triangle_list_02                          00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_triangle_list_02

  951 r400vgt_triangle_strip_01                         00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_triangle_strip_01

  952 r400vgt_triangle_strip_02                         00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_triangle_strip_02

  953 r400vgt_triangle_wflags_01                        00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_triangle_wflags_01

  954 r400vgt_triangle_wflags_02                        00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_triangle_wflags_02

  955 r400vgt_viz_query_01                              00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_viz_query_01

  956 r400vgt_vtx_export_very_very_simple_01            00:00:11 mkelly PASS    mkelly
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\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_vtx_export_very_very_simple_01

  957 r400vgt_vtx_export_very_very_simple_02             00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_vtx_export_very_very_simple_02

  958 r400vgt_vtx_export_very_very_simple_03             00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_vtx_export_very_very_simple_03

  959 r400vgt_vtx_export_very_very_simple_04             00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_vtx_export_very_very_simple_04

  960 r400vgt_vtx_vector_packing_01                      00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_vtx_vector_packing_01

  961 r400vgt_perf_counters_events_01                    00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_perf_counters_events_01

  962 r400vgt_debug_registers_01                         00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_debug_registers_01

  963 r400vgt_dma_index_primtypes_02                     00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_dma_index_primtypes_02

  964 r400vgt_real_time_events_07                        00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vgt_real_time_events_07

  965 r400su_4tri_text_offscreen_01                      00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_4tri_text_offscreen_01

  966 r400su_4trilist_edges_offscreen_01                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_4trilist_edges_offscreen_01

  967 r400su_back_face_fan_01                            00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_back_face_fan_01

  968 r400su_baryc_test_01                               00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_baryc_test_01

  969 r400su_baryc_test_02                               00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_baryc_test_02

  970 r400su_baryc_test_03                               00:00:51 mkelly FAIL
 compare mismatch **
  971 r400su_baryc_test_04                               00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_baryc_test_04

  972 r400su_baryc_test_05                               00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_baryc_test_05
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  973 r400su_baryc_test_06                              00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_baryc_test_06

  974 r400su_baryc_test_07                              00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_baryc_test_07

  975 r400su_baryc_test_08                              00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_baryc_test_08

  976 r400su_clip_baryc_test_01                         00:00:11 mkelly FAIL
 compare mismatch **
  977 r400su_clip_baryc_test_02                         00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_clip_baryc_test_02

  978 r400su_clip_baryc_test_03                         00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_clip_baryc_test_03

  979 r400su_clip_baryc_test_04                         00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_clip_baryc_test_04

  980 r400su_clip_baryc_test_05                         00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_clip_baryc_test_05

  981 r400su_clip_baryc_test_06                         00:00:13 mkelly FAIL
 compare mismatch **
  982 r400su_clip_baryc_test_07                         00:00:13 mkelly FAIL
 compare mismatch **
  983 r400su_clip_baryc_test_08                         00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_clip_baryc_test_08

  984 r400su_clip_edgeflag_polymode_01                  00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_clip_edgeflag_polymode_01

  985 r400su_clip_line_end_cap_functional_01            00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_clip_line_end_cap_functional_01

  986 r400su_clip_pointsize_test_01                     00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_clip_pointsize_test_01

  987 r400su_clip_pointtest_01                          00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_clip_pointtest_01

  988 r400su_clip_pointtest_02                          00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_clip_pointtest_02

  989 r400su_clip_pointtest_03                          00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_clip_pointtest_03
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  990 r400su_clip_pointtest_04                          00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_clip_pointtest_04

  991 r400su_clip_polymode_random_01                    00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_clip_polymode_random_01

  992 r400su_clip_polymode_random_02                    00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_clip_polymode_random_02

  993 r400su_clip_polymode_test_01                      00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_clip_polymode_test_01

  994 r400su_clip_polymode_test_02                      00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_clip_polymode_test_02

  995 r400su_clip_polymode_test_03                      00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_clip_polymode_test_03

  996 r400su_clip_provoking_vtx_edgeflags_triangle_01   00:00:18 mkelly FAIL
 compare mismatch **
  997 r400su_clip_provoking_vtx_edgeflags_triangle_02   00:00:18 mkelly FAIL
 compare mismatch **
  998 r400su_clipline_01                                00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_clipline_01

  999 r400su_clippoint_01                               00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_clippoint_01

 1000 r400su_clipvertexsorting_01                       00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_clipvertexsorting_01

 1001 r400su_clipvertexsorting_02                       00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_clipvertexsorting_02

 1002 r400su_clipvertexsorting_03                       00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_clipvertexsorting_03

 1003 r400su_clipvertexsorting_polymode_01              00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_clipvertexsorting_polymode_01

 1004 r400su_clipvertexsorting_polymode_02              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_clipvertexsorting_polymode_02

 1005 r400su_clipvertexsortingfunctional_01             00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_clipvertexsortingfunctional_01

 1006 r400su_cullingfunctional_01                       00:00:11 mkelly PASS    mkelly
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\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_cullingfunctional_01

 1007 r400su_degentri_test_01                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_degentri_test_01

 1008 r400su_degentri_test_02                          00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_degentri_test_02

 1009 r400su_degentri_test_03                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_degentri_test_03

 1010 r400su_degentri_test_04                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_degentri_test_04

 1011 r400su_edge_flag_01                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_edge_flag_01

 1012 r400su_edge_flag_02                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_edge_flag_02

 1013 r400su_edgeflags_triangle_01                     00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_edgeflags_triangle_01

 1014 r400su_edgeflags_triangle_02                     00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_edgeflags_triangle_02

 1015 r400su_geom_sort_01                              00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_geom_sort_01

 1016 r400su_line_clip_end_cap_01                      00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_line_clip_end_cap_01

 1017 r400su_line_clip_end_cap_width_functional_02     00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_line_clip_end_cap_width_function
al_02
 1018 r400su_line_clip_orientation_01                  00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_line_clip_orientation_01

 1019 r400su_line_clip_orientation_02                  00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_line_clip_orientation_02

 1020 r400su_line_clip_x_major_01                      00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_line_clip_x_major_01

 1021 r400su_line_end_cap_functional_01                00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_line_end_cap_functional_01

 1022 r400su_line_end_cap_width_functional_02          00:00:11 mkelly PASS    mkelly

\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_line_end_cap_width_functional_02

 1023 r400su_line_orientation_01                          00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_line_orientation_01

 1024 r400su_line_orientation_02                          00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_line_orientation_02

 1025 r400su_line_orientation_dx01_01                     00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_line_orientation_dx01_01

 1026 r400su_line_orientation_dx01_02                     00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_line_orientation_dx01_02

 1027 r400su_line_orientation_dy01_01                     00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_line_orientation_dy01_01

 1028 r400su_line_orientation_dy01_02                     00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_line_orientation_dy01_02

 1029 r400su_line_test_01                                 00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_line_test_01

 1030 r400su_line_test_02                                 00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_line_test_02

 1031 r400su_line_x_major_01                              00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_line_x_major_01

 1032 r400su_line_x_major_02                              00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_line_x_major_02

 1033 r400su_line_y_major_01                              00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_line_y_major_01

 1034 r400su_line_y_major_02                              00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_line_y_major_02

 1035 r400su_longstrip_01                                 00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_longstrip_01

 1036 r400su_multi_context_01                             00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_multi_context_01

 1037 r400su_multi_prim_01                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_multi_prim_01

 1038 r400su_multi_prim_02                                00:00:20 mkelly PASS    mkelly

\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_multi_prim_02

1039 r400su_parallel_orientation_all_01 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_parallel_orientation_all_01

1040 r400su_parallel_orientation_all_02 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_parallel_orientation_all_02

1041 r400su_pc_management_01 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_pc_management_01

1042 r400su_pc_management_02 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_pc_management_02

1043 r400su_pc_management_03 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_pc_management_03

1044 r400su_point_sprite_01 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_point_sprite_01

1045 r400su_point_sprite_02 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_point_sprite_02

1046 r400su_point_sprite_03 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_point_sprite_03

1047 r400su_point_sprite_04 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_point_sprite_04

1048 r400su_point_sprite_05 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_point_sprite_05

1049 r400su_point_sprite_06 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_point_sprite_06

1050 r400su_point_sprite_07 00:00:17 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_point_sprite_07

1051 r400su_point_sprite_08 00:00:17 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_point_sprite_08

1052 r400su_point_sprite_09 00:00:21 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_point_sprite_09

1053 r400su_point_w16_h1_functional_01 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_point_w16_h1_functional_01

1054 r400su_point_w1_h16_functional_01 00:00:11 mkelly PASS mkelly

\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_point_w1_h16_functional_01

 1055 r400su_pointsizepresent_01                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_pointsizepresent_01

 1056 r400su_pointsizepresent_02                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_pointsizepresent_02

 1057 r400su_pointsizepresent_03                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_pointsizepresent_03

 1058 r400su_polymode_culling_face_01                     00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_polymode_culling_face_01

 1059 r400su_polymode_culling_face_02                     00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_polymode_culling_face_02

 1060 r400su_polymode_lines_degen_triangle_01             00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_polymode_lines_degen_triangle_01

 1061 r400su_polymode_lines_degen_triangle_02             00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_polymode_lines_degen_triangle_02

 1062 r400su_polymode_lines_degen_triangle_03             00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_polymode_lines_degen_triangle_03

 1063 r400su_polymode_lines_zero_area_triangle_01         00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_polymode_lines_zero_area_triangl
e_01
 1064 r400su_polymode_lines_zero_area_triangle_02         00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_polymode_lines_zero_area_triangl
e_02
 1065 r400su_polymode_multi_prim_01                       00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_polymode_multi_prim_01

 1066 r400su_polymode_points_degen_triangle_01            00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_polymode_points_degen_triangle_0
1
 1067 r400su_polymode_points_degen_triangle_02            00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_polymode_points_degen_triangle_0
2
 1068 r400su_polymode_points_zero_area_triangle_01        00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_polymode_points_zero_area_triang
le_01
 1069 r400su_polymode_points_zero_area_triangle_02        00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_polymode_points_zero_area_triang
le_02
 1070 r400su_polymode_rectangle_01                        00:00:10 mkelly PASS    mkelly

\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_polymode_rectangle_01

 1071 r400su_polymode_zero_area_triangle_01              00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_polymode_zero_area_triangle_01

 1072 r400su_polymode_zero_area_triangle_02              00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_polymode_zero_area_triangle_02

 1073 r400su_polymode_zero_area_triangle_03              00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_polymode_zero_area_triangle_03

 1074 r400su_polymode_zero_area_triangle_04              00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_polymode_zero_area_triangle_04

 1075 r400su_polymodeculling_01                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_polymodeculling_01

 1076 r400su_polymodefunctional_01                       00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_polymodefunctional_01

 1077 r400su_provok_vtx_polymode_mix_point_lines_01      00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_provok_vtx_polymode_mix_point_li
nes_01
 1078 r400su_provoking_vtx_edgeflags_triangle_01         00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_provoking_vtx_edgeflags_triangle
_01
 1079 r400su_provoking_vtx_edgeflags_triangle_02         00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_provoking_vtx_edgeflags_triangle
_02
 1080 r400su_provoking_vtx_edgeflags_triangle_03         00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_provoking_vtx_edgeflags_triangle
_03
 1081 r400su_provoking_vtx_edgeflags_triangle_04         00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_provoking_vtx_edgeflags_triangle
_04
 1082 r400su_provoking_vtx_line_01                       00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_provoking_vtx_line_01

 1083 r400su_provoking_vtx_point_01                      00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_provoking_vtx_point_01

 1084 r400su_provoking_vtx_polymode_rectangle_01         00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_provoking_vtx_polymode_rectangle
_01
 1085 r400su_provoking_vtx_rectangle_01                  00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_provoking_vtx_rectangle_01

 1086 r400su_provoking_vtx_triangle_01                   00:00:12 mkelly PASS    mkelly

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\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_provoking_vtx_triangle_01

 1087 r400su_rand_line_01                                00:00:21 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_rand_line_01

 1088 r400su_rand_point_01                               00:00:21 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_rand_point_01

 1089 r400su_rand_tri_01                                 00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_rand_tri_01

 1090 r400su_rectangle_01                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_rectangle_01

 1091 r400su_rectangle_list_01                           00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_rectangle_list_01

 1092 r400su_simple_register_indirect                    00:00:10 mkelly FAIL
 gold or cmp file mis
 1093 r400su_sliver_01                                   00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_sliver_01

 1094 r400su_stress_01                                   00:02:58 mkelly FAIL
 compare mismatch **
 1095 r400su_stress_02                                   00:02:01 mkelly FAIL
 compare mismatch **
 1096 r400su_stress_03                                   00:01:56 mkelly FAIL
 compare mismatch **
 1097 r400su_triarea_test_01                             00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_triarea_test_01

 1098 r400su_triarea_test_02                             00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_triarea_test_02

 1099 r400su_triarea_test_03                             00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_triarea_test_03

 1100 r400su_triarea_test_04                             00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_triarea_test_04

 1101 r400su_vertexsortingfunctional_01                  00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_vertexsortingfunctional_01

 1102 r400su_w_grad_test_01                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_w_grad_test_01

 1103 r400su_w_grad_test_02                              00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_w_grad_test_02
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 1104 r400su_w_grad_test_03                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_w_grad_test_03

 1105 r400su_z_grad_test_01                              00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_z_grad_test_01

 1106 r400su_z_grad_test_02                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_z_grad_test_02

 1107 r400su_z_grad_test_03                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_z_grad_test_03

 1108 r400su_zero_area_test_01                           00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_zero_area_test_01

 1109 r400su_zero_area_test_02                           00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_zero_area_test_02

 1110 r400su_zero_area_test_03                           00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_zero_area_test_03

 1111 r400su_zero_area_test_04                           00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400su_zero_area_test_04

 1112 r400vte_coverage_02                                00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vte_coverage_02

 1113 r400vte_mult_msbs_01                               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vte_mult_msbs_01

 1114 r400vte_many_reciprocals_01                        00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vte_many_reciprocals_01

 1115 r400vte_z_veu_msb_01                               00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vte_z_veu_msb_01

 1116 r400vte_y_veu_msb_01                               00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vte_y_veu_msb_01

 1117 r400vte_x_veu_msb_01                               00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vte_x_veu_msb_01

 1118 r400vte_inf_nan_01                                 00:00:32 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vte_inf_nan_01

 1119 r400vte_clip_perspective_texture_04                00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vte_clip_perspective_texture_04
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 1120 r400vte_clip_perspective_texture_03                00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vte_clip_perspective_texture_03

 1121 r400vte_clip_perspective_texture_02                00:00:20 mkelly FAIL
 compare mismatch **
 1122 r400vte_clip_perspective_texture_01                00:00:32 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vte_clip_perspective_texture_01

 1123 r400vte_combos_01                                  00:01:00 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vte_combos_01

 1124 r400vte_combos_02                                  00:00:53 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vte_combos_02

 1125 r400vte_combos_03                                  00:00:31 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vte_combos_03

 1126 r400vte_coverage_01                                00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vte_coverage_01

 1127 r400vte_perf_01                                    00:00:13 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vte_perf_01

 1128 r400vte_perf_02                                    00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vte_perf_02

 1129 r400vte_perf_03                                    00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vte_perf_03

 1130 r400vte_pos_neg_combo_01                           00:00:34 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vte_pos_neg_combo_01

 1131 r400vte_pos_neg_combo_02                           00:00:33 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vte_pos_neg_combo_02

 1132 r400vte_pos_neg_combo_03                           00:00:36 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vte_pos_neg_combo_03

 1133 r400vte_simple_point_01                            00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vte_simple_point_01

 1134 r400vte_simple_triangle_01                         00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vte_simple_triangle_01

 1135 r400vte_w0_fmt_01                                  00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vte_w0_fmt_01
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 1136 r400vte_w0_fmt_02                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vte_w0_fmt_02

 1137 r400vte_w0_fmt_03                                  00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vte_w0_fmt_03

 1138 r400vte_w0_fmt_04                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vte_w0_fmt_04

 1139 r400vte_w0_fmt_05                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vte_w0_fmt_05

 1140 r400vte_w0_fmt_06                                  00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vte_w0_fmt_06

 1141 r400vte_xy_fmt_01                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vte_xy_fmt_01

 1142 r400vte_xy_fmt_02                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vte_xy_fmt_02

 1143 r400vte_xy_fmt_03                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vte_xy_fmt_03

 1144 r400vte_xyz_scale_01                               00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vte_xyz_scale_01

 1145 r400vte_xyz_scale_02                               00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vte_xyz_scale_02

 1146 r400vte_z_fmt_01                                   00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vte_z_fmt_01

 1147 r400vte_z_fmt_02                                   00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vte_z_fmt_02

 1148 r400vte_z_fmt_03                                   00:00:14 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vte_z_fmt_03

 1149 r400vte_z_fmt_04                                   00:00:14 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400vte_z_fmt_04

 1150 r400sanity_vfd_texture_sample_01                   00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400sanity_vfd_texture_sample_01

 1151 primlib_1st_tri_june15                             00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/primlib_1st_tri_june15
```

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 1152 primlib_gouraud_tri_1_xyz_vb_1_rgb_vb              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/primlib_gouraud_tri_1_xyz_vb_1_rgb_vb

 1153 primlib_gouraud_triangles_2_draw_passes            00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/primlib_gouraud_triangles_2_draw_passes

 1154 primlib_parameterized_simple_triangle              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/primlib_parameterized_simple_triangle

 1155 primlib_template_simple_triangle                   00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/primlib_template_simple_triangle

 1156 primlib_tex_tri                                    00:00:12 mkelly FAIL
 primlib_tex_tri_001.
 1157 primlib_zbuffer_2tris_03                           00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/primlib_zbuffer_2tris_03

 1158 cp_dma_2desc                                       00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_dma_2desc

 1159 cp_dma_interrupt                                   00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_dma_interrupt

 1160 cp_dma_m2m_01                                      00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_dma_m2m_01

 1161 cp_dma_m2m_02                                      00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_dma_m2m_02

 1162 cp_dma_m2m_03                                      00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_dma_m2m_03

 1163 cp_dma_m2m_04                                      00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_dma_m2m_04

 1164 cp_dma_m2r_01                                      00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_dma_m2r_01

 1165 cp_dma_m2r_02                                      00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_dma_m2r_02

 1166 cp_dma_m2r_03                                      00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_dma_m2r_03

 1167 cp_dma_m2r_04                                      00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_dma_m2r_04

 1168 cp_dma_m2r_r2m                                     00:00:10 mkelly PASS    mkelly
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                    \\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_dma_m2r_r2m

 1169 cp_dma_pio_simple                                 00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_dma_pio_simple

 1170 cp_dma_pio_stress                                 00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_dma_pio_stress

 1171 cp_dma_piobm_stress                               00:00:10 mkelly FAIL
 compare mismatch No
 1172 cp_dma_r2m_01                                     00:00:10 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_dma_r2m_01

 1173 cp_dma_r2m_02                                     00:00:09 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_dma_r2m_02

 1174 cp_dma_r2m_03                                     00:00:09 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_dma_r2m_03

 1175 cp_dma_r2m_04                                     00:00:10 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_dma_r2m_04

 1176 cp_dma_r2r_01                                     00:00:09 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_dma_r2r_01

 1177 cp_dma_r2r_02                                     00:00:09 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_dma_r2r_02

 1178 cp_dma_r2r_03                                     00:00:10 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_dma_r2r_03

 1179 cp_dma_r2r_r2m                                    00:00:10 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_dma_r2r_r2m

 1180 cp_dma_r2r_r2m_m2m                                00:00:09 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_dma_r2r_r2m_m2m

 1181 cp_dma_r2r_r2m_m2m_r2m                            00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_dma_r2r_r2m_m2m_r2m

 1182 cp_dma_simple                                     00:00:09 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_dma_simple

 1183 cp_e2_hostdata_blt_pntr_8888                      00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_e2_hostdata_blt_pntr_8888

 1184 cp_e2_one_blit                                    00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_e2_one_blit
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 1185 cp_e2_one_hline                                    00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_e2_one_hline

 1186 cp_e2_one_line                                     00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_e2_one_line

 1187 cp_e2_one_vline                                    00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_e2_one_vline

 1188 cp_e2_polyscanlines                                00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_e2_polyscanlines

 1189 cp_e2blit_brush_m                                  00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_e2blit_brush_m

 1190 cp_e2blit_brush_mt_ropcc                           00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_e2blit_brush_mt_ropcc

 1191 cp_e2blit_brush_mt_ropf0                           00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_e2blit_brush_mt_ropf0

 1192 cp_e2blit_src_8888i                                00:00:28 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_e2blit_src_8888i

 1193 cp_e2blit_src_8888ii                               00:00:21 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_e2blit_src_8888ii

 1194 cp_e2blit_src_8888iii                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_e2blit_src_8888iii

 1195 cp_e2blit_src_8888iv                               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_e2blit_src_8888iv

 1196 cp_e2blit_src_8888v                                00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_e2blit_src_8888v

 1197 cp_e2blit_srf_cohr                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_e2blit_srf_cohr

 1198 cp_e2brush_8x8clr_565                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_e2brush_8x8clr_565

 1199 cp_e2brush_8x8clr_ci8                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_e2brush_8x8clr_ci8

 1200 cp_e2brush_8x8mmask_1555                           00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_e2brush_8x8mmask_1555
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 1201 cp_e2brush_8x8mono_ci8                              00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_e2brush_8x8mono_ci8

 1202 cp_e2brush_solid                                    00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_e2brush_solid

 1203 cp_e2cache1                                         00:00:13 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_e2cache1

 1204 cp_e2cache2                                         00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_e2cache2

 1205 cp_e2gradfill_565                                   00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_e2gradfill_565

 1206 cp_e2gradfill_1555                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_e2gradfill_1555

 1207 cp_e2gradfill_8888                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_e2gradfill_8888

 1208 cp_e2gradfill_horizontal                            00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_e2gradfill_horizontal

 1209 cp_e2gradfill_triangle                              00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_e2gradfill_triangle

 1210 cp_e2gradfill_vertical                              00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_e2gradfill_vertical

 1211 cp_e2hostdata_blt2_565                              00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_e2hostdata_blt2_565

 1212 cp_e2hostdata_blt2_1555                             00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_e2hostdata_blt2_1555

 1213 cp_e2hostdata_blt2_8888                             00:00:35 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_e2hostdata_blt2_8888

 1214 cp_e2hostdata_blt2_ci8                              00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_e2hostdata_blt2_ci8

 1215 cp_e2hostdata_blt_565                               00:00:27 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_e2hostdata_blt_565

 1216 cp_e2hostdata_blt_1555                              00:00:27 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_e2hostdata_blt_1555
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 1217 cp_e2hostdata_blt_8888                              00:00:43 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_e2hostdata_blt_8888

 1218 cp_e2hostdata_blt_ci8                               00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_e2hostdata_blt_ci8

 1219 cp_e2hostdata_blt_drv1                              00:00:26 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_e2hostdata_blt_drv1

 1220 cp_e2hostdata_blt_pntr_565                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_e2hostdata_blt_pntr_565

 1221 cp_e2hostdata_blt_pntr_1555                         00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_e2hostdata_blt_pntr_1555

 1222 cp_e2hostdata_blt_pntr_ci8                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_e2hostdata_blt_pntr_ci8

 1223 cp_e2hostdata_byte_srcload                          00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_e2hostdata_byte_srcload

 1224 cp_e2line_max                                       00:04:24 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_e2line_max

 1225 cp_e2line_patcount_poly                             00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_e2line_patcount_poly

 1226 cp_e2lines                                          00:00:16 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_e2lines

 1227 cp_e2load_palette                                   00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_e2load_palette

 1228 cp_e2nextchar_565                                   00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_e2nextchar_565

 1229 cp_e2nextchar_1555                                  00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_e2nextchar_1555

 1230 cp_e2nextchar_8888                                  00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_e2nextchar_8888

 1231 cp_e2nextchar_ci8                                   00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_e2nextchar_ci8

 1232 cp_e2paint_565                                      00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_e2paint_565
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 1233 cp_e2paint_8888                                    00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_e2paint_8888

 1234 cp_e2paint_multi                                   00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_e2paint_multi

 1235 cp_e2perf_2d_04_vector                             00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_e2perf_2d_04_vector

 1236 cp_e2perf_ptrnfil                                  00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_e2perf_ptrnfil

 1237 cp_e2ply_nextscan                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_e2ply_nextscan

 1238 cp_e2polyscanlines_brush                           00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_e2polyscanlines_brush

 1239 cp_e2polyscanlines_brush_mt                        00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_e2polyscanlines_brush_mt

 1240 cp_e2rop                                           00:00:13 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_e2rop

 1241 cp_e2set_scissors                                  00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_e2set_scissors

 1242 cp_e2smalltext                                     00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_e2smalltext

 1243 cp_e2smalltext_jc1                                 00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_e2smalltext_jc1

 1244 cp_e2smalltext_jc2                                 00:04:09 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_e2smalltext_jc2

 1245 cp_e2smalltext_max                                 00:02:00 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_e2smalltext_max

 1246 cp_e2smalltext_neg                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_e2smalltext_neg

 1247 cp_e2trans_bitblt                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_e2trans_bitblt

 1248 cp_rb_dst_blit_01                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_rb_dst_blit_01
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 1249 cp_rb_dst_blit_agp_01                              00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_rb_dst_blit_agp_01

 1250 cp_rb_dst_blit_brush_01                            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_rb_dst_blit_brush_01

 1251 cp_rb_dst_blit_brush_02                            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_rb_dst_blit_brush_02

 1252 cp_rb_dst_blit_brush_03                            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_rb_dst_blit_brush_03

 1253 cp_rb_dst_blit_brush_04                            00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_rb_dst_blit_brush_04

 1254 cp_rb_dst_blit_brush_05                            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_rb_dst_blit_brush_05

 1255 cp_rb_dst_blit_brush_565_01                        00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_rb_dst_blit_brush_565_01

 1256 cp_rb_dst_blit_brush_agp_01                        00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_rb_dst_blit_brush_agp_01

 1257 cp_rb_dst_blit_brush_agp_05                        00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_rb_dst_blit_brush_agp_05

 1258 cp_rb_dst_blit_brush_ci8_01                        00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_rb_dst_blit_brush_ci8_01

 1259 cp_rb_dst_blit_rop_01                              00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_rb_dst_blit_rop_01

 1260 cp_rb_dst_blit_rop_02                              00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_rb_dst_blit_rop_02

 1261 cp_rb_dst_blit_rop_03                              00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_rb_dst_blit_rop_03

 1262 cp_rb_dst_blit_rop_04                              00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_rb_dst_blit_rop_04

 1263 cp_rb_dst_blit_rop_05                              00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_rb_dst_blit_rop_05

 1264 cp_rb_dst_blit_rop_06                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_rb_dst_blit_rop_06
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 1265 cp_rb_dst_blit_rop_07                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_rb_dst_blit_rop_07

 1266 cp_rb_dst_blit_rop_agp_01                          00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_rb_dst_blit_rop_agp_01

 1267 cp_rb_dst_blit_rop_agp_04                          00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_rb_dst_blit_rop_agp_04

 1268 cp_rb_dst_blit_rop_agp_07                          00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_rb_dst_blit_rop_agp_07

 1269 cp_rb_dst_clr_cmp_01                               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_rb_dst_clr_cmp_01

 1270 cp_rb_dst_clr_cmp_02                               00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_rb_dst_clr_cmp_02

 1271 cp_rb_dst_clr_cmp_03                               00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_rb_dst_clr_cmp_03

 1272 cp_rb_dst_clr_cmp_agp_01                           00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_rb_dst_clr_cmp_agp_01

 1273 cp_rb_dst_clr_cmp_msk_01                           00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_rb_dst_clr_cmp_msk_01

 1274 cp_rb_dst_clr_cmp_rops_01                          00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_rb_dst_clr_cmp_rops_01

 1275 cp_rb_dst_clr_cmp_rops_02                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_rb_dst_clr_cmp_rops_02

 1276 cp_rb_dst_clr_cmp_rops_03                          00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_rb_dst_clr_cmp_rops_03

 1277 cp_rb_dst_line_01                                  00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_rb_dst_line_01

 1278 cp_rb_dst_line_brush_01                            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_rb_dst_line_brush_01

 1279 cp_rb_dst_line_brush_02                            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_rb_dst_line_brush_02

 1280 cp_rb_dst_line_brush_03                            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_rb_dst_line_brush_03
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 1281 cp_rb_dst_line_brush_agp_01                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_rb_dst_line_brush_agp_01

 1282 cp_rb_dstcache_aflush_2d_01                          00:02:39 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_rb_dstcache_aflush_2d_01

 1283 cp_rb_dstcache_aflush_2d_agp_01                      00:02:39 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_rb_dstcache_aflush_2d_agp_01

 1284 cp_rb_dstcache_fillflush_2d_01                       00:00:57 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_rb_dstcache_fillflush_2d_01

 1285 cp_rb_dstcache_rmw_2d_01                             00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_rb_dstcache_rmw_2d_01

 1286 cp_rb_dstcache_rmw_2d_agp_01                         00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_rb_dstcache_rmw_2d_agp_01

 1287 cp_im_load_indirect                                  00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_im_load_indirect

 1288 cp_queue_avail_01                                    00:00:11 mkelly FAIL
 compare mismatch No
 1289 cp_queue_avail_02                                    00:00:11 mkelly FAIL
 compare mismatch No
 1290 cp_queue_avail_03                                    00:00:11 mkelly FAIL
 compare mismatch No
 1291 cp_queue_avail_04                                    00:00:10 mkelly FAIL
 compare mismatch No
 1292 cp_queue_avail_05                                    00:00:10 mkelly FAIL
 compare mismatch No
 1293 cp_queue_avail_06                                    00:00:09 mkelly FAIL
 compare mismatch No
 1294 cp_queue_avail_07                                    00:00:10 mkelly FAIL
 compare mismatch No
 1295 cp_push_aper_indirect1                               00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_push_aper_indirect1

 1296 cp_push_aper_primary                                 00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_push_aper_primary

 1297 cp_simple_triangle                                   00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/cp_simple_triangle

 1298 e2_bbll                                              00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2_bbll
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1299 e2_bbll_565                                    00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2_bbll_565

1300 e2_bbll_1555                                   00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2_bbll_1555

1301 e2_bbll_ci8                                    00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2_bbll_ci8

1302 e2_blbl                                        00:00:12 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2_blbl

1303 e2_blbl_565                                    00:00:12 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2_blbl_565

1304 e2_blbl_1555                                   00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2_blbl_1555

1305 e2_blbl_ci8                                    00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2_blbl_ci8

1306 e2_blit_busy                                   00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2_blit_busy

1307 e2_blit_lines                                  00:00:10 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2_blit_lines

1308 e2_blit_sync_565                               00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2_blit_sync_565

1309 e2_dstaddr                                     00:00:14 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2_dstaddr

1310 e2_lblb                                        00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2_lblb

1311 e2_lblb_wh                                     00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2_lblb_wh

1312 e2_line_busy                                   00:00:10 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2_line_busy

1313 e2_llbb                                        00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2_llbb

1314 e2_many_lines                                  00:00:17 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2_many_lines
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 1315 e2_many_lines_2x4                                  00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2_many_lines_2x4

 1316 e2_many_lines_2x4_mask                             00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2_many_lines_2x4_mask

 1317 e2_many_lines_4x4                                  00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2_many_lines_4x4

 1318 e2_many_lines_4x4_mask                             00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2_many_lines_4x4_mask

 1319 e2_many_lines_4x8                                  00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2_many_lines_4x8

 1320 e2_many_lines_4x8_mask                             00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2_many_lines_4x8_mask

 1321 e2_many_lines_mask                                 00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2_many_lines_mask

 1322 e2_many_lines_pat                                  00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2_many_lines_pat

 1323 e2_many_lines_w9x                                  00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2_many_lines_w9x

 1324 e2_offset_pitch                                    00:00:12 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2_offset_pitch

 1325 e2_offset_pitch_16byte                             00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2_offset_pitch_16byte

 1326 e2_one_blit                                        00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2_one_blit

 1327 e2_one_line                                        00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2_one_line

 1328 e2_partial_add                                     00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2_partial_add

 1329 e2_pm4_blit_64x64                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2_pm4_blit_64x64

 1330 e2_pm4_blit_128x128                                00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2_pm4_blit_128x128
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 1331 e2_pm4_blit_256x256                                00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2_pm4_blit_256x256

 1332 e2_simple2d                                        00:00:13 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2_simple2d

 1333 e2_write_256b                                      00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2_write_256b

 1334 e2blit_3noshft_565                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_3noshft_565

 1335 e2blit_3noshft_1555                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_3noshft_1555

 1336 e2blit_3noshft_8888                                00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_3noshft_8888

 1337 e2blit_3noshft_ci8                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_3noshft_ci8

 1338 e2blit_3shftL_565                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_3shftL_565

 1339 e2blit_3shftL_1555                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_3shftL_1555

 1340 e2blit_3shftL_8888                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_3shftL_8888

 1341 e2blit_3shftL_ci8                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_3shftL_ci8

 1342 e2blit_3shftR_565                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_3shftR_565

 1343 e2blit_3shftR_1555                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_3shftR_1555

 1344 e2blit_3shftR_8888                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_3shftR_8888

 1345 e2blit_3shftR_ci8                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_3shftR_ci8

 1346 e2blit_640x5_8888                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_640x5_8888
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 1347 e2blit_agp2agp                                    00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_agp2agp

 1348 e2blit_agp2fb                                     00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_agp2fb

 1349 e2blit_agp2fb_big                                 00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_agp2fb_big

 1350 e2blit_agp2fb_big2                                00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_agp2fb_big2

 1351 e2blit_beyondframe                                00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_beyondframe

 1352 e2blit_clut32_8888                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_clut32_8888

 1353 e2blit_clut32_8888_lines                          00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_clut32_8888_lines

 1354 e2blit_clut_565                                   00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_clut_565

 1355 e2blit_clut_565_2                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_clut_565_2

 1356 e2blit_clut_565all                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_clut_565all

 1357 e2blit_clut_565indx                               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_clut_565indx

 1358 e2blit_clut_8888                                  00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_clut_8888

 1359 e2blit_fb2agp_big                                 00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_fb2agp_big

 1360 e2blit_fb2agp_big_2                               00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_fb2agp_big_2

 1361 e2blit_host2agp                                   00:00:44 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_host2agp

 1362 e2blit_host128_565_00                             00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_host128_565_00
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 1363 e2blit_host128_565_00_wide                          00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_host128_565_00_wide

 1364 e2blit_host128_565_01                               00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_host128_565_01

 1365 e2blit_host128_565_01_wide                          00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_host128_565_01_wide

 1366 e2blit_host128_565_02                               00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_host128_565_02

 1367 e2blit_host128_565_02_wide                          00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_host128_565_02_wide

 1368 e2blit_host128_565_03                               00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_host128_565_03

 1369 e2blit_host128_565_03_wide                          00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_host128_565_03_wide

 1370 e2blit_host128_565_mono                             00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_host128_565_mono

 1371 e2blit_host128_8888_00                              00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_host128_8888_00

 1372 e2blit_host128_8888_01                              00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_host128_8888_01

 1373 e2blit_host128_8888_02                              00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_host128_8888_02

 1374 e2blit_host128_8888_03                              00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_host128_8888_03

 1375 e2blit_host128_8888_mono                            00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_host128_8888_mono

 1376 e2blit_host128_ci8_00                               00:00:39 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_host128_ci8_00

 1377 e2blit_host128_ci8_01                               00:00:40 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_host128_ci8_01

 1378 e2blit_host128_ci8_02                               00:00:40 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_host128_ci8_02
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 1379 e2blit_host128_ci8_03                              00:00:40 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_host128_ci8_03

 1380 e2blit_host128_ci8_mono                            00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_host128_ci8_mono

 1381 e2blit_host_1to8_00                                00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_host_1to8_00

 1382 e2blit_host_1to8_01                                00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_host_1to8_01

 1383 e2blit_host_1to8_02                                00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_host_1to8_02

 1384 e2blit_host_1to8_04                                00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_host_1to8_04

 1385 e2blit_host_1to8_04_lines                          00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_host_1to8_04_lines

 1386 e2blit_host_1to8_05                                00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_host_1to8_05

 1387 e2blit_host_1to8_06                                00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_host_1to8_06

 1388 e2blit_host_1to8_07                                00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_host_1to8_07

 1389 e2blit_host_1to8_08                                00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_host_1to8_08

 1390 e2blit_host_1to8_09                                00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_host_1to8_09

 1391 e2blit_host_1to8_10                                00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_host_1to8_10

 1392 e2blit_host_1to8_11                                00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_host_1to8_11

 1393 e2blit_host_1to8mask_01                            00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_host_1to8mask_01

 1394 e2blit_host_1to8mask_03                            00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_host_1to8mask_03
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 1395 e2blit_host_1to8mask_09                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_host_1to8mask_09

 1396 e2blit_host_1to8mask_10                          00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_host_1to8mask_10

 1397 e2blit_host_1to8mask_10_lines                    00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_host_1to8mask_10_lines

 1398 e2blit_host_1to16_00                             00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_host_1to16_00

 1399 e2blit_host_1to16_01                             00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_host_1to16_01

 1400 e2blit_host_1to16_02                             00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_host_1to16_02

 1401 e2blit_host_1to16_03                             00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_host_1to16_03

 1402 e2blit_host_1to16_04                             00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_host_1to16_04

 1403 e2blit_host_1to16_05                             00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_host_1to16_05

 1404 e2blit_host_1to16_06                             00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_host_1to16_06

 1405 e2blit_host_1to16_07                             00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_host_1to16_07

 1406 e2blit_host_100x100_8888                         00:00:44 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_host_100x100_8888

 1407 e2blit_host_pm4_100x100_8888                     00:00:44 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_host_pm4_100x100_8888

 1408 e2blit_hostdest_1555                             00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_hostdest_1555

 1409 e2blit_hostdest_1555_lines                       00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_hostdest_1555_lines

 1410 e2blit_hostdest_8888                             00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_hostdest_8888
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 1411 e2blit_hostdest_ci8                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_hostdest_ci8

 1412 e2blit_hostmono                                      00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_hostmono

 1413 e2blit_hostmonow                                     00:00:16 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_hostmonow

 1414 e2blit_noshft_565                                    00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_noshft_565

 1415 e2blit_noshft_1555                                   00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_noshft_1555

 1416 e2blit_noshft_8888                                   00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_noshft_8888

 1417 e2blit_noshft_ci8                                    00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_noshft_ci8

 1418 e2blit_offscreen                                     00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_offscreen

 1419 e2blit_offset_565                                    00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_offset_565

 1420 e2blit_offset_1555                                   00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_offset_1555

 1421 e2blit_offset_8888                                   00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_offset_8888

 1422 e2blit_offset_ci8                                    00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_offset_ci8

 1423 e2blit_pitch_565                                     00:00:12 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_pitch_565

 1424 e2blit_pitch_1555                                    00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_pitch_1555

 1425 e2blit_pitch_8888                                    00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_pitch_8888

 1426 e2blit_pix_order_565                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_pix_order_565
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 1427 e2blit_pix_order_1555                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_pix_order_1555

 1428 e2blit_pix_order_8888                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_pix_order_8888

 1429 e2blit_pix_order_ci8                               00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_pix_order_ci8

 1430 e2blit_qdrnt_cc                                    00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_qdrnt_cc

 1431 e2blit_qdrnt_cc_565                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_qdrnt_cc_565

 1432 e2blit_qdrnt_cc_1555                               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_qdrnt_cc_1555

 1433 e2blit_qdrnt_cc_ci8                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_qdrnt_cc_ci8

 1434 e2blit_raster_order                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_raster_order

 1435 e2blit_raster_orderb                               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_raster_orderb

 1436 e2blit_shftL_565                                   00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_shftL_565

 1437 e2blit_shftL_1555                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_shftL_1555

 1438 e2blit_shftL_8888                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_shftL_8888

 1439 e2blit_shftL_ci8                                   00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_shftL_ci8

 1440 e2blit_shftR_565                                   00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_shftR_565

 1441 e2blit_shftR_1555                                  00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_shftR_1555

 1442 e2blit_shftR_8888                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_shftR_8888
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 1443 e2blit_shftR_ci8                                  00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_shftR_ci8

 1444 e2blit_src_565                                    00:00:27 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_src_565

 1445 e2blit_src_565a                                   00:00:22 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_src_565a

 1446 e2blit_src_565b                                   00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_src_565b

 1447 e2blit_src_565c                                   00:00:13 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_src_565c

 1448 e2blit_src_8888                                   00:00:20 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_src_8888

 1449 e2blit_src_8888_sdest                             00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_src_8888_sdest

 1450 e2blit_src_8888_smono                             00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_src_8888_smono

 1451 e2blit_src_8888a                                  00:00:15 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_src_8888a

 1452 e2blit_src_8888b                                  00:00:12 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_src_8888b

 1453 e2blit_src_8888d                                  00:00:13 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_src_8888d

 1454 e2blit_src_ci8                                    00:00:19 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_src_ci8

 1455 e2blit_src_ci8_smono                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_src_ci8_smono

 1456 e2blit_src_ci8_smonom                             00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_src_ci8_smonom

 1457 e2blit_src_ci8a                                   00:00:14 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_src_ci8a

 1458 e2blit_src_ci8b                                   00:00:14 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_src_ci8b
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 1459 e2blit_walk_565                                    00:00:13 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_walk_565

 1460 e2blit_walk_1555                                   00:00:12 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_walk_1555

 1461 e2blit_walk_8888                                   00:00:13 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_walk_8888

 1462 e2blit_walk_ci8                                    00:00:12 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_walk_ci8

 1463 e2blit_walk_srcdst                                 00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_walk_srcdst

 1464 e2blit_wh_8888                                     00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blit_wh_8888

 1465 e2blits_565                                        00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2blits_565

 1466 e2brush                                            00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2brush

 1467 e2brush_8x8clr                                     00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2brush_8x8clr

 1468 e2brush_8x8clr_565                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2brush_8x8clr_565

 1469 e2brush_8x8clr_1555                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2brush_8x8clr_1555

 1470 e2brush_8x8clr_ci8                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2brush_8x8clr_ci8

 1471 e2brush_8x8mmask                                   00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2brush_8x8mmask

 1472 e2brush_8x8mmask_565                               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2brush_8x8mmask_565

 1473 e2brush_8x8mmask_1555                              00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2brush_8x8mmask_1555

 1474 e2brush_8x8mmask_ci8                               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2brush_8x8mmask_ci8
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 1475 e2brush_8x8mono                                    00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2brush_8x8mono

 1476 e2brush_8x8mono_565                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2brush_8x8mono_565

 1477 e2brush_8x8mono_1555                               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2brush_8x8mono_1555

 1478 e2brush_8x8mono_ci8                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2brush_8x8mono_ci8

 1479 e2brush_32x1line                                   00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2brush_32x1line

 1480 e2brush_32x1line_565                               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2brush_32x1line_565

 1481 e2brush_32x1line_1555                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2brush_32x1line_1555

 1482 e2brush_32x1line_ci8                               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2brush_32x1line_ci8

 1483 e2brush_32x1linemask                               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2brush_32x1linemask

 1484 e2brush_32x1linemask_565                           00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2brush_32x1linemask_565

 1485 e2brush_32x1linemask_1555                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2brush_32x1linemask_1555

 1486 e2brush_32x1linemask_ci8                           00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2brush_32x1linemask_ci8

 1487 e2brush_565                                        00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2brush_565

 1488 e2brush_1555                                       00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2brush_1555

 1489 e2brush_address                                    00:00:15 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2brush_address

 1490 e2brush_address_565                                00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2brush_address_565
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 1491 e2brush_address_1555                                  00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2brush_address_1555

 1492 e2brush_address_ci8                                   00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2brush_address_ci8

 1493 e2brush_ci8                                           00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2brush_ci8

 1494 e2brush_solid                                         00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2brush_solid

 1495 e2brush_solid_565                                     00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2brush_solid_565

 1496 e2brush_solid_1555                                    00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2brush_solid_1555

 1497 e2brush_solid_ci8                                     00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2brush_solid_ci8

 1498 e2brush_solidline                                     00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2brush_solidline

 1499 e2brush_solidline_565                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2brush_solidline_565

 1500 e2brush_solidline_1555                                00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2brush_solidline_1555

 1501 e2brush_solidline_ci8                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2brush_solidline_ci8

 1502 e2cache1                                              00:00:12 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2cache1

 1503 e2cache2                                              00:00:12 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2cache2

 1504 e2cache4                                              00:00:17 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2cache4

 1505 e2cache5                                              00:00:14 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2cache5

 1506 e2cache6                                              00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2cache6
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1507 e2cache7                                          00:00:13 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2cache7

1508 e2cache8                                          00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2cache8

1509 e2dst_scssr_565                                   00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2dst_scssr_565

1510 e2dst_scssr_1555                                  00:00:10 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2dst_scssr_1555

1511 e2dst_scssr_8888                                  00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2dst_scssr_8888

1512 e2dst_scssr_ci8                                   00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2dst_scssr_ci8

1513 e2endian_fb                                       00:00:15 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2endian_fb

1514 e2endian_agp                                      00:00:13 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2endian_agp

1515 e2endian_host                                     00:00:16 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2endian_host

1516 e2lilblit                                         00:00:10 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2lilblit

1517 e2lilblit_line                                    00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2lilblit_line

1518 e2line_box                                        00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2line_box

1519 e2line_bridgeB                                    00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2line_bridgeB

1520 e2line_bridgeBL                                   00:00:10 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2line_bridgeBL

1521 e2line_bridgeBR                                   00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2line_bridgeBR

1522 e2line_bridgeL                                    00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2line_bridgeL
```

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 1523 e2line_bridgeLRTB                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2line_bridgeLRTB

 1524 e2line_bridgeR                                     00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2line_bridgeR

 1525 e2line_bridgeT                                     00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2line_bridgeT

 1526 e2line_bridgeTL                                    00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2line_bridgeTL

 1527 e2line_bridgeTR                                    00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2line_bridgeTR

 1528 e2line_hori565                                     00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2line_hori565

 1529 e2line_hori1555                                    00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2line_hori1555

 1530 e2line_hori8888                                    00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2line_hori8888

 1531 e2line_horici8                                     00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2line_horici8

 1532 e2line_horishort565                                00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2line_horishort565

 1533 e2line_horishort1555                               00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2line_horishort1555

 1534 e2line_horishort8888                               00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2line_horishort8888

 1535 e2line_horishortci8                                00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2line_horishortci8

 1536 e2line_nobridge                                    00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2line_nobridge

 1537 e2line_offscreen                                   00:00:12 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2line_offscreen

 1538 e2line_patcount                                    00:00:12 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2line_patcount
```

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 1539 e2line_patcount_565                                00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2line_patcount_565

 1540 e2line_patcount_1555                               00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2line_patcount_1555

 1541 e2line_patcount_ci8                                00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2line_patcount_ci8

 1542 e2line_patcount_poly_565                           00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2line_patcount_poly_565

 1543 e2line_patcount_poly_ci8                           00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2line_patcount_poly_ci8

 1544 e2line_ptrn                                        00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2line_ptrn

 1545 e2line_ptrnplaid                                   00:00:12 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2line_ptrnplaid

 1546 e2line_star                                        00:00:12 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2line_star

 1547 e2line_vert565                                     00:00:12 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2line_vert565

 1548 e2line_vert1555                                    00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2line_vert1555

 1549 e2line_vert8888                                    00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2line_vert8888

 1550 e2line_vertci8                                     00:00:12 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2line_vertci8

 1551 e2line_vertshort565                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2line_vertshort565

 1552 e2line_vertshort1555                               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2line_vertshort1555

 1553 e2line_vertshort8888                               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2line_vertshort8888

 1554 e2line_vertshortci8                                00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2line_vertshortci8
```

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 1555 e2line_zeropixel                                    00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2line_zeropixel

 1556 e2max_values_height                                 00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2max_values_height

 1557 e2max_values_offset                                 00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2max_values_offset

 1558 e2max_values_width                                  00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2max_values_width

 1559 e2max_values_xy                                     00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2max_values_xy

 1560 e2rop_00_0f                                         00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2rop_00_0f

 1561 e2rop_10_1f                                         00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2rop_10_1f

 1562 e2rop_20_2f                                         00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2rop_20_2f

 1563 e2rop_30_3f                                         00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2rop_30_3f

 1564 e2rop_40_4f                                         00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2rop_40_4f

 1565 e2rop_50_5f                                         00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2rop_50_5f

 1566 e2rop_60_6f                                         00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2rop_60_6f

 1567 e2rop_70_7f                                         00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2rop_70_7f

 1568 e2rop_80_8f                                         00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2rop_80_8f

 1569 e2rop_90_9f                                         00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2rop_90_9f

 1570 e2rop_a0_af                                         00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2rop_a0_af
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 1571 e2rop_b0_bf                                        00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2rop_b0_bf

 1572 e2rop_c0_cf                                        00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2rop_c0_cf

 1573 e2rop_d0_df                                        00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2rop_d0_df

 1574 e2rop_e0_ef                                        00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2rop_e0_ef

 1575 e2rop_f0_ff                                        00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2rop_f0_ff

 1576 e2scssr_flipped_blits_8888                         00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2scssr_flipped_blits_8888

 1577 e2scssr_flipped_lines                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2scssr_flipped_lines

 1578 e2scssr_none_565                                   00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2scssr_none_565

 1579 e2scssr_none_1555                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2scssr_none_1555

 1580 e2scssr_none_8888                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2scssr_none_8888

 1581 e2scssr_none_ci8                                   00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2scssr_none_ci8

 1582 e2scssr_within_565                                 00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2scssr_within_565

 1583 e2scssr_within_1555                                00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2scssr_within_1555

 1584 e2scssr_within_8888                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2scssr_within_8888

 1585 e2scssr_within_ci8                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2scssr_within_ci8

 1586 e2scssrB_565                                       00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2scssrB_565
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1587 e2scssrB_1555                                   00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2scssrB_1555

1588 e2scssrB_8888                                   00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2scssrB_8888

1589 e2scssrB_ci8                                    00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2scssrB_ci8

1590 e2scssrBL_565                                   00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2scssrBL_565

1591 e2scssrBL_1555                                  00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2scssrBL_1555

1592 e2scssrBL_8888                                  00:00:10 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2scssrBL_8888

1593 e2scssrBL_ci8                                   00:00:10 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2scssrBL_ci8

1594 e2scssrBR_565                                   00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2scssrBR_565

1595 e2scssrBR_1555                                  00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2scssrBR_1555

1596 e2scssrBR_8888                                  00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2scssrBR_8888

1597 e2scssrBR_ci8                                   00:00:10 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2scssrBR_ci8

1598 e2scssrL_565                                    00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2scssrL_565

1599 e2scssrL_1555                                   00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2scssrL_1555

1600 e2scssrL_8888                                   00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2scssrL_8888

1601 e2scssrL_ci8                                    00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2scssrL_ci8

1602 e2scssrLRTB_565                                 00:00:12 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2scssrLRTB_565
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1603 e2scssrLRTB_1555                                  00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2scssrLRTB_1555

1604 e2scssrLRTB_8888                                  00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2scssrLRTB_8888

1605 e2scssrLRTB_ci8                                   00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2scssrLRTB_ci8

1606 e2scssrR_565                                      00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2scssrR_565

1607 e2scssrR_1555                                     00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2scssrR_1555

1608 e2scssrR_8888                                     00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2scssrR_8888

1609 e2scssrR_ci8                                      00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2scssrR_ci8

1610 e2scssrT_565                                      00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2scssrT_565

1611 e2scssrT_1555                                     00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2scssrT_1555

1612 e2scssrT_8888                                     00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2scssrT_8888

1613 e2scssrT_ci8                                      00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2scssrT_ci8

1614 e2scssrTL_565                                     00:00:10 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2scssrTL_565

1615 e2scssrTL_1555                                    00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2scssrTL_1555

1616 e2scssrTL_8888                                    00:00:10 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2scssrTL_8888

1617 e2scssrTL_ci8                                     00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2scssrTL_ci8

1618 e2scssrTR_565                                     00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2scssrTR_565
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 1619 e2scssrTR_1555                                    00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2scssrTR_1555

 1620 e2scssrTR_8888                                    00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2scssrTR_8888

 1621 e2scssrTR_ci8                                     00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2scssrTR_ci8

 1622 e2src_scssrB                                      00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2src_scssrB

 1623 e2src_scssrB_565                                  00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2src_scssrB_565

 1624 e2src_scssrB_1555                                 00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2src_scssrB_1555

 1625 e2src_scssrB_ci8                                  00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2src_scssrB_ci8

 1626 e2src_scssrBR                                     00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2src_scssrBR

 1627 e2src_scssrBR_565                                 00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2src_scssrBR_565

 1628 e2src_scssrBR_1555                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2src_scssrBR_1555

 1629 e2src_scssrBR_ci8                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2src_scssrBR_ci8

 1630 e2src_scssrR                                      00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2src_scssrR

 1631 e2src_scssrR_565                                  00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2src_scssrR_565

 1632 e2src_scssrR_1555                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2src_scssrR_1555

 1633 e2src_scssrR_ci8                                  00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2src_scssrR_ci8

 1634 e2srcsc_565                                       00:00:12 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2srcsc_565
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 1635 e2srcsc_8888                                    00:00:12 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2srcsc_8888

 1636 e2srcsc_ci8                                    00:00:12 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030124134529/e2srcsc_ci8

 1637 r400cp_2drotdst_hbl                            00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cp_2drotdst_hbl

 1638 r400cp_2drotdst_hbr                            00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cp_2drotdst_hbr

 1639 r400cp_2drotdst_htl                            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cp_2drotdst_htl

 1640 r400cp_2drotdst_htr                            00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cp_2drotdst_htr

 1641 r400cp_2drotdst_vbl                            00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cp_2drotdst_vbl

 1642 r400cp_2drotdst_vbr                            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cp_2drotdst_vbr

 1643 r400cp_2drotdst_vtl                            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cp_2drotdst_vtl

 1644 r400cp_2drotdst_vtr                            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cp_2drotdst_vtr

 1645 r400cp_2drotdst_host                           00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cp_2drotdst_host

 1646 r400cp_2drotsrc_eqofst                         00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cp_2drotsrc_eqofst

 1647 r400cp_2drotsrc_neqofst                        00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cp_2drotsrc_neqofst

 1648 r400cp_2dalphablend_sb                         00:00:27 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cp_2dalphablend_sb

 1649 r400cp_2dalphablend_abc                        00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cp_2dalphablend_abc

 1650 r400cp_2dalphablend_abs                        00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cp_2dalphablend_abs
```

```
 1651 r400cp_2dalphablend_abb                              00:00:13 mkelly PASS    mkelly
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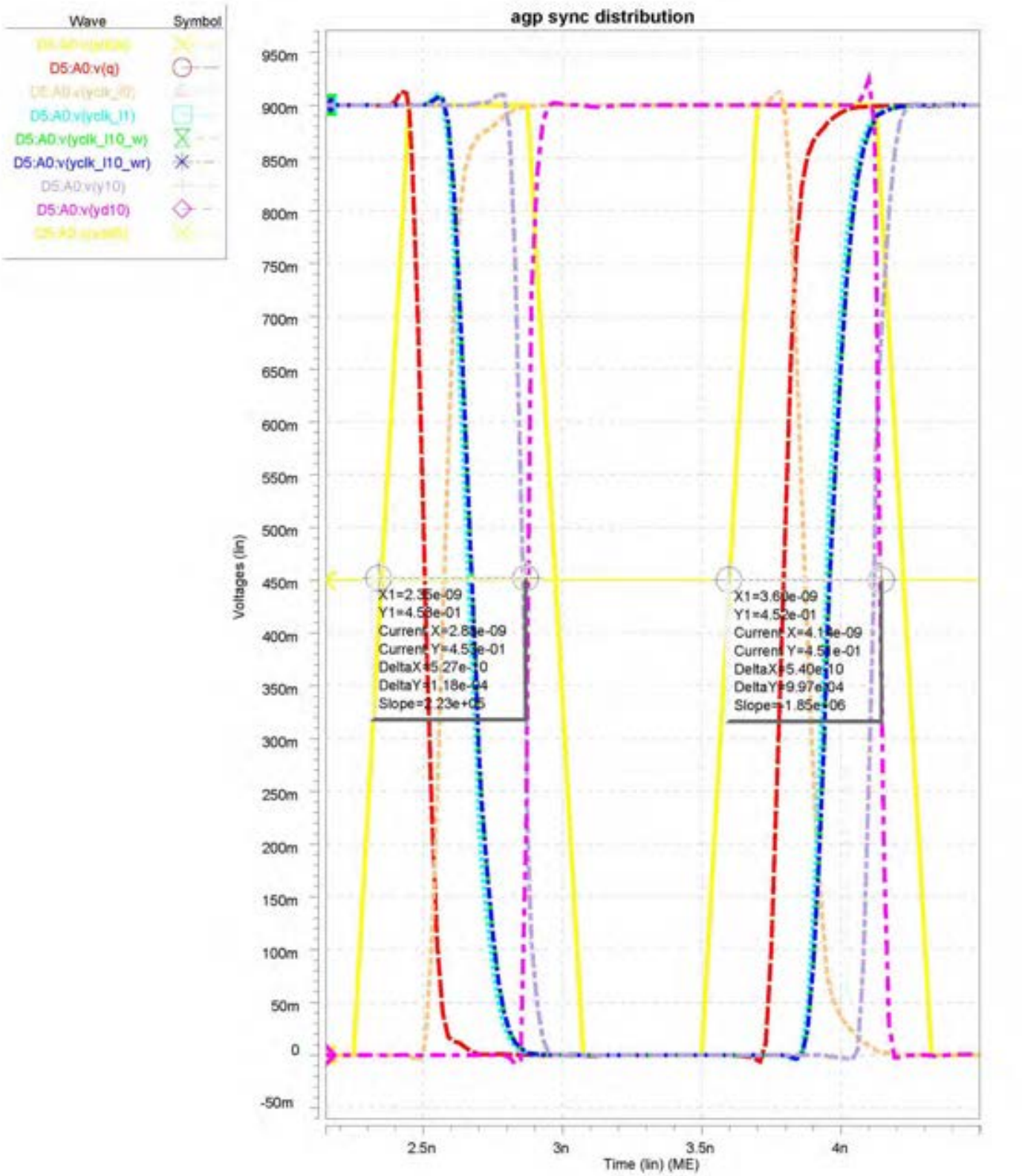
 1652 r400cp_2dalphablend_8888                             00:00:12 mkelly PASS    mkelly
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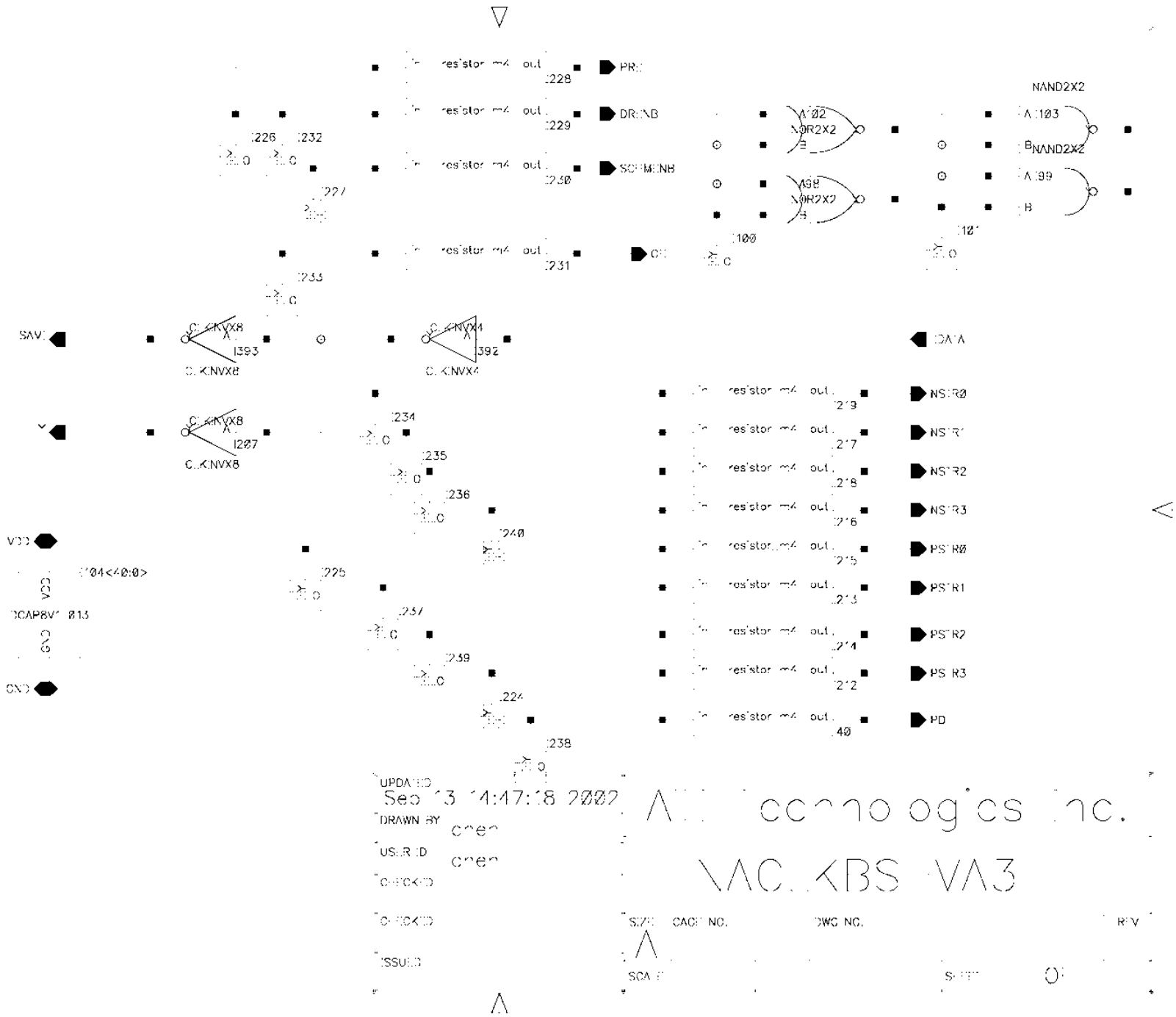
 1653 r400cp_2dalphablend_1555                             00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030124134529/r400cp_2dalphablend_1555

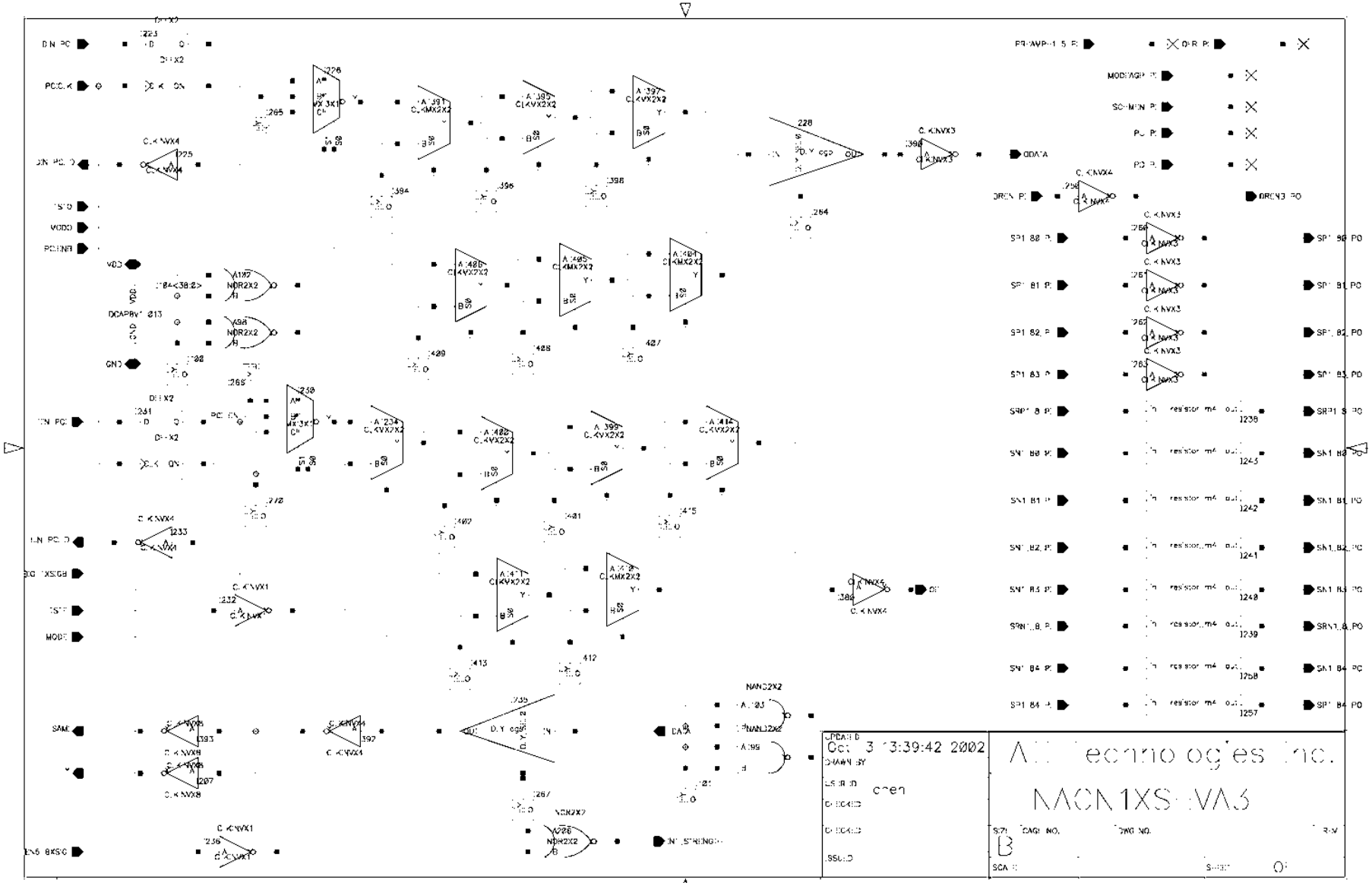
 1654 r400cp_registers                                     00:00:08 mkelly FAIL
 gold or cmp file mis
+-------------------------------------------------------------------------------------------
-------------------------------------+
                                                           08:36:41
```

+ Regression Summary:  R400 EMU SYNC mkelly
+ Date: Sat Jan 25 03:36:24 2003

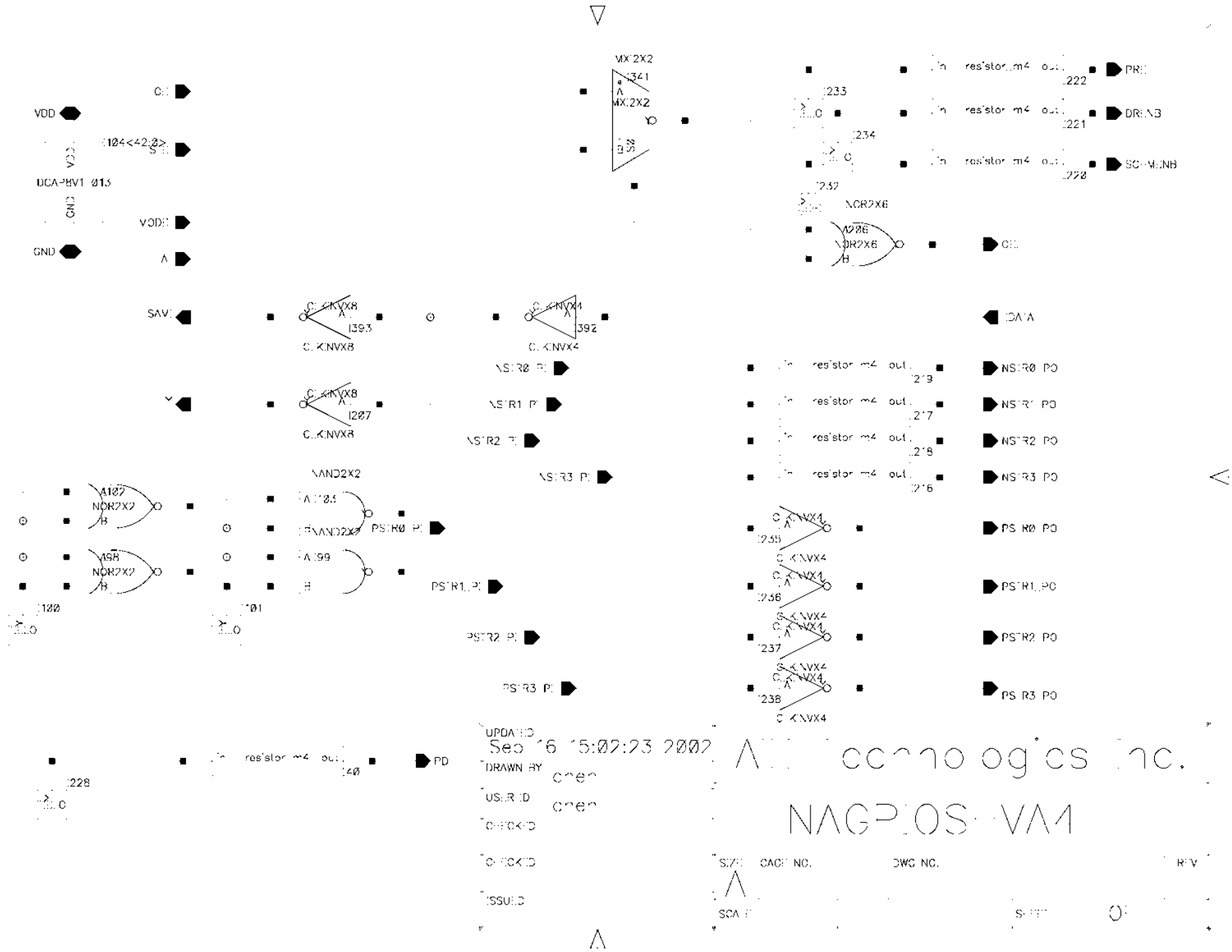
| UNIT | Total Tests | Tests Run | Tests Pass | %Pass |
|---|---|---|---|---|
| SC | 398 | 395 | 389 | 98.48 |
| VGT | 233 | 233 | 196 | 84.12 |
| CL | 341 | 336 | 335 | 99.70 |
| SU | 148 | 147 | 137 | 93.20 |
| VTE | 39 | 38 | 37 | 97.37 |
| CP | 502 | 497 | 488 | 98.19 |
| RBBM | 0 | 0 | 0 | 0.00 |
| BUGS | 0 | 0 | 0 | 0.00 |
| SANITY | 1 | 1 | 1 | 100.00 |
| STRESS | 0 | 0 | 0 | 0.00 |
| PERF | 7 | 7 | 6 | 85.71 |
| TOTAL | 1669 | 1654 | 1589 | 96.07 |


agp sync distribution
Wave
Symbol
D5:A0:v(q)
D5:A0:v(yclk_l1)
D5:A0:v(yclk_l10_w)
D5:A0:v(yclk_l10_wr)
D5:A0:v(y10)
D5:A0:v(yd10)
950m
900m
850m
800m
750m
700m
650m
600m
550m
500m
450m
400m
350m
300m
250m
200m
150m
100m
50m
0
-50m
Voltages (lin)
2.5n
3n
3.5n
4n
Time (lin) (ME)
X1=2.35e-09
Y1=4.58e-01
CurrentX=2.88e-09
CurrentY=4.53e-01
DeltaX=5.27e-10
DeltaY=1.18e-04
Slope=2.23e+05
X1=3.60e-09
Y1=4.52e-01
CurrentX=4.13e-09
CurrentY=4.51e-01
DeltaX=5.40e-10
DeltaY=9.97e-04
Slope=1.85e+06

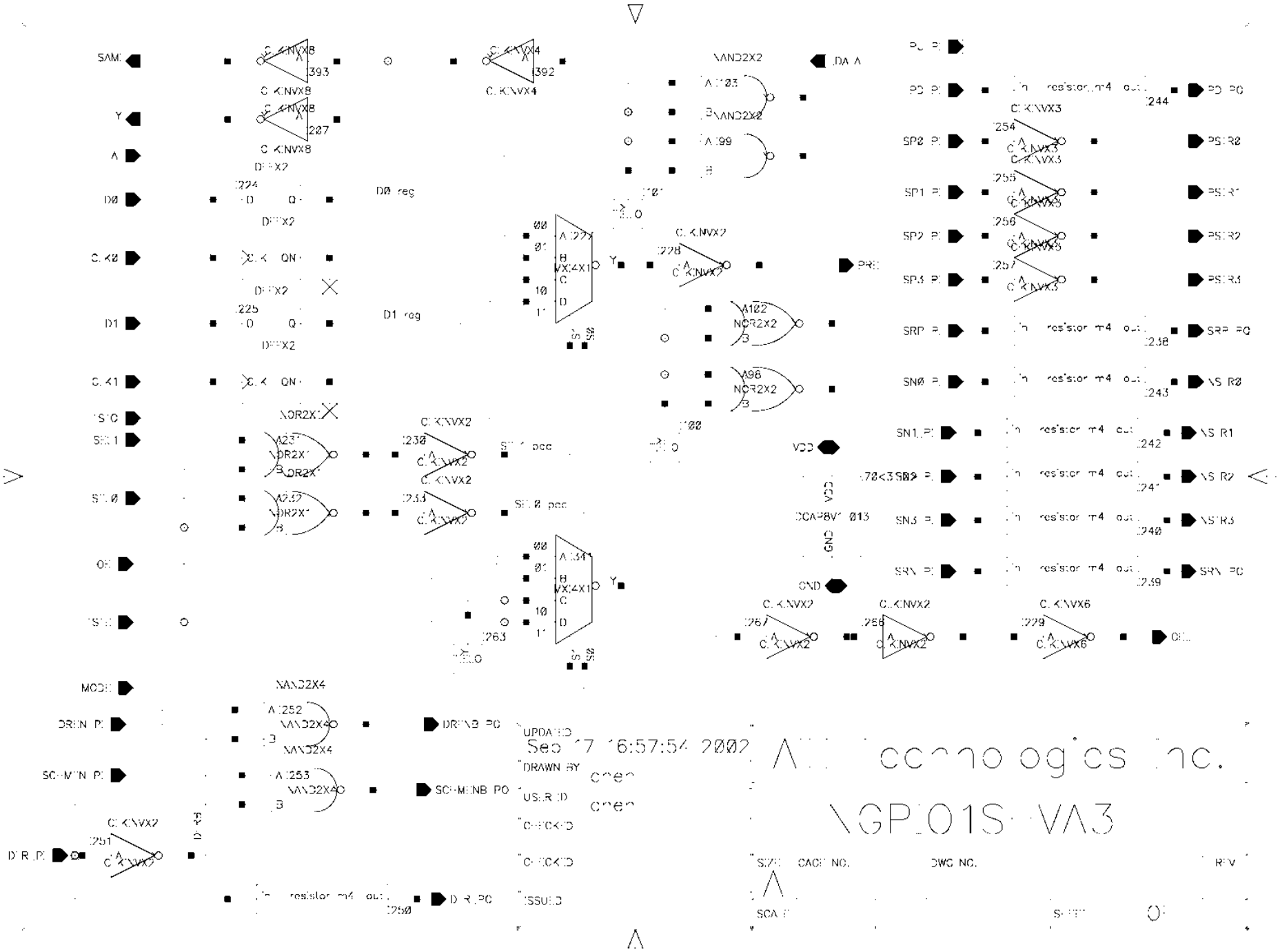

NAND2X2
NAND2X2
NOR2X2
NOR2X2
CLKINVX8
CLKINVX8
CLKINVX8
CLKINVX4
CLKINVX4
DATA
NSTR0
NSTR1
NSTR2
NSTR3
PSTR0
PSTR1
PSTR2
PSTR3
PD
PRE
DRVNB
SCHMENB
OE
SAVE
VDD
VSS
GND
DCAP8V1
UPDATED
Sep 13 14:47:18 2002
DRAWN BY
USER ID
CHECKED
CHECKED
ISSUED
ATI Technologies Inc.
MACABS VA3
SIZE
CAGE NO.
DWG NO.
REV
SCALE
SHEET



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VDD
GND
A
SAV
MX2X2
NOR2X6
DATA
PD
DRAWN BY
USER ID
Sep 16 15:02:23 2002
NAGPOS_VAM

USER: lchen
DATE: Mon Sep 23 06:53:58 2002
PLOT SIZE: 8.17 x 10.57 Inches
Library: shivah_new
Cell: NGPIO1SHVA3
View: schematic
Plot Area: ((18.5 -15.9375) (29.5 -7.4375))

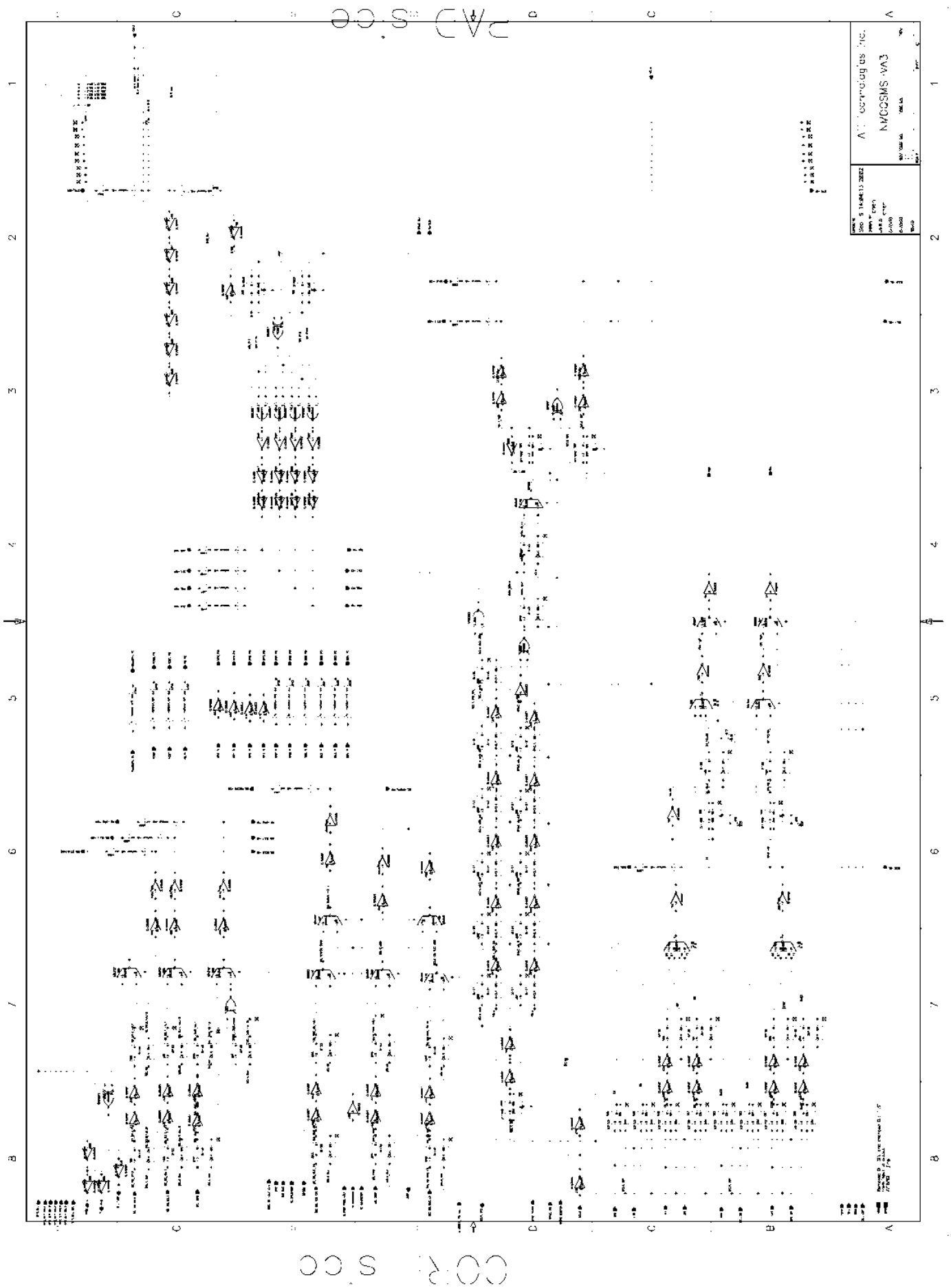



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USER: lchen
DATE: Tue Sep 24 09:50:32 2002
PLOT SIZE: 7.05 x 10.67 Inches
Library: shivah_new
Cell: NMDATASHVA3
View: schematic
Plot Area: ((-7.56875 -23.075)(27.08125 -0.1875))

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IPR2023-00922
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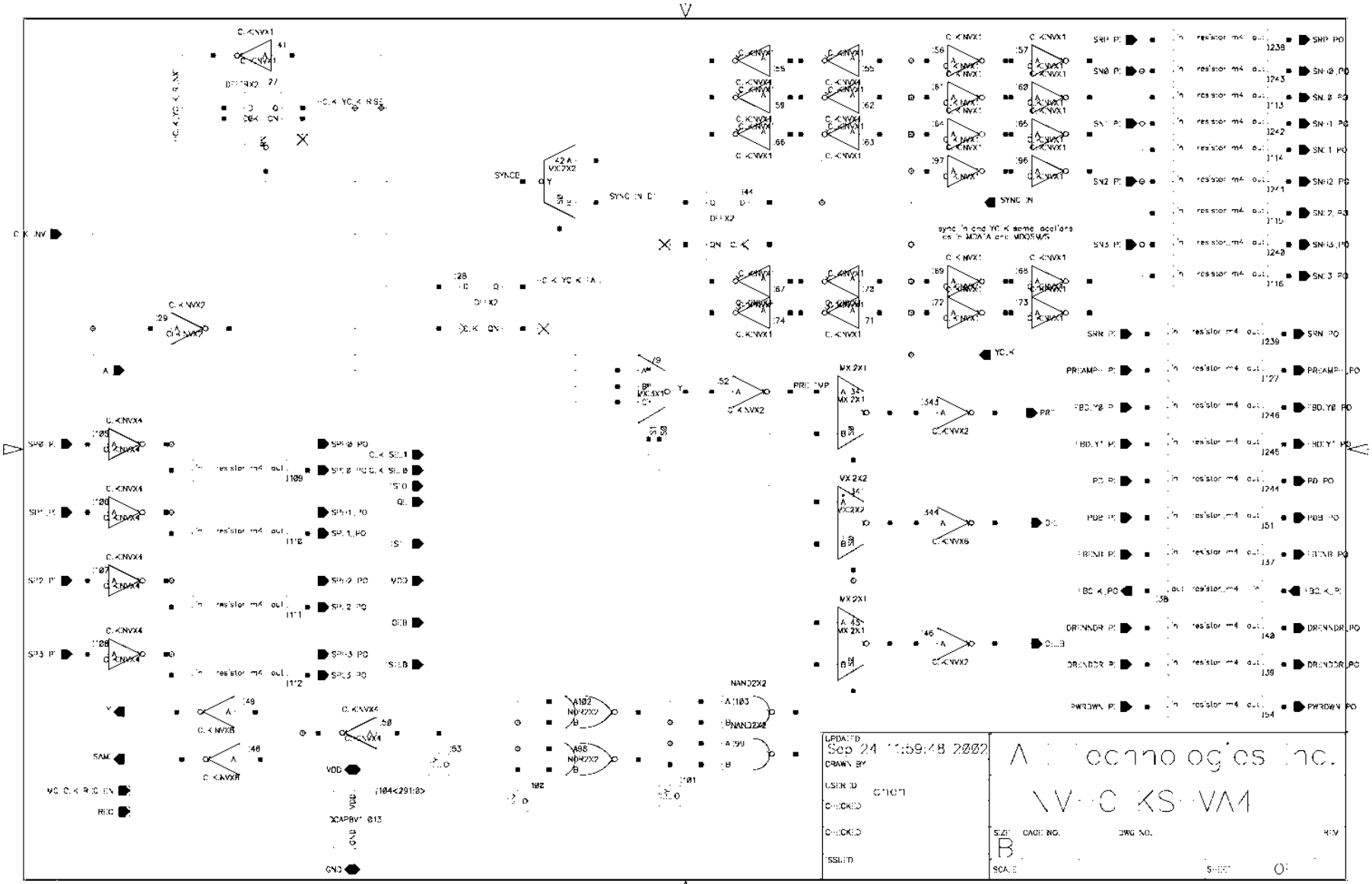
USER: lchen
DATE: Tue Sep 24 09:50:56 2002
PLOT SIZE: 7.85 x 10.67 Inches
Library: shivah_new
Cell: NMDQSMSHVA3
View: schematic
Plot Area: ((-12.19375 -23.1875) (34.01875 10.8125))

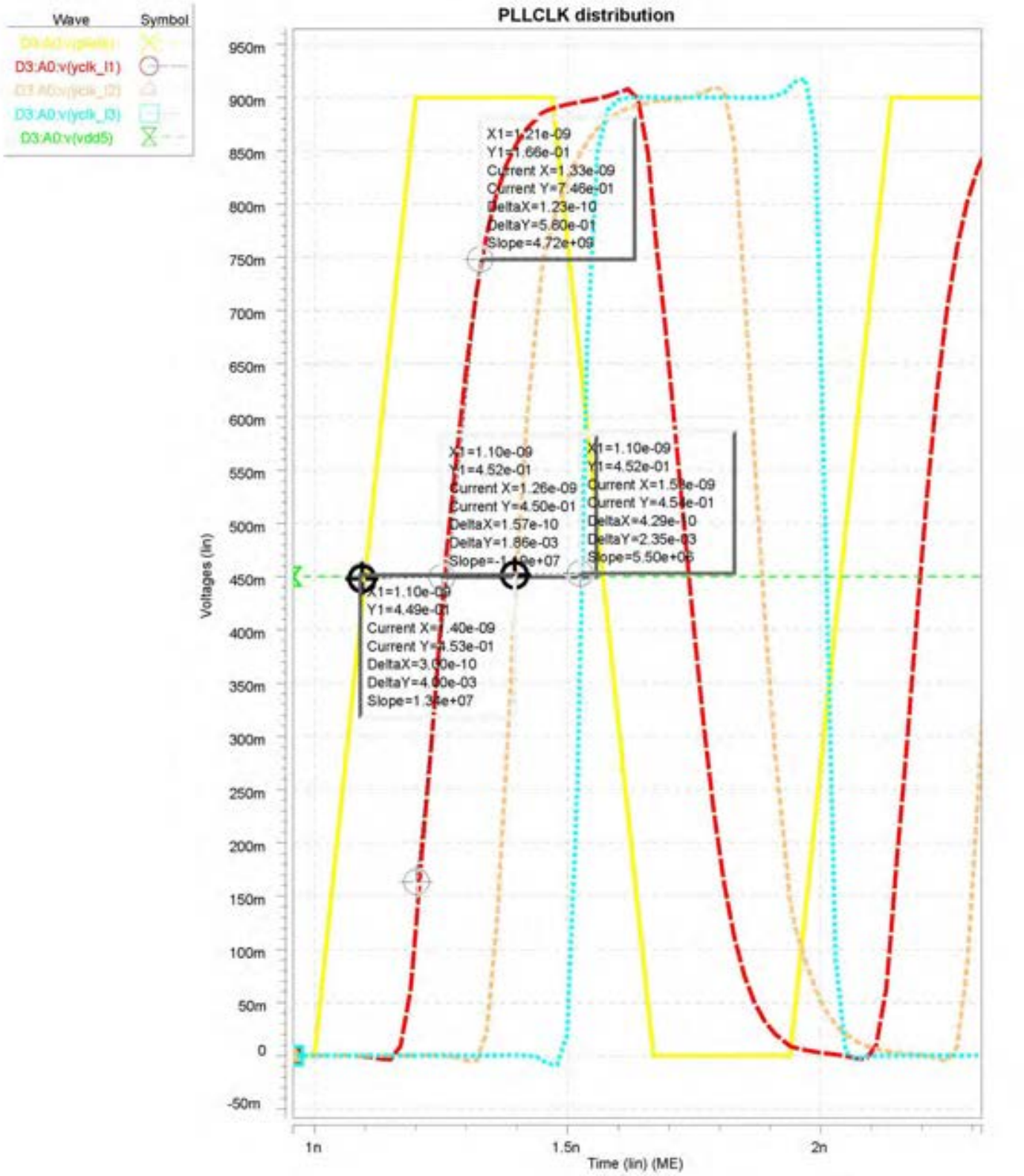


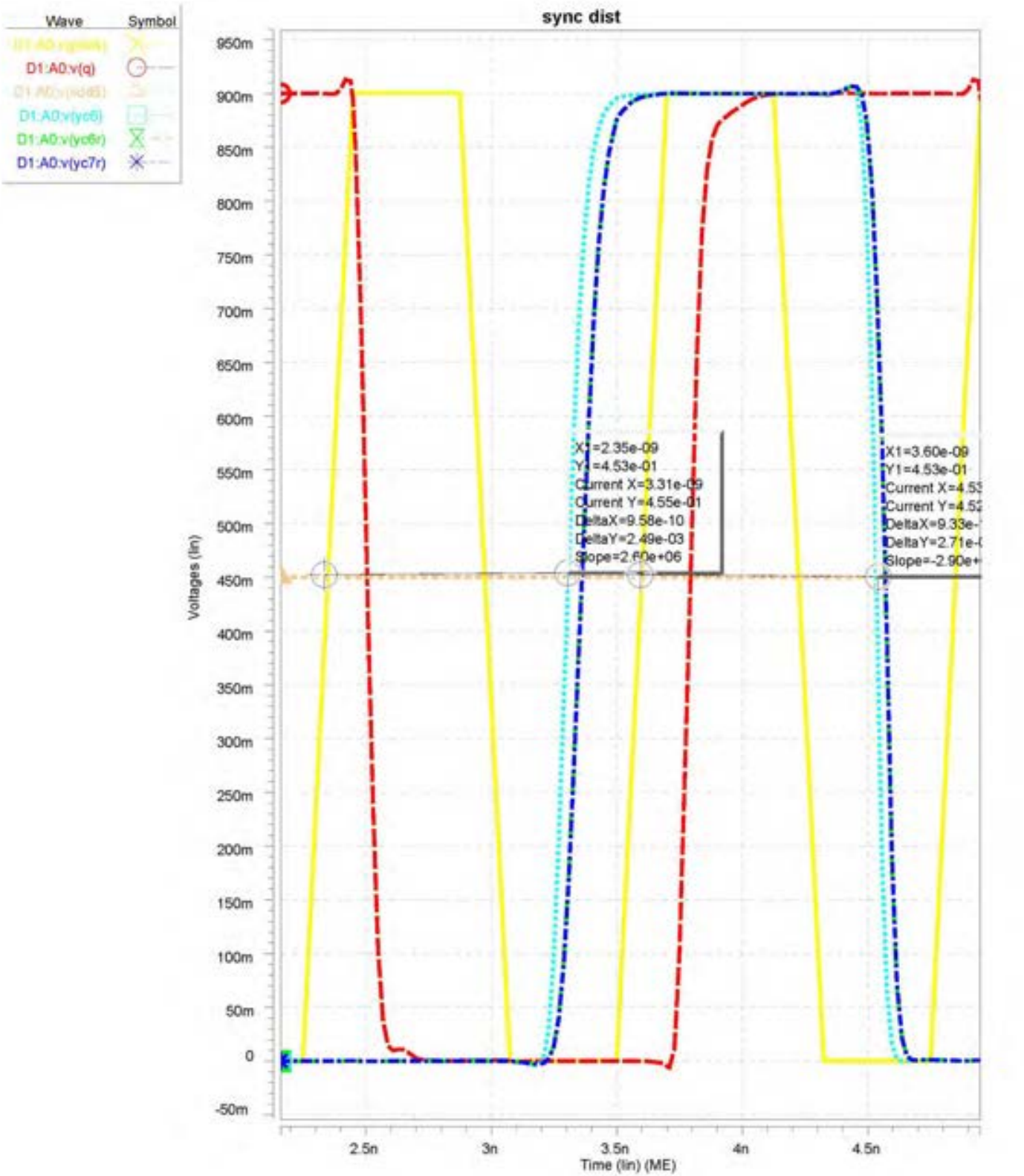
USER: lchen
DATE: Tue Sep 24 09:51:18 2002
PLOT SIZE: 7.85 x 10.67 Inches
Library: shivah_new
Cell: NMDQSSSHVA3
View: schematic
Plot Area: ((-12.19375 -23.1875) (34.01875 10.8125))

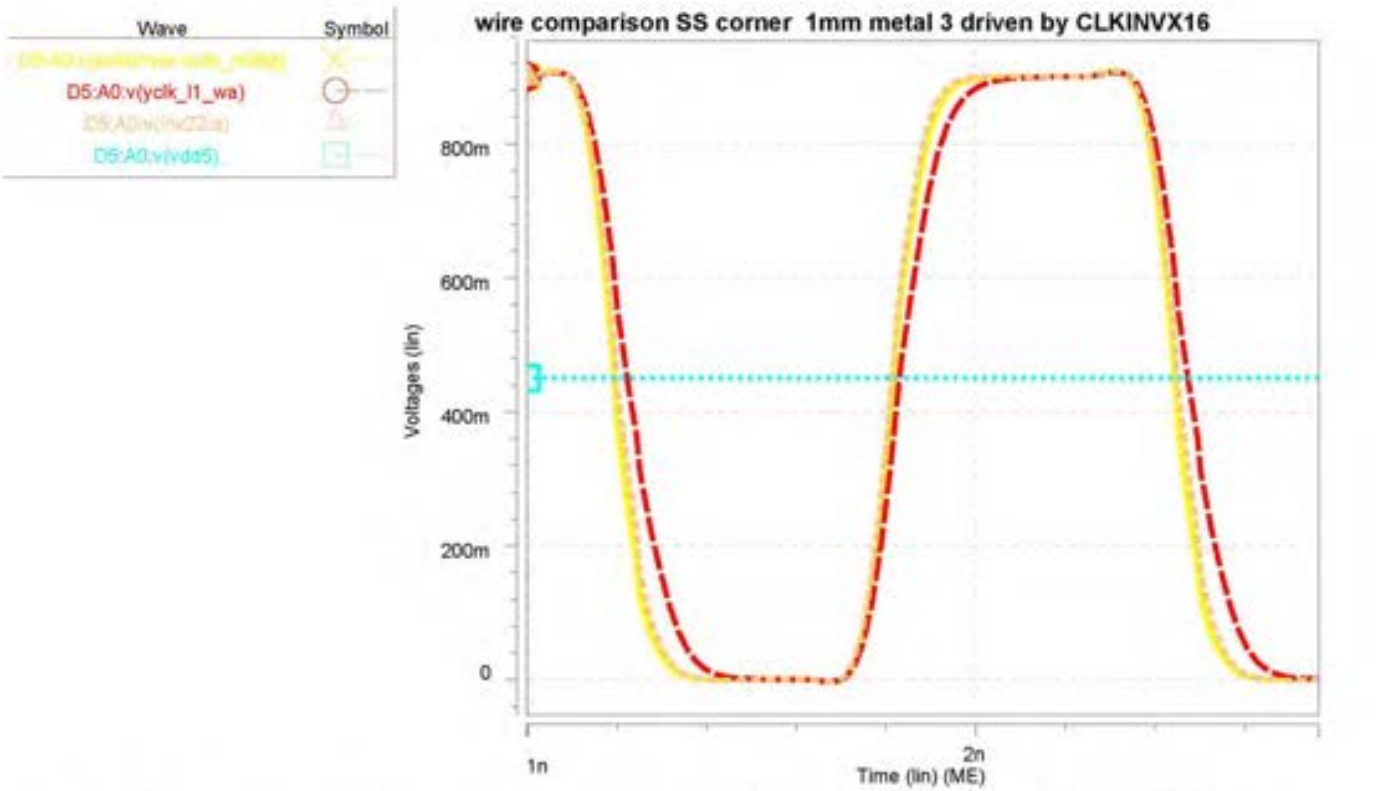
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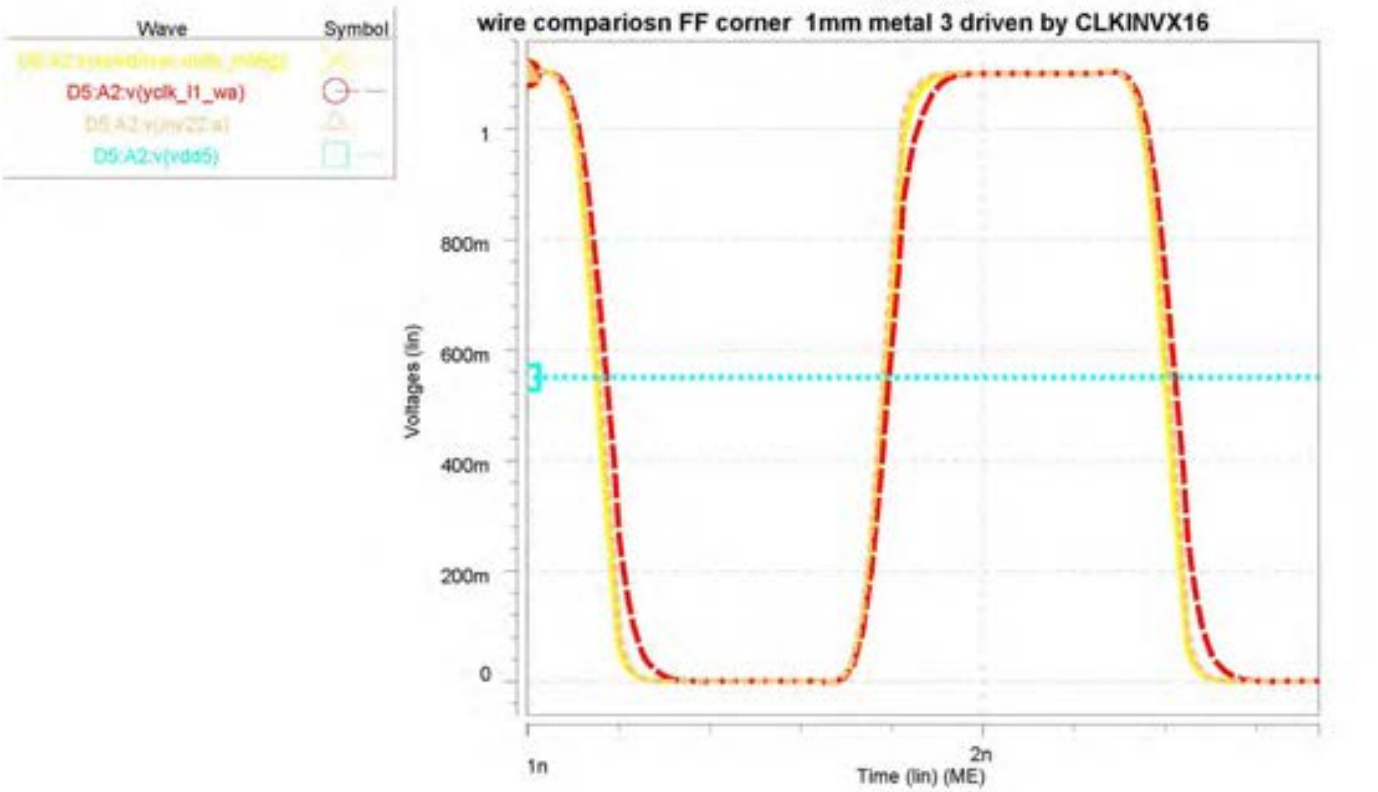
USER: lchen
DATE: Tue Sep 24 09:51:43 2002
PLOT SIZE: 6.90 x 10.67 Inches
Library: shivah_new
Cell: NMHCLKSHVA3
View: schematic
Plot Area: ((-8.75 -15.6875)(8.25 -4.6875))

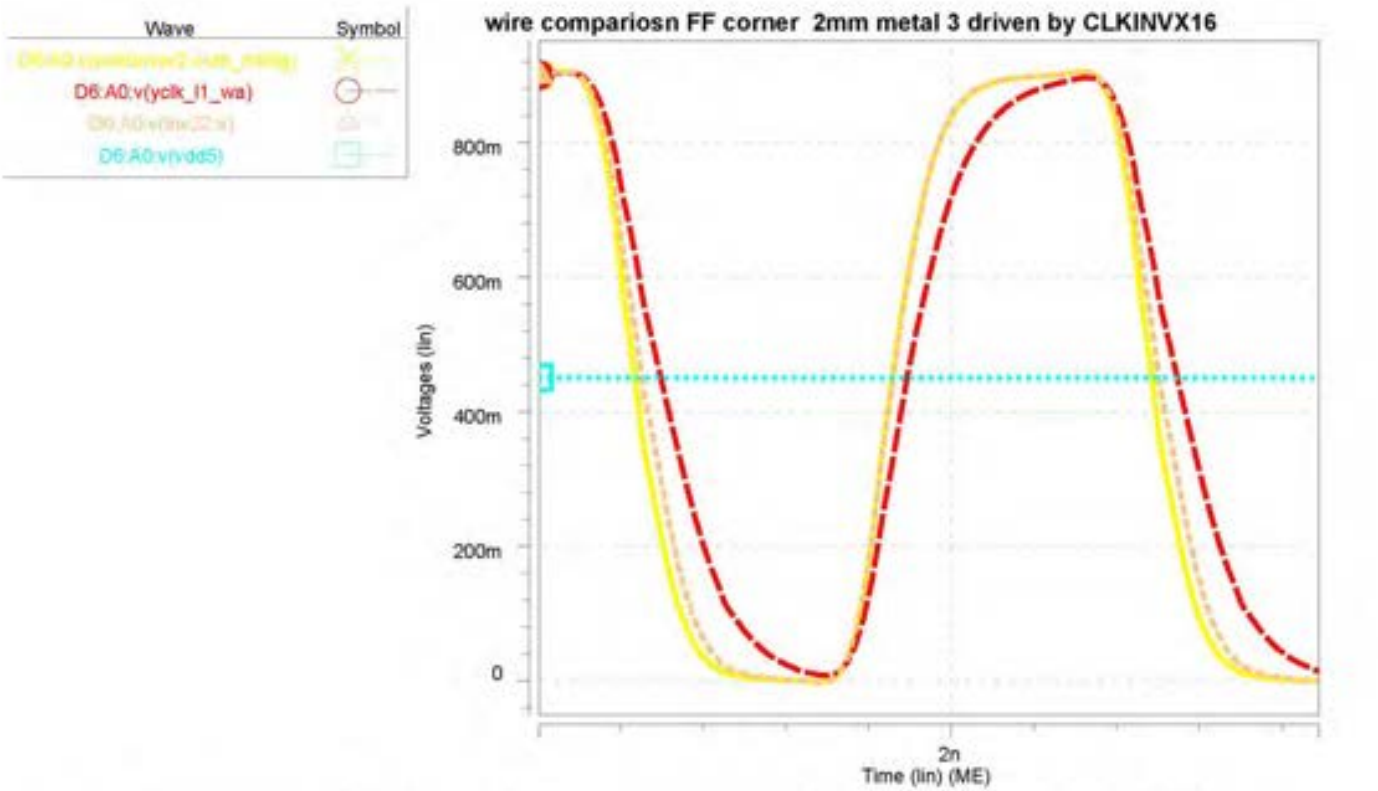

SYNC_IN
YCK
SRP PI
SRP PO
SRN PI
SRN PO
SYNC_IN
YCK
PREAMP_PI
PREAMP_PO
PBD.Y PI
PBD.Y PO
PD PI
PD PO
PBD PI
PBD PO
PBENB PI
PBENB PO
PBD_K_PI
PBD_K_PO
DRENDR PI
DRENDR PO
PWRDWN PI
PWRDWN PO
SAM
REC
VDD
GND
SP0 PI
SP1 PI
SP2 PI
SP3 PI
SP0 PO
SP1 PO
SP2 PO
SP3 PO
CLK SEL1
CLK SEL0
VDD
GND
MX2X1
MX2X2
NAND2X2
NOR2X2
DFFRX2
CLKINVX1
CLKINVX2
CLKINVX4
CLKINVX6
CLKINVX8
resistor_m4
LPDATED
Sep 24 11:59:48 2002
DRAWN BY
USER ID
CHECKED
CHECKED
ISSUED
SIZE
B
DWG NO.
REV
SCALE
SHEET
OF

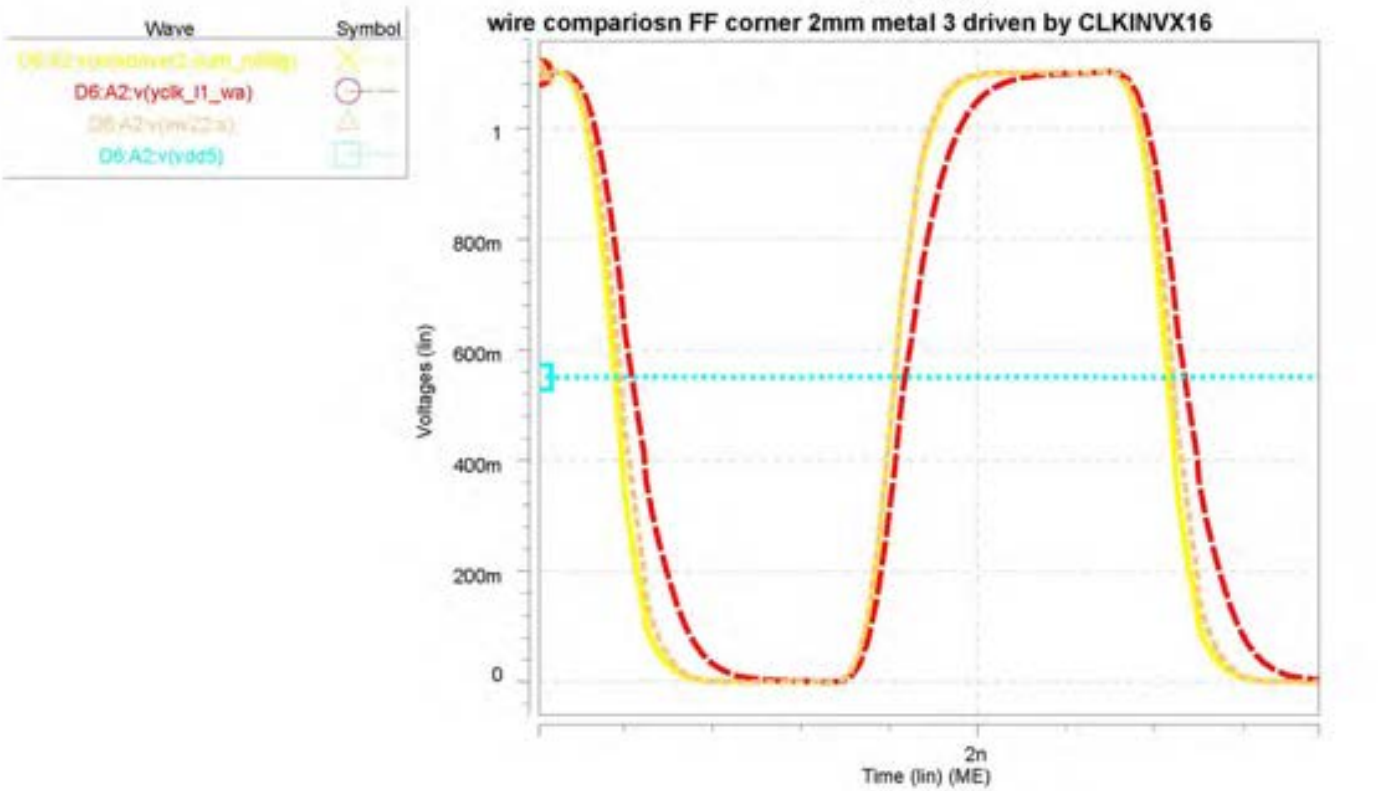

Wave
Symbol
D3:A0:v(yclk_I1)
D3:A0:v(yclk_I3)
D3:A0:v(vdd5)
PLLCLK distribution
X1=1.21e-09
Y1=1.66e-01
Current X=1.33e-09
Current Y=7.46e-01
DeltaX=1.23e-10
DeltaY=5.80e-01
Slope=4.72e+09
X1=1.10e-09
Y1=4.52e-01
Current X=1.26e-09
Current Y=4.50e-01
DeltaX=1.57e-10
DeltaY=1.86e-03
X1=1.10e-09
Y1=4.52e-01
Current X=1.58e-09
Current Y=4.54e-01
DeltaX=4.29e-10
DeltaY=2.35e-03
Slope=5.50e+06
X1=1.10e-09
Y1=4.49e-01
Current X=1.40e-09
Current Y=4.53e-01
DeltaX=3.00e-10
DeltaY=4.00e-03
Slope=1.33e+07
Voltages (lin)
950m
900m
850m
800m
750m
700m
650m
600m
550m
500m
450m
400m
350m
300m
250m
200m
150m
100m
50m
0
-50m
1n
1.5n
2n
Time (lin) (ME)

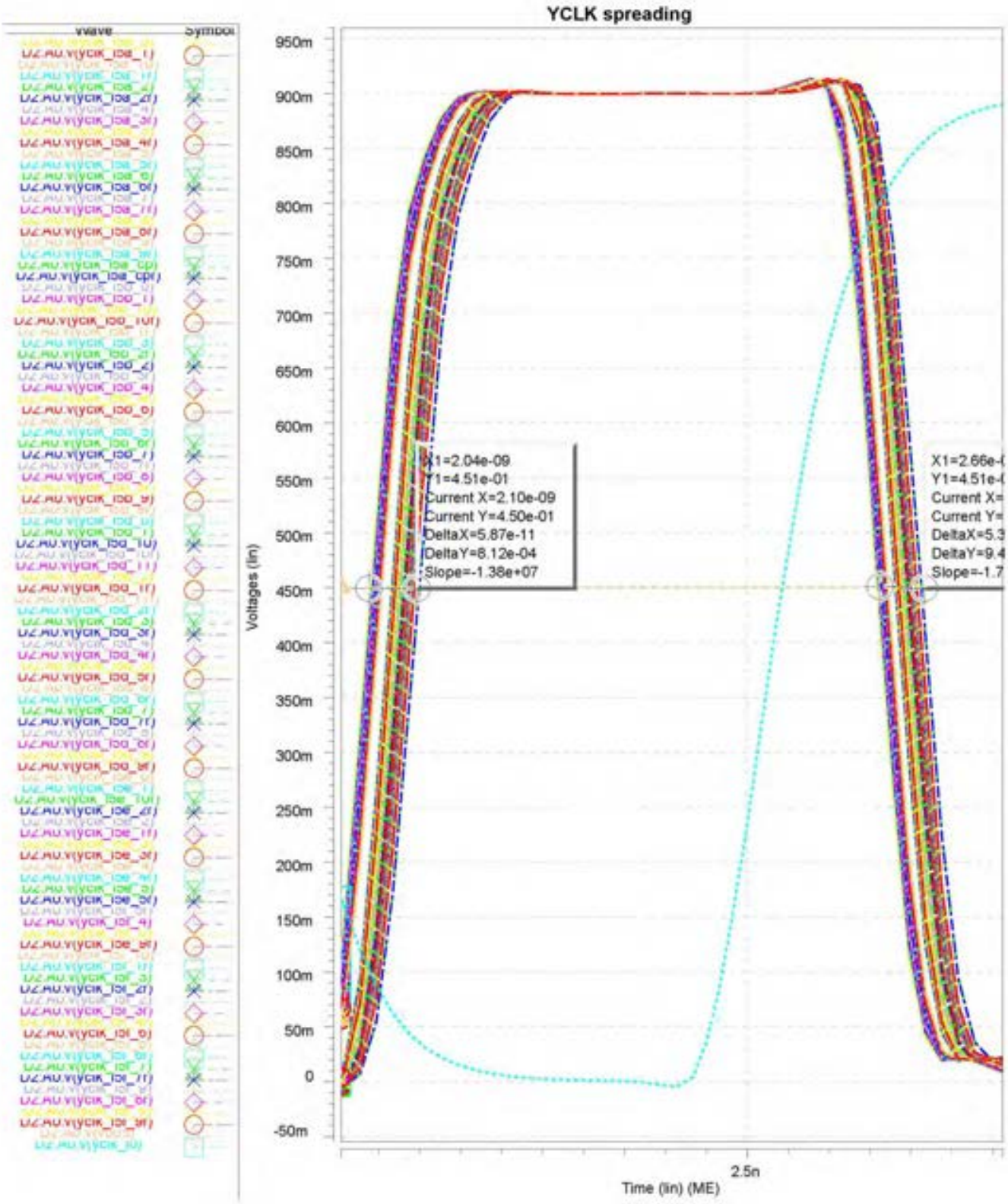

sync dist
Wave
Symbol
D1:A0:v(q)
D1:A0:v(yc6)
D1:A0:v(yc6r)
D1:A0:v(yc7r)
950m
900m
850m
800m
750m
700m
650m
600m
550m
500m
450m
400m
350m
300m
250m
200m
150m
100m
50m
0
-50m
Voltages (lin)
X1=2.35e-09
Y1=4.53e-01
Current X=3.31e-09
Current Y=4.55e-01
DeltaX=9.58e-10
DeltaY=2.49e-03
Slope=2.60e+06
X1=3.60e-09
Y1=4.53e-01
2.5n
3n
3.5n
4n
4.5n
Time (lin) (ME)

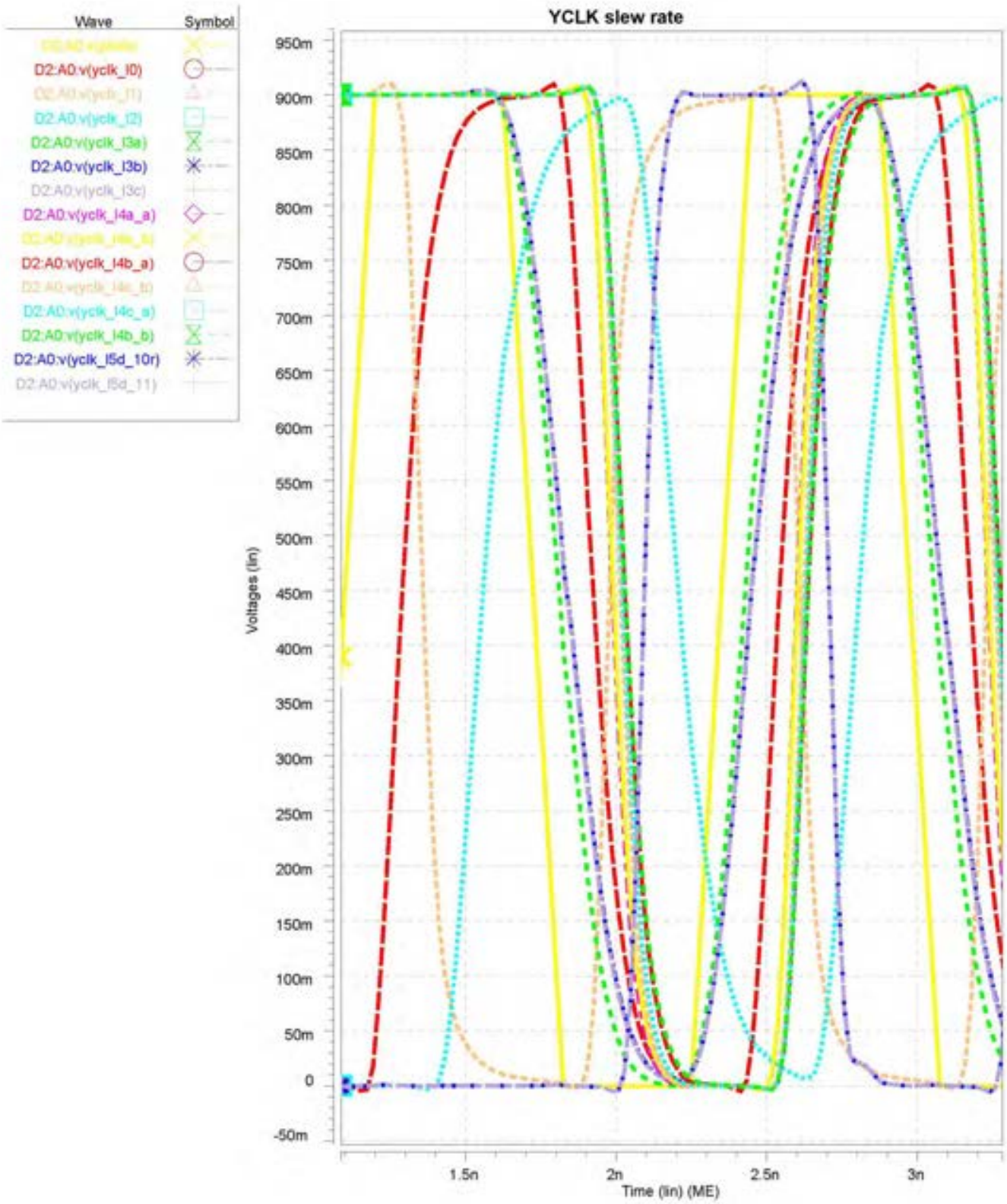

Wave
Symbol
D5:A0:v(yclk_l1_wa)
D5:A0:v(vdd5)
wire comparison SS corner 1mm metal 3 driven by CLKINVX16
800m
600m
400m
200m
0
Voltages (lin)
1n
2n
Time (lin) (ME)


Wave
Symbol
D5:A2:v(yclk_l1_wa)
D5:A2:v(vdd5)
wire compariosn FF corner 1mm metal 3 driven by CLKINVX16
1
800m
600m
400m
200m
0
Voltages (lin)
1n
2n
Time (lin) (ME)


Wave
Symbol
D6:A0:v(yclk_l1_wa)
D6:A0:v(vdd5)
wire compariosn FF corner 2mm metal 3 driven by CLKINVX16
800m
600m
400m
200m
0
Voltages (lin)
2n
Time (lin) (ME)


Wave
Symbol
D6:A2:v(yclk_l1_wa)
D6:A2:v(vdd5)
wire compariosn FF corner 2mm metal 3 driven by CLKINVX16
1
800m
600m
400m
200m
0
Voltages (lin)
2n
Time (lin) (ME)


YCLK spreading
Wave
Symbol
950m
900m
850m
800m
750m
700m
650m
600m
550m
500m
450m
400m
350m
300m
250m
200m
150m
100m
50m
0
-50m
Voltages (lin)
X1=2.04e-09
Y1=4.51e-01
Current X=2.10e-09
Current Y=4.50e-01
DeltaX=5.87e-11
DeltaY=8.12e-04
Slope=-1.38e+07
2.5n
Time (lin) (ME)


YCLK slew rate
Wave
Symbol
D2:A0:v(yclk_l0)
D2:A0:v(yclk_l2)
D2:A0:v(yclk_l3a)
D2:A0:v(yclk_l3b)
D2:A0:v(yclk_l3c)
D2:A0:v(yclk_l4a_a)
D2:A0:v(yclk_l4b_a)
D2:A0:v(yclk_l4c_a)
D2:A0:v(yclk_l4b_b)
D2:A0:v(yclk_l5d_10r)
D2:A0:v(yclk_l5d_11)
Voltages (lin)
950m
900m
850m
800m
750m
700m
650m
600m
550m
500m
450m
400m
350m
300m
250m
200m
150m
100m
50m
0
-50m
1.5n
2n
2.5n
3n
Time (lin) (ME)

**Author:** Orlando HOS Team (owner: Scott Hartog)

| **Issue To:** | **Copy No:** |
|---|---|

# R400 Vertex Grouper Tessellator (VGT)

## ver 0.991 (January 28, 2003)

**Overview:**
This describes the Vertex Grouper Tessellator (VGT) block for R400.

AUTOMATICALLY UPDATED FIELDS:
**Document Location:** C:\r400\doc_lib\design\blocks\pa\R400_VGT_Spec.doc
**Current Intranet Search Title** : R400 Vertex Grouper Tessellator (VGT)

| APPROVALS | |
|---|---|
| Name/Dept | Signature/Date |
| | |
| | |
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Revision Changes:

| | |
|---|---|
| **Rev 0.0 (Scott Hartog)**<br>Date: October 18,2001<br>Initial revision. | Document started |
| **Rev 0.9 (Scott Hartog)**<br>Date: March ,2002<br>Updated. | Converging on stable spec. Changes will be noted for subsequent check-ins. |
| **Rev 0.91 (Scott Hartog)**<br>Date: April 3,2002<br>Updated. | • changed VGT_SQ_end_of_vector to VGT_SQ_end_of_vtx_vect.<br>• changed VGT_PA_clip_p_start_vector to VGT_PA_clip_p_new_vtx_vect.<br>• fixed stride and shift entries for vector 0 in Major Mode 0 table.<br>• Updated the "Active Issues" list.<br>• Added the SWAP_MODE field to the DMA_SIZE register.<br>• Changed the implied value of bit 2 of the VGT_MH_ad interface from a zero to a one. This indicates that the VGT is always doing 256-bit requests. |
| **Rev 0.92 (Scott Hartog)**<br>Date: April 9,2002<br>Updated. | • Updated description of draw initiator fields ('source select' and 'index size') based on some behaviors learned from the emulator. |
| **Rev 0.93 (Scott Hartog)**<br>Date: April 30,2002<br>Updated. | • Added conversion method "VGT_GRP_FIX_1_23_TO_FLOAT" to the list of specifiable conversion methods in the register VGT_GROUP_VECT_0_FMT_CNTL. This conversion method is, at the time of this revision, used solely by the tessellation engine to convert interpolation weights from fixed point 1.23 format to 32-bit IEEE floating point.<br>• Added "RETAIN_ORDER" and "RETAIN_QUADS" fields to the register VGT_GROUP_PRIM_TYPE.<br>• Added description of how the prim type information flows through the VGT to section 5.2.1. |
| **Rev 0.94 (Scott Hartog)**<br>Date: May 3,2002<br>Updated. | • Fixed order of selections for VGT_OUTPUT_PATH_CNTL register. |
| **Rev 0.95 (Scott Hartog)**<br>Date: June 12,2002<br>Updated. | • Updated all register definitions to reflect new "driver friendly" address assignments. This was architecture-wide change made on 5/15/02.<br>• Changed GFX_COPY_STATE register description to reflect actual hardware implementation.<br>• Deleted GFX_PIPE_CNTL register.<br>• Added enumerations to the VGT_EVENT_INITIATOR register.<br>• Added section about restrictions for fields in VGT_GRP_PRIM_TYPE register.<br>• Removed TESS_INPUT_MODE field from VGT_HOS_CNTL register.<br>• Changed VGT_SQ interface (in agreement with Laurent Lefebvre) so that the VGT_SQ_end_of_vtx_vect and VGT_SQ_state signals are "don't care" if the VGT_SQ_continued signal is set. |
| **Rev 0.96 (Scott Hartog)**<br>Date: June 13,2002<br>Updated. | • Started programmer's guide section.<br>• Incorporated Brian Buchner's changes to the tessellation engine fixed function mode table. |
| **Rev 0.965 (Brian Buchner)**<br>Date: July 2,2002<br>Updated. | • In description of register VGT_HOS_MAX_TESS_LEVEL, changed valid discrete levels from 1 thru 15 inclusive to 1 thu 14 inclusive. |
| **Rev 0.966 (Scott Hartog)**<br>Date: July 29,2002<br>Updated. | • Changed address of register VGT_INDX_OFFSET from 0x404 to 0x408.<br>VGT_DRAW_INITIATOR from 0x7f4 to 0x7f0.<br>VGT_EVENT_INITIATOR from 0x7f0 to 0x7e4.<br>VGT_DMA_BASE from 0x7ec to 0x7e8.<br>VGT_DMA_SIZE from 0x7e8 to 0x7ec.<br>VGT_IMMED_DATA from 0x7e4 to 0x7f4 |
| **Rev 0.97 (Scott Hartog)**<br>Date: September 9,2002<br>Updated. | • Added section for determining the required input data size based on the draw initiator and the grouper programming registers.<br>• Added section on general sanity checks for grouper programming in major mode 1. |

**Rev 0.98 (Scott Hartog)**
Date: October 31,2002
Updated.

- Updated event enumeration to match block file (added several events).
- Added DI_PT_2D_TRI_STRIP to the prim type enumeration in the VGT_DRAW_INITIATOR register. Added VGT_GRP_2D_TRI enumeration to prim type field of VGT_GROUP_PRIM_TYPE register (and deleted some unused prim type enumerations).
- Updated Major Mode 0 settings table for 2D compond index changes. Added 2D_TRI_STRIP entry to this table.
- Changed address of many of the GFX registers registers to match addresses in the block file.
- Added VGT_MULTI_PRIM_IB_RESET_INDX register with description.
- Changed VGT_VTX_TIMEOUT_REG to VGT_ VGT_VTX_VECT_EJECT_REG register
- Added VGT_DMA_DATA_FIFO_DEPTH register
- Added VGT_DMA_REQ_FIFO_DEPTH register
- Added VGT_DRAW_INIT_FIFO_DEPTH register
- Added VGT_LAST_COPY_STATE register.
- Added section called "Draw Initiator Programming" containing two subsections: "Number of Indices" and "Using the Multi-prim Index Buffer Reset Functionality"

**Rev 0.99 (Scott Hartog)**
Date: January 8,2003
Updated.

- Added registers for performance monitoring and debug reads.
  - VGT_DEBUG_CNTL
  - VGT_DEBUG_DATA
  - VGT_PERFCOUNTER0_SELECT
  - VGT_PERFCOUNTER1_SELECT
  - VGT_PERFCOUNTER2_SELECT
  - VGT_PERFCOUNTER3_SELECT
  - VGT_PERFCOUNTER0_LOW
  - VGT_PERFCOUNTER0_HI
  - VGT_PERFCOUNTER1_LOW
  - VGT_PERFCOUNTER1_HI
  - VGT_PERFCOUNTER2_LOW
  - VGT_PERFCOUNTER2_HI
  - VGT_PERFCOUNTER3_LOW
  - VGT_PERFCOUNTER3_HI
- Deleted unused VGT_PASS_THRU_CNTL register.
- Changed VGT_HOS_CNTL.TESS_MODE field from 4 to 2 bits.
- Changed VGT_GROUP_PRIM_TYPE.PRIM_ORDER from 4 to 3 bits.
- Changed VGT_OUT_DEALLOC_CNTL.DEALLOC_DIST from 8 to 7 bits.
- Changed VGT_ENHANCE.MISC field from 1 to 16 bits.
- Updated VGT_CNTL_STATUS register.
- Enhanced programming guidelines for
  - VGT_GROUP_VECT_x_CNTL.STRIDE = ZERO
  - VGT_VERTEX_REUSE_BLOCK_CNTL.VTX_REUSE_DEPTH
  - VGT_OUT_DEALLOC_CNTL.DEALLOC_DIST
- Added programming section called " Programming for Disabled Pipes "
- Started programming section called " Programming for Major Mode 1"

**Rev 0.991 (Scott Hartog)**
Date: January 28,2003
Updated.

- Added table for legal and illegal interface states for VGT SQ interface

## Active Issues

- Event Initiator
- There is an open issue as to whether or not the Passthru block will handle a line loop, fan, or a polygon prim type. These prim types would cause the Passthru block to store a 6 component compound index (192 bits). POR is “no”
- How do we do vector processing (memory to memory with no rendering)?
- Mechanism for dropping shader pipes (programmable process vector size).
- Gated clocks
- Chained RBBM write bus.

## Closed Issues

- Grouping 2D packets (involves EOP suppression)
- Pipeline synchronization (state change/deallocation) — This requirement is understood and incorporated into the VGT.
- Support for R300 dual index mode? — This will not be explicitly supported in the VGT.
- Can shader export to two separate surfaces (surfaces with different base addresses)? This ability is required for adaptive tessellation. — Ownership of this issue has been moved to Vineet Goel. He is writing the shader programming guide for HOS evaluation in the R400.
- DMA swap field

## To Do

- Add State register for control of quad decomposition.
- For interfaces with ‘continued’ signals, accompanying control signals will be active one the first transaction and ignored on the following transaction.



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# Overview

## 1.1 Abbreviations Used in This Document

| | | |
|---|---|---|
| VGT | — | Vertex Grouper Tessellator |
| vtx | — | vertex |
| prim | — | primitive |
| tess | — | tessellation |
| HOS | — | higher order surface |
| PNT | — | point normal triangle |
| VSISR | — | Vertex Shader Input Staging Register |

## 1.2 Glossary of Relevant Terms

| | | |
|---|---|---|
| HOS | — | Higher order surface (generally used to represent a curved surface to some specific degree of accuracy with a smaller data set than the piece-wise triangle approach) |
| PNT | — | Point-Normal Triangle. A curved surface primitive defined by three position vectors and a normal to the surface at each position vector. |
| N-Patch | — | see PNT |
| Trueform | — | see PNT |
| RT-Patch | — | Rectangular (R) / Triangular (T) Bezier patch |
| Tessellation | — | the covering of a geometric plane without gaps or overlaps by congruent plane figures of one type or a few types (adapted from Webster's On-line Dictionary) |
| Continuous Tess | — | |
| Discrete Tess | — | |
| Adaptive Tess | — | |
| Superprim | — | Primitive from the API call (typically from the user's original model). In non-HOS mode, these are referred to simply as "primitives". |
| Superprim Vertex | — | Vertex from the API level (typically from the user's original model). In non-HOS mode, these are referred to simply as "vertices". |
| Subprim | — | Primitive created after the API call during tessellation |
| Subprim Vertex | — | Vertex created after the API call during tessellation. Note that a vertex can simultaneously be a Superprim Vertex and a Subprim Vertex. |
| External Vtx Index | — | |
| Internal Vtx Index | — | |
| Vertex Path | — | |
| Primitive Path | — | |

## 1.3 General Functions

The Vertex Grouper Tessellator block performs several functions for R400. They are discussed in the following sub-sections. The VGT is shown with its major interfaces in its R400 neighborhood in Figure 1 (page 12).

### 1.3.1 *Group Indices by Primitive*

In normal 3D primitive mode (and in some 3D primitive tessellation modes), the basic input to the VGT is a stream of vertex indices. The VGT uses the primitive type information (triangle list, triangle strip, line list, point list, etc...) from the VGT_DRAW_INITIATOR register (see section 6.2) to group together the vertices that form each primitive in the input stream. Depending on the VGT mode, the VGT may also assign an auto generated (sequential) primitive index to each primitive as it is grouped from the input stream. This primitive information flows through one of three paths in the VGT which are the Vertex Reuse Path, the Passthru Path, and the Tessellation Engine. The final output of the VGT is primitive information for the clipper and index (shader input) information for the shader pipes.

### 1.3.2 *Map from External Vertex Indices to Internal Vertex Indices.*

For the R200/R300 primitive types (types 0 thru 15), the external vertex index list contains 16-bit or 24-bit indices that may each be unique. (Note that the 24-bit indices are stored in 32-bit words. In other words, they are not packed.) The VGT sends the indices that form a particular primitive to the clipper; however, the indices that are sent to the clipper are each mapped to an internal vertex index that ranges from 0 to 63. Ambiguity is not an issue because R400

performs vertex reuse only out of the previous 16 (or less) vertices. If a vertex is reused more than 16 (or less) indices away from its previous use, then that vertex is re-processed and assigned a new internal vertex index.

The internal vertex index is simply a 6-bit counter that start at 0 when the chip is reset. Each external index sent to the shader is assigned the current count value as its internal vertex index and then the counter is incremented.

## 1.3.3 *Determine Vertex Reuse*

### 1.3.3.1 Normal Mode (Non-tessellation) Vertex Reuse

The normal mode vertex reuse functionality is similar (but not identical) to the R100/R200/R300 vertex reuse functionality. The intent of the vertex reuse determination is to more efficiently use the Vertex Shader by preventing the Vertex Shader from processing the same vertex multiple times if that vertex is used in multiple primitives that occur relatively close together in the input stream. The VGT must detect vertex reuse within the previous 16 (or less) vertex indices. In other words, vertex reuse is determined by the redundant occurrence of an external vertex index within a limited scope of the external vertex index list. If a "hit" is detected for a given vertex index, that vertex index is not resubmitted for vertex processing; however, the internal vertex index (see section 1.3.2) for that vertex is always sent down the primitive processing path. The actual number of vertices checked for vertex reuse is register programmable (see VGT_VERTEX_REUSE_BLOCK _CNTL in section 0).

This type of reuse is opportunistic and is independent of mode (strip, fan, list, etc...). The actual reuse is determined by matching the index of the vertex. In terms of this reuse scheme, a vertex is defined by a unique index. If a vertex is copied and a unique index is assigned to each of the copies, then those copies are considered to be different vertices to this reuse scheme.

### 1.3.3.2 Passthru Mode Vertex Reuse

The Passthru block only utilizes pattern based reuse. In other words, it will reuse vertices in a strip or a fan because it knows the patterned based reuse. There is an open issue as to whether or not the Passthru block will handle a line loop, fan, or a polygon prim type. These prim types would cause the Passthru block to store a 6 component compound index (192 bits).

### 1.3.3.3 Tessellation Mode Vertex Reuse

In the tessellation mode, the normal (opportunistic) reuse determination on the super-primitive vertices is disabled. The vertex reuse determination is focused on the reuse of the "sub-primitive vertices". In this mode, the tessellation engine (within the VGT) incorporates sub-primitive vertex reuse in its tessellation algorithm. This type of reuse is predetermined in the algorithm. It is not opportunistic.

## 1.3.4 *Propagate State Context Vector*

The app/user expects graphics primitives to be affected by all the state changes that have occurred prior to the draw call that draws those graphics primitives. The hardware may be simultaneously processing several sets of primitives (each set at a particular stage of completion) that have different state. The Command Processor (CP) controls the staging of state data through the various parts of the graphics pipeline. For details on state management in R400, please refer to the Command Processor Specification.

The state context select (SCS) to be used for a particular draw call is determined by the address at which the VGT_DRAW_INITIATOR is written. (As far as the VGT is concerned, a "draw call" is a write to the VGT_DRAW_INITIATOR register with a non-zero prim type.) The VGT block attaches the SCS to the primitive assembly data sent to the Clipper. The VGT block also attaches the SCS to the command sent to the shader sequencer that initiates vertex processing.

## 1.3.5 *Propagate End of Packet*

The VGT is responsible for attaching the "End Of Packet (EOP)" information to the last primitive in each draw initiator packet processed down the primitive path. Note that this information is not sent to the vertex path.

## 1.3.6 *Generate and Propagate Vertices in Shader Input Vector*

The vertex grouper will gather together 64 (32 or 16 for RV400, RL400) vertices for submission to the unified shader (as a vertex shader in this context). This group of 64 vertices is processed as one "unit" in the shader pipeline and is often referred to as a "vector" of vertices. (This nomenclature, while literally correct, is unfortunately confusing

because the term *vector* is also used to indicate the different data items [position, normal, color, etc...] grouped within a single vertex.)

### 1.3.7 *Generate and Propagate Vertex Deallocation*

### 1.3.8 *Triangulation of Quad and Polygon Primitives (OpenGL)*

The VGT may encounter non-HOS primitives with more than three edges. The VGT must triangulate these primitives before transmitting them to the Clipper.

### 1.3.9 *Tessellate higher order surface (HOS) primitives.*

#### 1.3.9.1 Index Grouping for Primitive Calculations

#### 1.3.9.2 Auto Index Generation for Second-pass Primitive Tessellation

#### 1.3.9.3 Discrete Tessellation of Triangles / Quads

#### 1.3.9.4 Continuous Tessellation of Triangles / Quads

#### 1.3.9.5 Adaptive Tessellation Triangles / Quads

#### 1.3.9.6

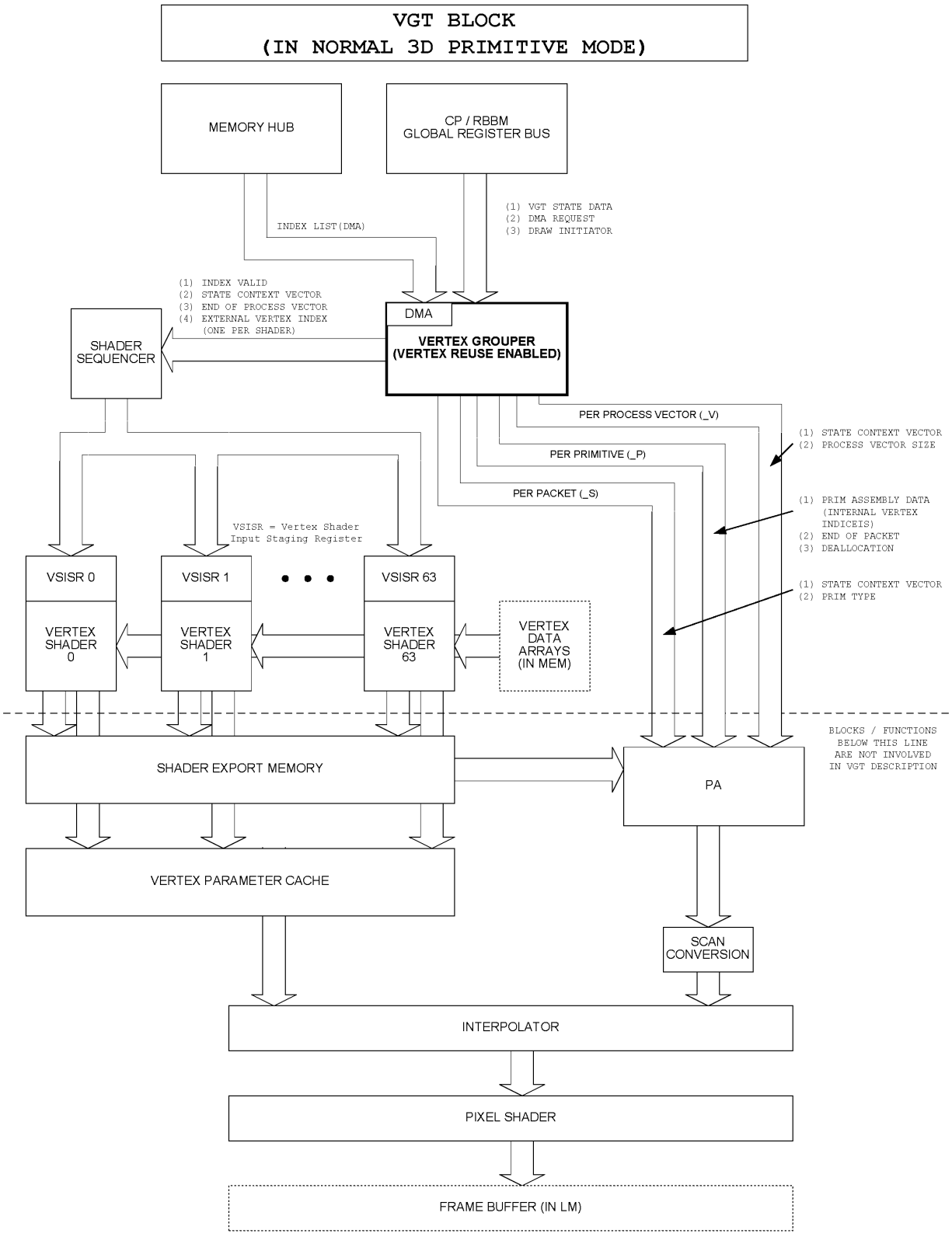



Figure 1. VGT Block and Neighborhood (Normal 3D Primitive Mode).

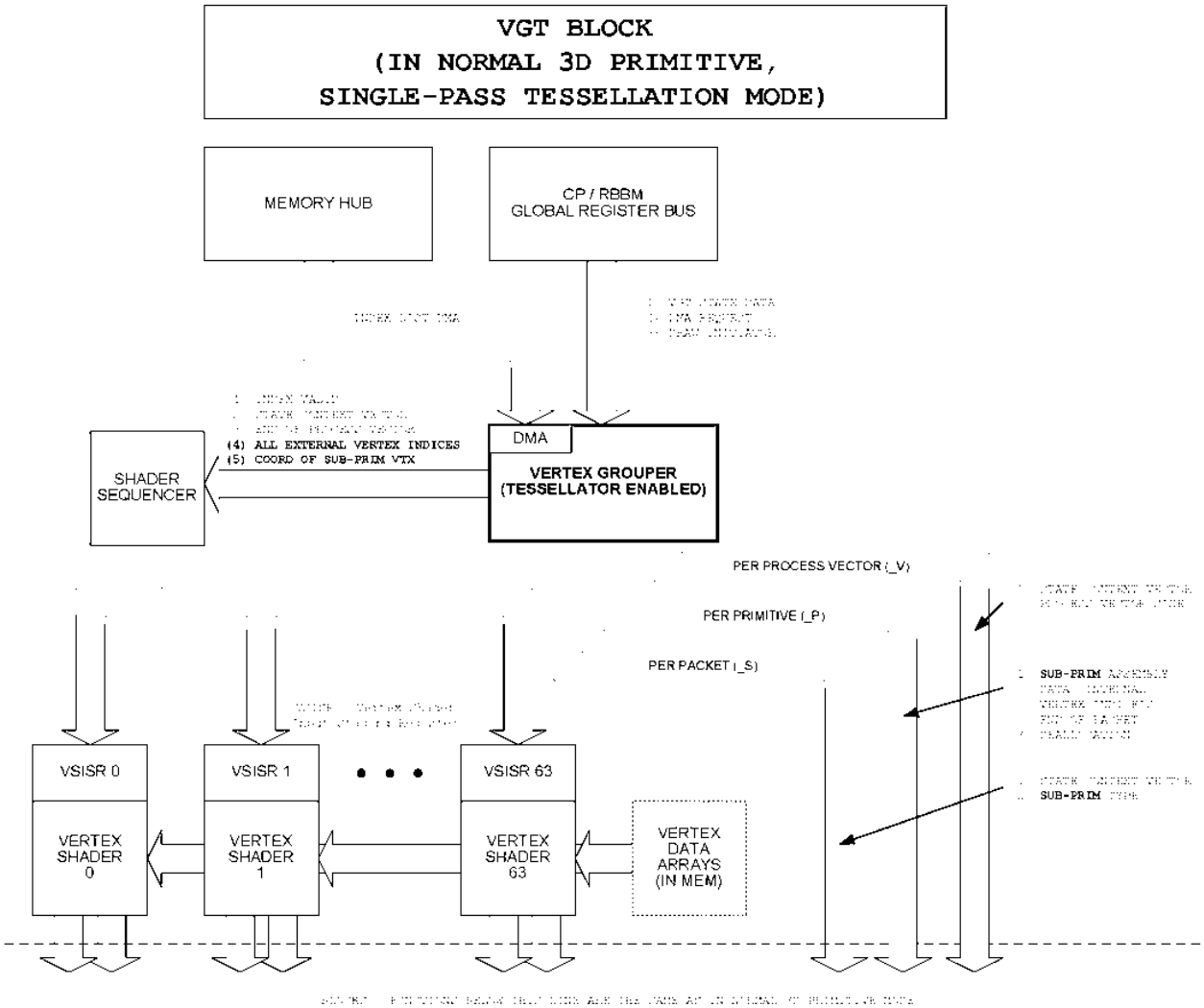



Figure 2. VGT Block in Single Pass HOS Mode.

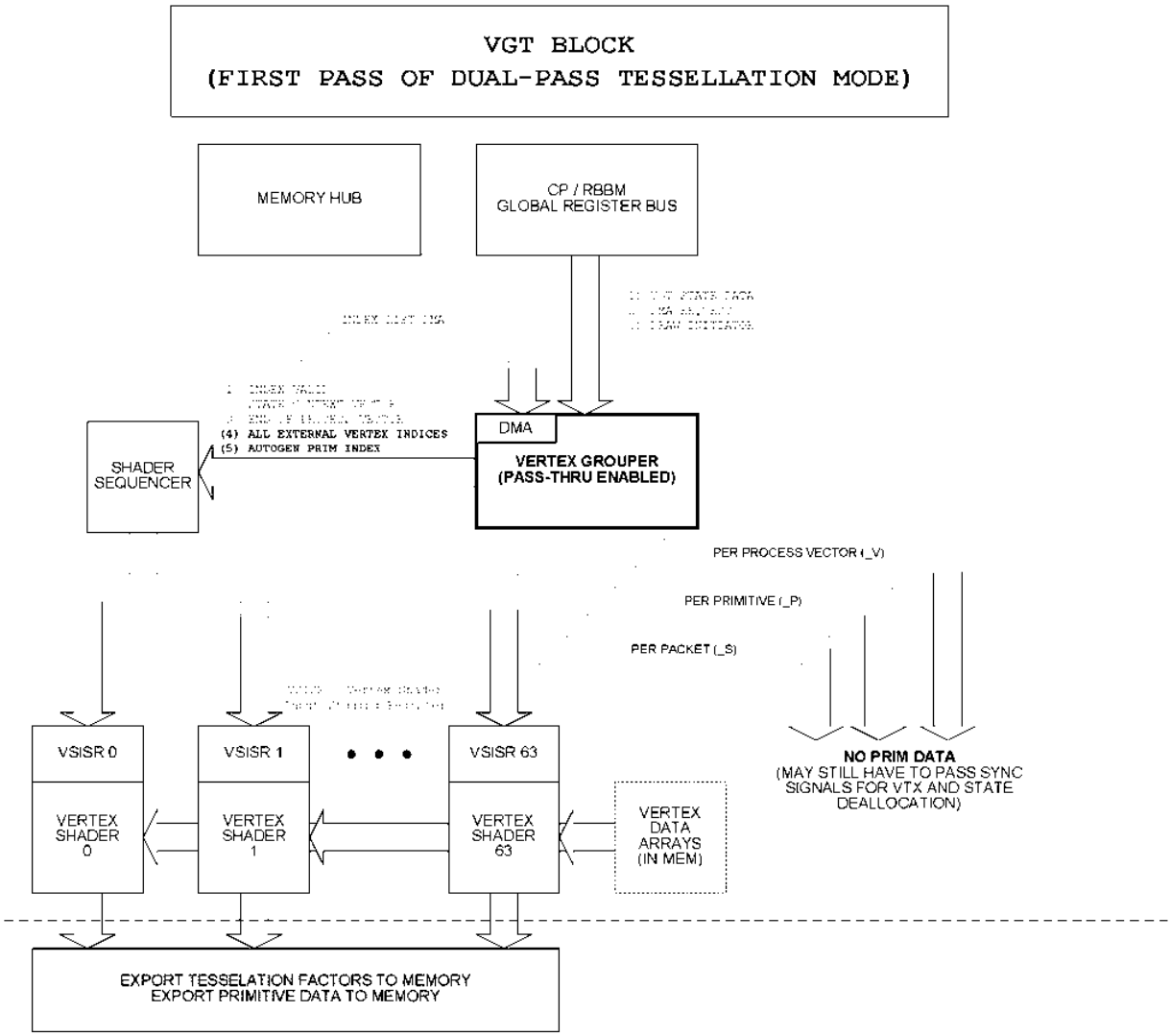



Figure 3. VGT Block in First Pass of Dual Pass HOS Mode.

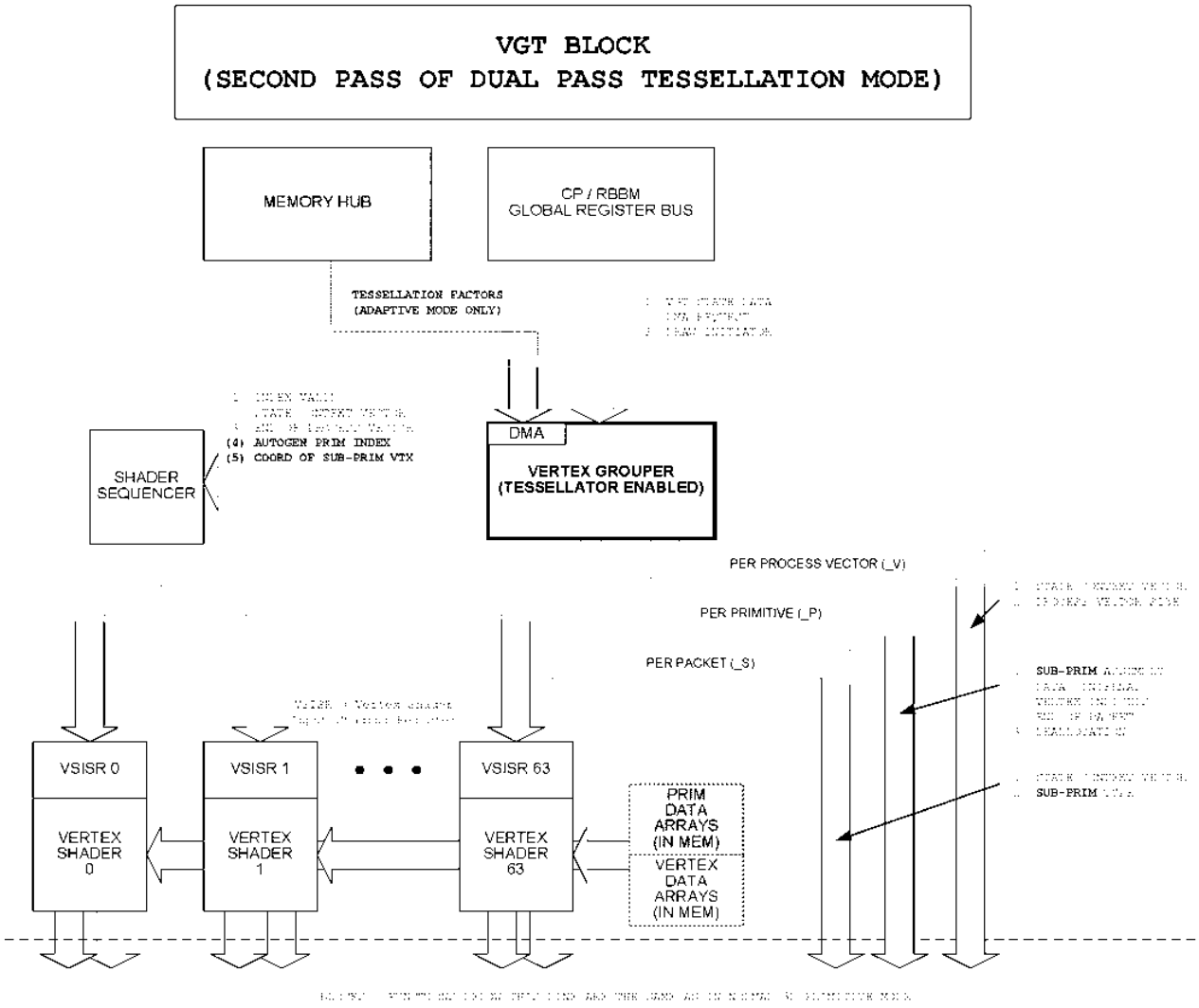



Figure 4. VGT Block in Second Pass of Dual Pass HOS Mode.

## 1.4 Performance

### 1.4.1 *Normal 3D Primitive (Non-tessellation) Mode*

In normal 3D primitive (non-tessellation) mode, the VGT must be capable of processing a primitive per clock on the clipper primitive bus. Note that this implies that the vertex reuse and remap capability must compare three indices per clock. The VGT must be capable of outputting a vertex index per clock to the Vertex Shader Input Staging Registers (VSISRs).

### 1.4.2 *Tessellation Mode*

In tessellation mode, the VGT must be capable of outputting a primitive every TBD clocks on the primitive bus. The VGT must be capable of outputting a vertex index every TBD clocks to the Vertex Shader Input Staging Registers (VSISRs).

### 1.4.3 *OpenGL Immediate Mode*

**Immediate data mode for 3D primitives is not supported in any form on R400.** Therefore, OpenGL immediate mode must be converted by the driver into vertex arrays which will then be fetched by the vertex shaders.

# 2. External Interfaces

## 2.1 VGT to Shader / Sequencer Interface

Note that the VGT sends data only to the Sequencer. The Sequencer forwards the data on to the Shader Pipe.

Below is a sampling of the information sets that transfer from the VGT thru the Shader Sequencer into the Shader Pipe (specifically the VSISRs). This table indicates the format of this information within the VGT, but **not** the format of this information on the interface bus. Because 24-bit indices must be supported with the same performance as 16-bit indices, the Primitive Grouper (within the VGT) always outputs indices in 24-bit mode. For this list, a "standard index" is an unsigned 24-bit integer index. Also for this list, a "coord" is a value from the tessellation engine that is a 16-bit unsigned fixed-point value. An "auto-gen index" is a 24-bit unsigned integer.

**TBD — Add quad id to this list.**

| Information Elements Per Shader | Primitive |
|---|---|
| 1 std index | Vertex index of all regular 3D primitives |
| 2 std index, 1 coord | Single-pass HOS 3D line primitive |
| 3 std index, 3 coord | Single-pass HOS 3D tri primitive |
| 4 std index, 2 coord | Single-pass HOS 3D quad primitive |
| 1 std index, 2 coord | Single-pass HOS 3D RT-Patch primitive |
| 2 std index, 1 auto-gen index | 1st of Multi-pass HOS 3D line primitive |
| 3 std index, 1 auto-gen index | 1st of Multi-pass HOS 3D tri primitive |
| 4 std index, 1 auto-gen index | 1st of Multi-pass HOS 3D quad primitive |
| 1 std index, 1 auto-gen index | 1st of Multi-pass HOS 3D RT-Patch primitive |
| 1 auto-gen index, 1 coord | Final of Multi-pass HOS 3D line primitive |
| 1 auto-gen index, 3 coord | Final of Multi-pass HOS 3D tri primitive |
| 1 auto-gen index, 2 coord | Final of Multi-pass HOS 3D quad primitive |
| 1 auto-gen index, 2 coord | Final of Multi-pass HOS 3D R-Patch primitive |
| 5 16-bit signed integers | "Vertex" of 2D Copy Rect List primitive |
| 3 16-bit signed integers | "Vertex" of 2D Fill Rect List primitive |
| 3 16-bit signed integers | "Vertex" of 2D Line Strip primitive |
| There are other possible sets, but this list is a good representative list. | |

All of these information elements require conversion from fixed to float. The worst-case number of elements is 6, which occurs in several places. The worst-case number of 24-bit elements within a single data set is 5. It is acceptable to consume two clocks for transmission, at peak rate, between the VGT and the VSISRs for all primitives except regular 3D primitives (which must transmit an index per clock, peak rate). This leads to the implementation of a 3 element-wide bus that requires two clocks to transmit primitives that have 4 or more elements.

### 2.1.1 *Design Considerations*

The most straightforward, *non-compressed* interface method would be to convert, in the VGT, the data to 32-bit floating point prior to transmission to the VSISRs. In this scenario, the data would be transmitted to (and stored in) the VSISRs in full 32-bit floating point. This method requires three 24-bit fixed-to-float converters in the VGT. Unfortunately, it also requires and additional 3,072 bits of storage across the VSISRs. This interface is illustrated in Figure 6. The area of the fixed-to-float converters and the VSISRs for this method is roughly estimated as 0.759sqmm using the R300 process. The gate count estimate is shown in Figure 5.

Basis for 8-deep Latch Memory (from R300)

8x24-bit 11631 $\mu^2$ 60.57813 $\mu^2$ per bit

Area of 96x8-deep Latch Memory 46524 $\mu^2$

Area of 24-bit Fix-to-float Converter 4712 $\mu^2$ per converter

Method 1

| Block | Quantity | Area |
|---|---|---|
| F2F | 3 | 14136 |
| 8x96 Latch | 16 | 744384 |
| | | 758520 $\mu^2$ |

Figure 5. Area Estimate for VGT to Shader Interface Method 1 (Chosen).

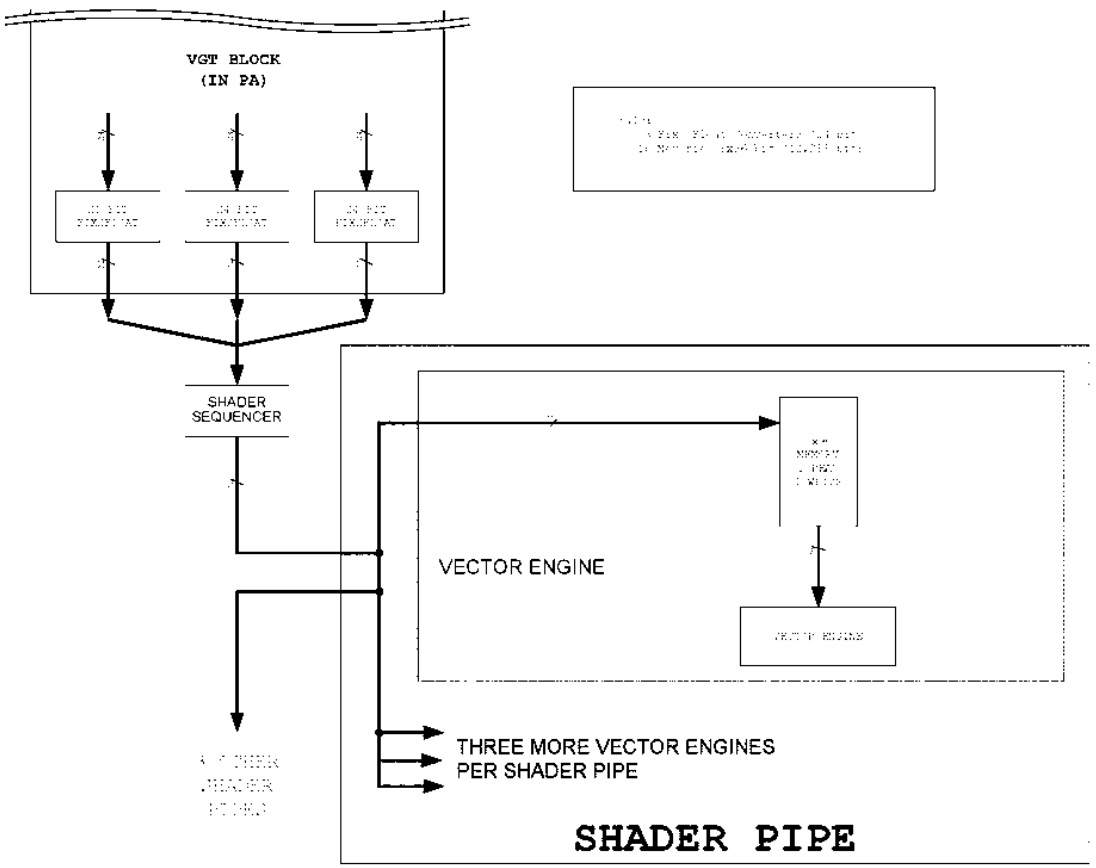



Figure 6. VGT to Shader Interface Method 1 (Chosen).

The most straightforward, *compressed* interface method would be to transmit the information elements from the VGT to the VSISRs in their native (24-bit) fixed-point format and to also store them in the VSISRs in that format. In this scenario, the data would be converted, by the shader block, to 32-bit floating point just prior to entering the GPRs. Unfortunately, this scenario requires 48 fixed-to-float converters. This interface is illustrated in Figure 8. The area of the fixed-to-float converters and the VSISRs for this method is roughly estimated as 0.784sqmm using the R300 process. (Not counted in this area is the logic required to bring state data into the VSISRs to control the fixed-to-float converters. The VSISRs do not otherwise require any state data.) The gate count estimate is shown in Figure 7.

Basis for 8-deep Latch Memory (from R300)

| | | |
|---|---|---|
| 8x24-bit | 11631 $\mu^2$ | 60.57813 $\mu^2$ per bit |
| Area of 72x8-deep Latch Memory | 34893 $\mu^2$ | |
| Area of 24-bit Fix-to-float Converter | 4712 $\mu^2$ per converter | |

Method 2

| Block | Quantity | Area |
|---|---|---|
| F2F | 48 | 226176 |
| 8x72 Latch | 16 | 558288 |
| | | 784464 $\mu^2$ |

Figure 7. Area Estimate for VGT to Shader Interface Method 2 (Not Chosen).

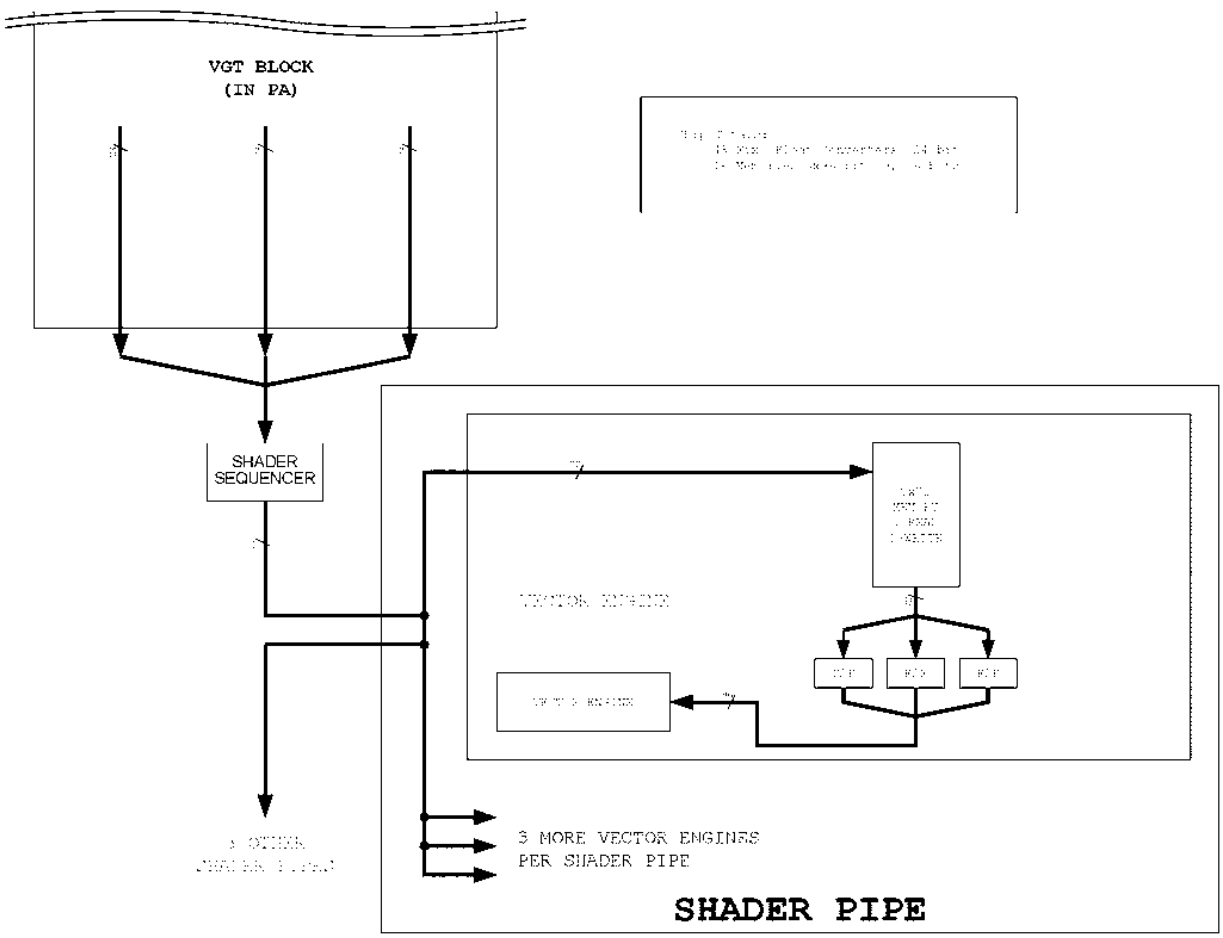



Figure 8. VGT to Shader Interface Method 2 (Not Chosen).

## 2.1.2 *Interface Signal Table*

The area difference between the two methods is not sufficient to warrant complicating the interface or the state requirements of the VSISRs. **Therefore, the POR for this interface is that the VGT will transmit the data to the VSISRs (via the Shader Sequencer) in full, 32-bit floating-point format.** The VGT can transmit up to six 32-bit floating-point values to each VSISR where four or more values require two transmission clocks. The data bus is 96 bits wide.

Table 1.VGT_SQ_Interface Signals.

| Name | Bits | Description |
|---|---|---|
| VGT_SQ_event | 1 | Indicates that an event id is present in the 5 LSBs of the vsisr data bus. When this signal is high, the VGT_SQ_indx_valid, VGT_SQ_vsisr_continued, and VGT_SQ_end_of_vtx_vect signals will all be false (low). The state of the VGT_SQ_state bus will indicate the state under which the event was issued. |
| VGT_SQ_vsisr_data | 96 | If VGT_SQ_indx_valid is true, then this bus contains 3 float input data values to be transmitted to a shader. |
| VGT_SQ_vsisr_continued | 1 | Indicates that data for this same shader is continued on the next transfer. |
| VGT_SQ_end_of_vtx_vect | 1 | Indicates the last VSISR data set for the current process vector. This signal is guaranteed to be valid only when VGT_SQ_vsisr_continued is not set. |
| VGT_SQ_state | 3 | This signal is valid when " VGT_SQ_end_of_vector" is true (high). This signal indicates the state context that should be referenced while processing the vertex vector. |
| VGT_SQ_indx_valid | 1 | This signal is set for all valid shader input data transfers. If this bit is not set for a particular interface transfer, then the transfer is only conveying control or event information and not shader data. |
| VGT_SQ_send | 1 | This signal indicates that a transfer is taking place on this interface. This signal may only legally be asserted when SQ_VGT_rtr is true (taking into account register delays on both sides of the interface). (See the write-up for standard R400 send/rtr interface handshaking) |
| SQ_VGT_rtr | 1 | Ready to receive (see write-up for standard R400 send/rtr interface handshaking) |

Table 2.VGT_SQ_Interface Legal States.

| send | indx valid | event | vsisr continued | state | end_of vtx_vect | vsisr data | comment |
|---|---|---|---|---|---|---|---|
| **0** | X | X | X | X | X | X | Idle interface |
| 1 | **0** | 0 | 0 | state | **1** | X | Send only end-of-vtx-vect (no indx data) |
| 1 | **0** | **1** | 0 | state | 0 | event id | Send event |
| 1 | **1** | 0 | **0** | state | end_of vtx_vect | data | Send/complete data |
| 1 | **1** | 0 | **1** | X | X | data | Send data to be continued |

Table 3.VGT_SQ_Interface Illegal States.

| send | indx valid | event | vsisr continued | state | end_of vtx_vect | vsisr data | comment |
|---|---|---|---|---|---|---|---|
| 1 | **0** | X | **1** | X | X | X | Continued data with no indx_valid |
| 1 | 0 | **1** | X | X | **1** | X | Event and end_of_vtx_vect |
| 1 | **1** | **1** | X | X | X | X | indx_valid with event |
| 1 | **0** | **0** | X | X | **0** | X | No indx_valid,no event,and no end_of_vtx_vect |

### 2.1.3 *Interface Diagrams*

Figure 9 shows the R400 skid buffer implementation between the VGT and the Sequencer.

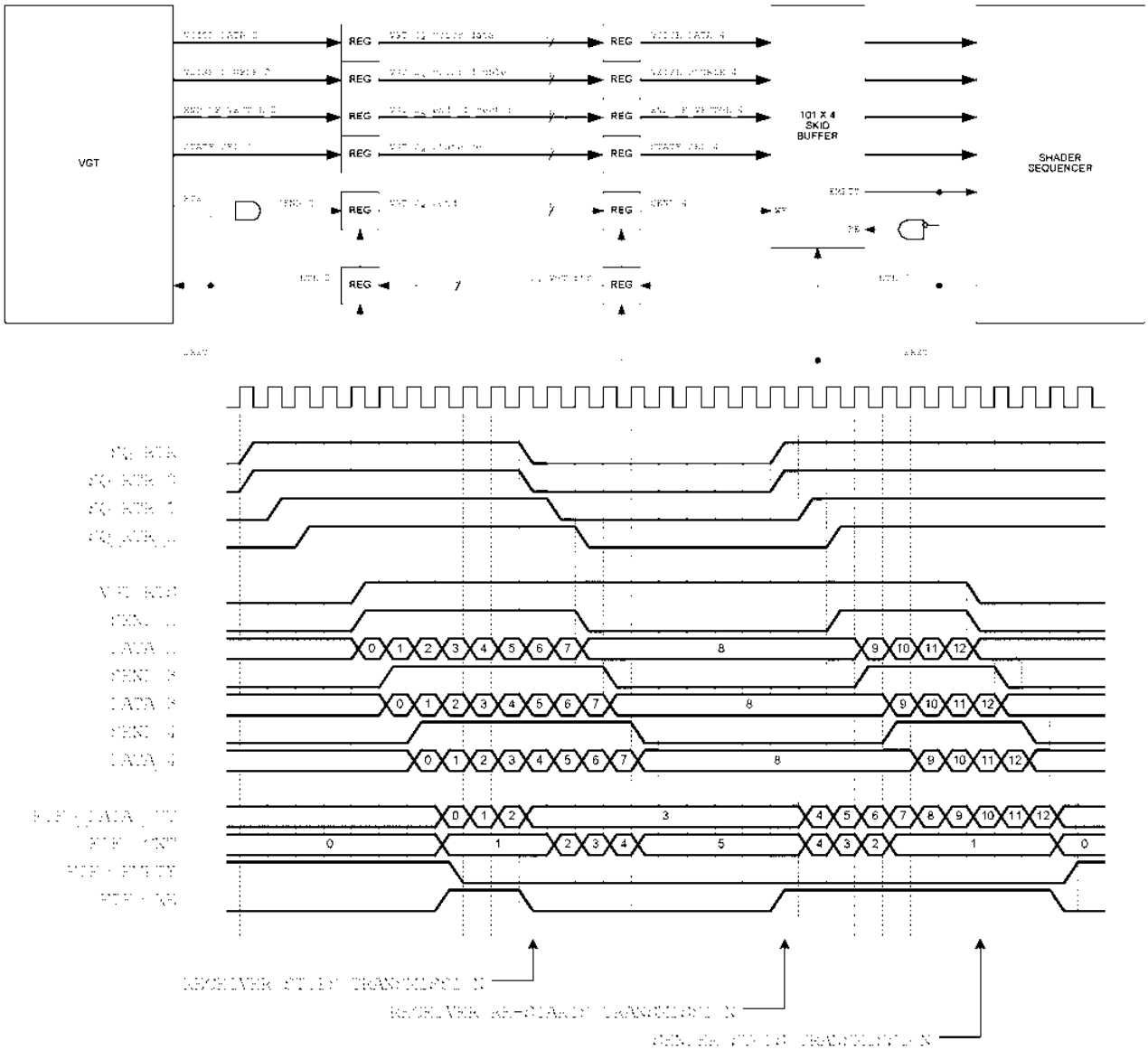



Figure 9. Detailed Logical Diagram for VGT_SQ Interface.

## 2.2 VGT to Clip Interfaces

### 2.2.1 *VGT_PA_clip_v (VGT_PA_CcGen)*

The VGT_PA_clip_v_* signals are "per vertex vector" (group of up to 64 vertices submitted to vertex shader for processing) and are typically sent at a lower rate than 1 per clock. They are stored in a relatively small FIFO to account for at least one AGP latency divided by expected rate of entry (i.e. once every 64 clocks). This interface is used to tell the Clipper (specifically the Clip Code Generator or CcGen) how many vertices to "read" from the RB(East & West) for each vector that is submitted and what state to assign to these vertices.

| Name | Bits | Description |
|---|---|---|
| VGT_PA_clip_v_vec_size | 6 | Number of vertices in current vector. The value 0 is used to represent 64 vectors |
| VGT_PA_clip_v_state | 3 | State select |
| VGT_PA_clip_v_send | 1 | Send |
| PA_VGT_clip_v_rtr | 1 | Ready-to-receive |

### 2.2.2 *VGT_PA_clip_p (VGT_PA_ClipP)*

All of the VGT_PA_clip_p_* signals are “per primitive” and can be sent essentially “per-clock”. They are stored in a very large FIFO to account for at least one AGP latency. These signals should be compressed as much as possible to reduce the FIFO size because the FIFO depth is likely to be greater than 200 entries.

TBD — The EVENT_INITIAITOR will impact this interface.

| Name | Bits | Description |
|---|---|---|
| VGT_PA_clip_p_event | 6 | Indicates that an event id is present in the 4 LSBs of the VGT_PA_clip_p_indx0 signal. If VGT_PA_clip_p_event is set, then VGT_PA_clip_p_eop will be 0, VGT_PA_clip_p_null_prim will be 1, VGT_PA_clip_p_dealloc will be 0, VGT_PA_clip_p_new_vtx_vect will be 0 |
| VGT_PA_clip_p_indx0 | 6 | Internal vertex index 0 |
| VGT_PA_clip_p_indx1 | 6 | Internal vertex index 1 |
| VGT_PA_clip_p_indx2 | 6 | Internal vertex index 2 |
| VGT_PA_clip_p_edge_flags | 3 | A set bit indicates that the edge should be drawn in wireframe mode for the edge that begins with vertex specified. For example, if bit zero is set, then the edge that begins with vertex zero (vertex index 0 above) should be draw in wireframe mode. |
| VGT_PA_clip_p_eop | 1 | End-of-packet for state synchronization |
| VGT_PA_clip_p_new_vtx_vect | 1 | Start a new process vector. This bit is set for the first primitive to use a vertex from a new process vector. |
| VGT_PA_clip_p_dealloc | 3 | Deallocation bits. These bits indicate how many 16 vertex sets should be deallocated after the primitive is processed. |
| VGT_PA_clip_p_null_prim | 1 | Null Primitive. This bit is set to indicate that the transaction only carries the dealloc bit and the eop bit. No primitive is transmitted when this bit is set. |
| VGT_PA_clip_p_send | 1 | Send |
| PA_VGT_clip_p_rtr | 1 | Ready-to-receive |

### 2.2.3 *VGT_PA_s (VGT_PA_ClipS)*

All of the VGT_PA_clip_s_* signals are “per packet”. The VGT_PA_clip_s_* signals change less frequently than the VGT_PA_clip_p_*, and VGT_PA_clip_v_* signals mentioned above.

| Name | Bits | Description |
|---|---|---|
| VGT_PA_clip_s_type | 3 | Clipper prim type. This is a sub-set of the input prim types. The valid values are defined in the vgt.blk file.<br>0 : VGT_OUT_POINT<br>1 : VGT_OUT_LINE<br>2 : VGT_OUT_TRI<br>3 : VGT_OUT_RECT_V0<br>4 : VGT_OUT_RECT_V1<br>5 : VGT_OUT_RECT_V2<br>6 : VGT_OUT_RECT_V3 |
| VGT_PA_clip_s_state | 3 | State Select |
| VGT_PA_clip_s_send | 1 | Send |
| PA_VGT_clip_s_rtr | 1 | Ready-to-receive |

## 2.3 VGT to MH (Memory Hub) Interface

The VGT has a dedicated DMA engine. In normal mode, this DMA engine fetches the index list. In tessellation mode, it may also fetch data that affects tessellation.

The following table shows the signals in the request interface between the VGT DMA engine and the Memory Hub.

| Name | Bits | Description |
|---|---|---|
| VGT_MH_memreq | 1 | |
| MH_VGT_memclk_active | 1 | |
| VGT_MH_send | 1 | Send Read Request |
| VGT_MH_ad | 32 | Note that the VGT, being a read-only client, is always in "Phase 1"<br>[1:0] Swap Control<br>00: None<br>01: 16-bit swap 0xAABBCCDD → 0xBBAADDCC<br>10: 32-bit swap 0xAABBCCDD → 0xDDCCBBAA<br>11: word swap 0xAABBCCDD → 0xCCDDAABB<br>[2] Size of transfer<br>always '1' which indicates 256-bit transfers<br>[3] Access<br>always '0' which indicates a memory access.<br>[31:4] address in Linear Device Address Space of memory access |
| VGT_MH_tagbe | 8 | Read Tag: This 8-bit bus contains tag information that is returned with the return data. The VGT puts information in tag to identify how to re-order the return data. |
| MH_VGT _rtr | | Ready to Receive Requests. |

The following table shows the signals in the data interface between the Memory Hub and the VGT DMA.

| Name | Bits | Description |
|---|---|---|
| MH_VGT_grb_send | 1 | Identifies VGT as the Client to Receive Data |
| MH_GRB1_data | 128 | Read Data |
| MH_VGT_tag | 8 | Tag Returned. This is the same information that was sent on the VGT_MH_INDEX_TAG interface when the read request was issued. Note that the width of the tag may decrease as the design matures. |

The CP "Pre-parser" parses the DRAW_INDX packet and issues DMA requests for the indices to a dedicated DMA engine which is in the VGT. The DMA requests bypass the ME and the Queued transactions in the RBBM and are issued to the PA over the Global register bus.

## 2.4 RBBM to VGT Interface

The VGT is capable of deadlocking on the Global Register Bus. This situation can occur if the CP Pre-parser fills the DMA request FIFO and has a write pending to that FIFO before a draw initiator can be written to the draw initiator FIFO to consume the DMA data and move the DMA request FIFO. The RBBM has a skew control circuit between the pre-parser write operations and the post-parser write operations to prevent this deadlock.

TBD — There is some discussion about the RBBM write bus being daisy-chained. This would require the VGT to support all the RBBM signals. Currently the byte enable signals are not implemented in the VGT

| Name | Bits | Description |
|---|---|---|
| RBBM_a | 16:2 | Read/write Address |
| RBBM_we | 1 | Write Enable |
| RBBM_wd | 31:0 | Write Data |
| RBBM_re | 1 | Read Enable |
| RBB_rs_in | 1 | Read Strobe In : This is the input for the read strobe daisy chain. |
| RBB_rs_out | 1 | Read Strobe Out : This is the strobe output for daisy chain data reads. |
| RBB_rd_in | 31:0 | Read Data : This is the input for the read data daisy chain. |
| RBB_rd_out | 31:0 | Read Data : This is the data output for daisy chain data reads. |
| VGT_RBBM_nrtrtr | 1 | Non-real-time Ready to Receive |
| RBBM_VGT_soft_reset | 1 | This signal is the same a the chip reset signal except that the state registers do not load their default values. |

Please see “depot/r400/doc_lib/design/blocks/rbbm/RBBM_Spec_R400.doc” for more information on this interface.

# 3. Block Diagram

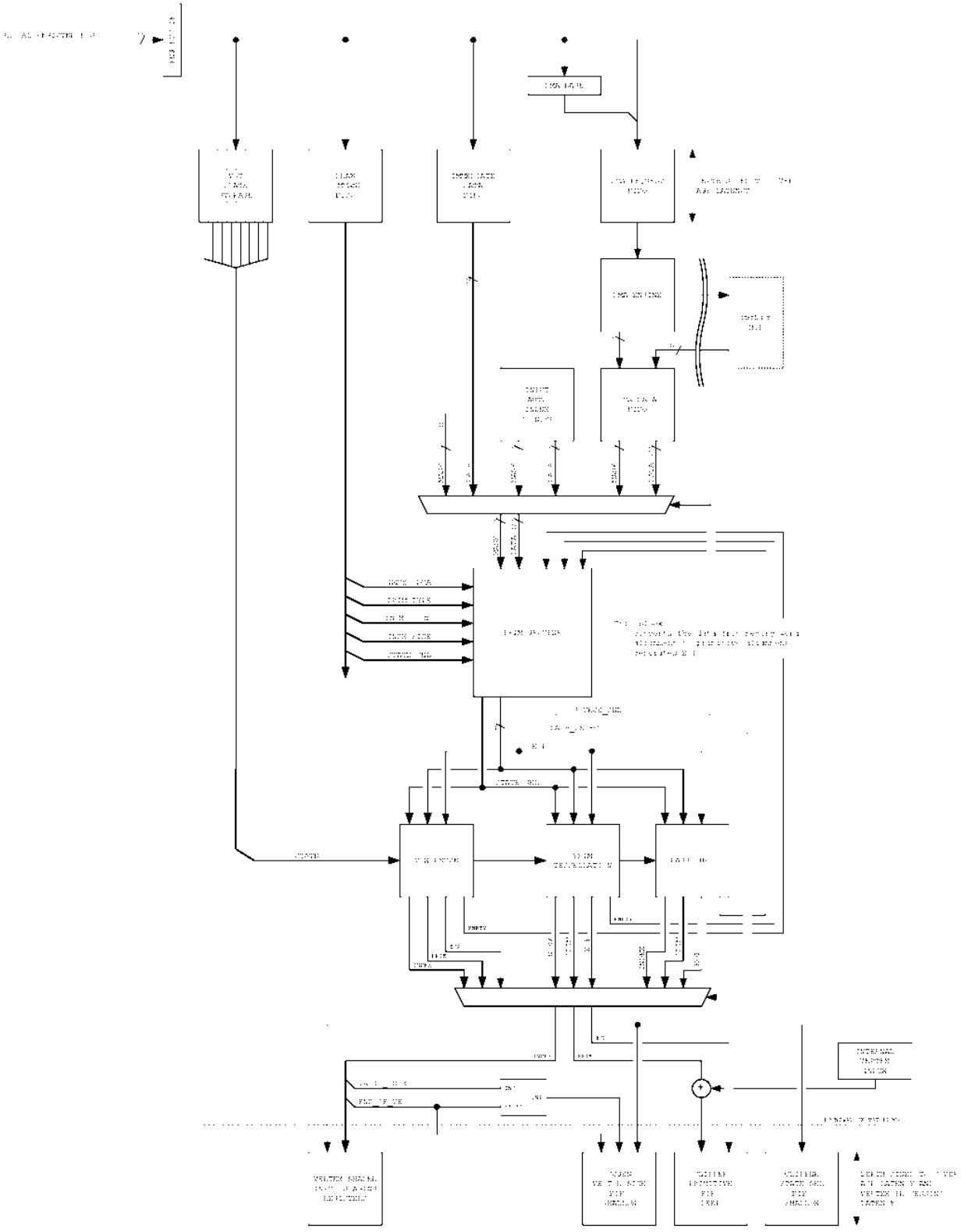


Figure 10. Top Level of VGT Block.

Diagram Needs Update

Figure 11. Block Diagram of VGT Grouper Section

Diagram Needs Update

Figure 12. Block Diagram of VGT Output Section

# 4. Programmers's Guide

## 4.1 VGT Configuration

The VGT can run in two modes. In one mode the groups are considered to be indices of a larger primitive. In the other mode, the groups are entire primitives. Figure 13 shows the different configurations of the VGT Grouper Block and the subsequent block (which is either the Vertex Reuse Block, the Passthru Block, or the Tessellation Engine).

### 4.1.1 *Notes for VGT Configuration Scenario 2*

Note for "VGT Configuration Scenario 2" in Figure 13 that the Passthru Block will (unconditionally) perform index ordering for tri-strips. It will also (unconditionally) perform quad decomposition and index reordering for quad-strips and quad-lists. The RETAIN_ORDER bit should be set in the VGT_GROUP_PRIM_TYPE register for this scenario. Provoking vertex and edge flags will **NOT** generally be correct for quad-strips and quad-list in this configuration.



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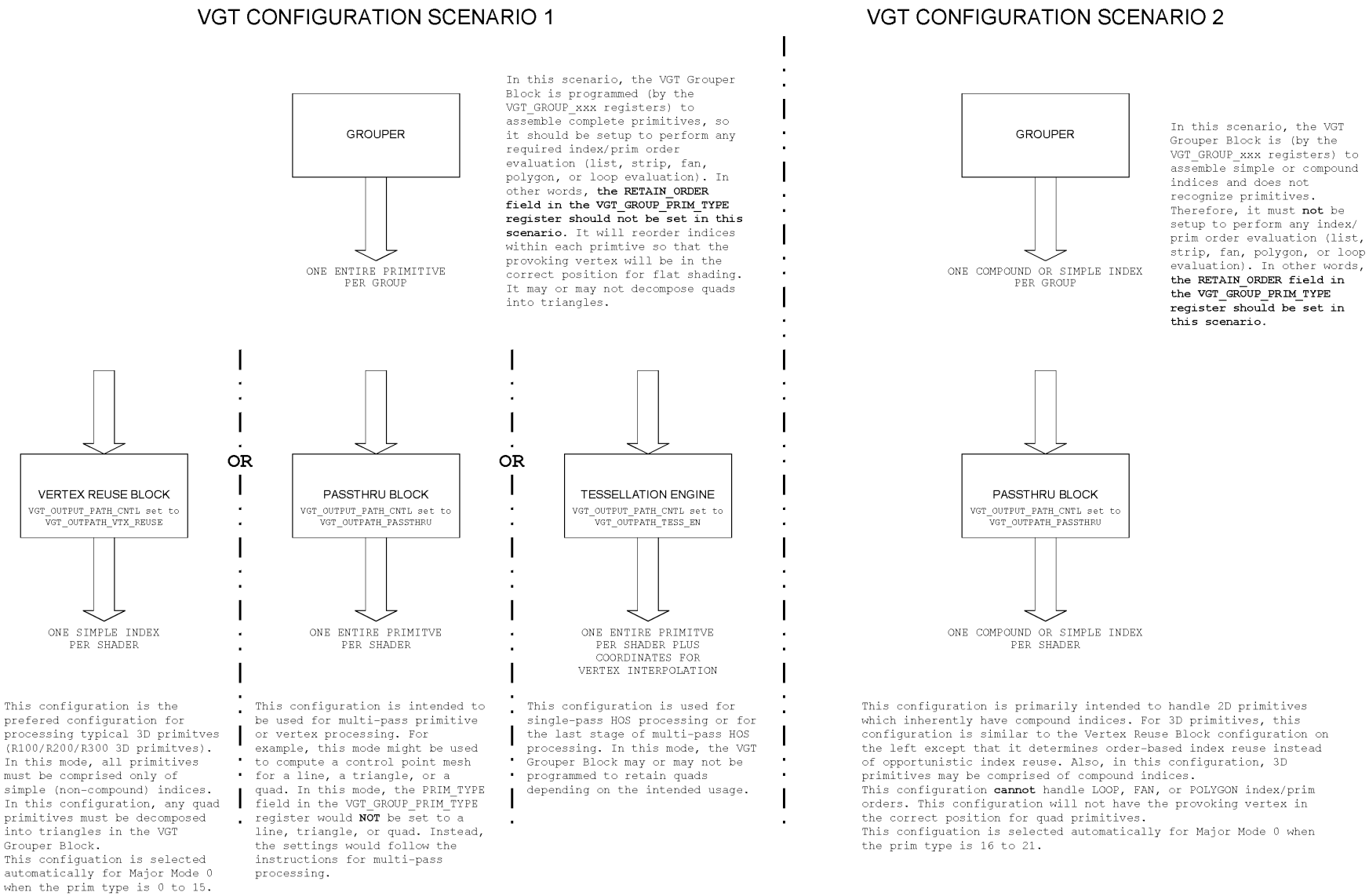



Figure 13. VGT Configurations.

## 4.2 Determining the Input Data Size

Probably the most concise method for describing the determination of the amout of input data required by a packet is to include a code snippet. If the source select field of the draw initiator specifies auto index generation, then no data is requred.

```
unsigned long vgt_dma_size;
unsigned long groups;
bool vect_1_enabled;

switch ( draw_initiator.major_mode ) {
case DI_MAJOR_MODE_0:
    switch ( draw_initiator.prim_type ) {
    case DI_PT_NONE :
        // this is esentially a null-trigger
        vgt_dma_size = 0;
        break;
    case DI_PT_POINTLIST :
    case DI_PT_LINELIST :
    case DI_PT_LINESTRIP :
    case DI_PT_TRILIST :
    case DI_PT_TRIFAN :
    case DI_PT_TRISTRIP :
    case DI_PT_TRI_WITH_WFLAGS :
    case DI_PT_RECTLIST :
    case DI_PT_LINELOOP :
    case DI_PT_QUADLIST :
    case DI_PT_QUADSTRIP :
    case DI_PT_POLYGON :
        // normal 3D prim type
           vgt_dma_size = draw_initiator.num_indices * ( draw_initiator.index_size ? 2 : 1 );
        break;
    case DI_PT_2D_COPY_RECT_LIST_V0 :
    case DI_PT_2D_COPY_RECT_LIST_V1 :
    case DI_PT_2D_COPY_RECT_LIST_V2 :
    case DI_PT_2D_COPY_RECT_LIST_V3 :
        // normal 2D copy rect
           vgt_dma_size = draw_initiator.num_indices * 6; // constant
        break;
    case DI_PT_2D_FILL_RECT_LIST :
        // normal 2D fill rect type
           vgt_dma_size = draw_initiator.num_indices * 4; // constant
        break;
    case DI_PT_2D_LINE_STRIP :
        // normal 2D line strip
           vgt_dma_size = draw_initiator.num_indices * 4; // constant
        break;
    default :
        // invalid prim type for major mode 0
    }
    break;
case DI_MAJOR_MODE_1:
    // compute how many groups will be shifted out
    groups = 1 + ( draw_initiator.num_indices - vgt_group_first_decr.f.first_decr ) /
             vgt_group_decr.f.decr;

    vgt_dma_size = ( groups - 1 ) * vgt_group_vect_0_cntl.f.shift + vgt_group_vect_0_cntl.f.stride;

    // determine if the second vector is used for this configuration
    vect_1_enabled = vgt_group_vect_1_cntl.f.comp_x_en ||
                     vgt_group_vect_1_cntl.f.comp_y_en ||
                     vgt_group_vect_1_cntl.f.comp_z_en ||
                     vgt_group_vect_1_cntl.f.comp_w_en;



    if ( vect_1_enabled ) {
        vgt_dma_size += ( groups - 1 ) * vgt_group_vect_1_cntl.f.shift + vgt_group_vect_1_cntl.f.stride;
    }
    break;

default:
    // invalid major mode (%d)\n",
}
```

## 4.3 Draw Initiator Programming

### 4.3.1 *Number of Indices (NUM_INDICES)*

The number of indices (NUM_INDICES) field in the VGT_DRAW_INITIATOR register is used to determine when the draw initiator command has been completed. If the NUM_INDICES field is zero, then the VGT_DRAW_INITIATOR is ignored. Nothing will be sent down the pipeline for this case. The table below lists some retrictions on the value in the NUM_INDICES field for various prim types. Note that the prim type/prim order show in this table are from the VGT_GRP_PRIM_TYPE register or are the values of these fields implied by Major Mode 0 in the VGT_DRAW_INITIATOR register.

Bad things may happen in the VGT if the NUM_INDICES field in the VGT_DRAW_INITIATOR register does not adhear to these restrictions.

Table 4. Restrictions on Number of Indices in Draw Initiator.

| Prim Type | Prim Order | Min | Increment |
|---|---|---|---|
| VGT_GRP_3D_POINT | VGT_GRP_LIST | 1 | 1 |
| VGT_GRP_3D_LINE | VGT_GRP_LIST | 2 | 2 |
| | VGT_GRP_STRIP | 2 | 1 |
| | VGT_GRP_LOOP | 2 | 1 |
| VGT_GRP_3D_TRI | VGT_GRP_LIST | 3 | 3 |
| | VGT_GRP_STRIP | 3 | 1 |
| | VGT_GRP_FAN | 3 | 1 |
| | VGT_GRP_POLYGON | 3 | 1 |
| VGT_GRP_3D_RECT | VGT_GRP_LIST | 3 | 3 |
| VGT_GRP_3D_QUAD | VGT_GRP_LIST | 4 | 4 |
| | VGT_GRP_STRIP | 4 | 2 |
| VGT_GRP_2D_COPY_RECT_V0 | VGT_GRP_LIST | 3 | 3 |
| VGT_GRP_2D_COPY_RECT_V1 | VGT_GRP_LIST | 3 | 3 |
| VGT_GRP_2D_COPY_RECT_V2 | VGT_GRP_LIST | 3 | 3 |
| VGT_GRP_2D_COPY_RECT_V3 | VGT_GRP_LIST | 3 | 3 |
| VGT_GRP_2D_FILL_RECT | VGT_GRP_LIST | 3 | 3 |
| VGT_GRP_2D_LINE | VGT_GRP_LIST | 2 | 2 |
| | VGT_GRP_STRIP | 2 | 1 |
| VGT_GRP_2D_TRI | VGT_GRP_LIST | 3 | 3 |
| | VGT_GRP_STRIP | 3 | 1 |

### 4.3.2 *Using the Multi-primitive Index Buffer Reset Functionality*

The purpose of the multi-primitive Index buffer reset functionality is to allow the user to specify many separate strips, fans, loops or polygons with a single VGT_DRAW_INITIATOR command. The strips, fans, loops or polygons are separated in the index buffer by placing a specific index value in the index buffer wherever a separation is desired. The specific index value that causes separation is contained in the register VGT_MULTI_PRIM_IB_RESET_INDX. The functionality itself is enabled by the bit in field MULTI_PRIM_IB_ENA in the register PA_SU_SC_MODE_CNTL.

Note that when separation occurs, the subsequent strip, loop, fan, or polygon is evaluated as if it were sent under a separate VGT_DRAW_INITIATOR command. This may cause the winding order of triangles to be reversed from their original order if a separator is just thrown into an existing tri strip.

The behavior was implemented as orthogonally as reasonably possible. It works for all prim types and all prim orders. However, it does have some limitations. The most noteable, non-intuitive limitation is that the implementation requires, under some circumstances, multiple separators to be inserted sequentially into the index buffer to acheive separation. The "increment" column in Table 4 shows the number of separators required for a given prim type/prim order combination. This is not considered to be a major inconvenience because most (if not all) of the usage of this functionality will be on major mode 0 triangle strips, fans, and polygons and on major mode 0 line strips where the number of required separator indices is 1. If the indices are compound indices, then the separator must be a "compound separator" whose format matches the format of the compound index.

Caveates with this functionality are listed below.

1. If the required number of separators is not used, the chip may hang.
2. Line stipple will not produce the correct visual result with this mode. The line stipple pattern will not reset between strips (which it would if the strips were sent with separate VGT_DRAW_INITIATOR commands).
3. Edge flags will not be correct for the prim order VGT_GRP_POLYGON. This will have a visual impact in OpenGL for this primitive order if POLY_MODE is set to LINES or POINTS. (This applies mostly the the OpenGL polygon primitive.)

## 4.3.3 *Programming for Disabled Pipes*

The number of shader pipes for R400 is 4; however, the number of pipes for R400 derivatives may be more or less. Additionally, R400 may have less pipes if some of them are disabled. For test purposes, the disabled pipes can be different for vertex processing and pixel processing.

The following VGT register fields have settings that are dependent on the number of enabled shader pipes for vertex processing.

- VGT_VERTEX_REUSE_BLOCK_CNTL.VTX_REUSE_DEPTH
- VGT_OUT_DEALLOC_CNTL.DEALLOC_DIST

### 4.3.3.1 Programming for Disabled Pipes - Vertex Reuse

The general, all-case formula for the setting for VGT_VERTEX_REUSE_BLOCK_CNTL.VTX_REUSE_DEPTH is

reuse_depth <= ( 4 * number_enabled_vtx_pipes ) - 2

The reuse depth should be set as high as allowed by this equation for optimum performance. The more specific, prim-type dependent formula is

reuse_depth <= ( 4 * number_enabled_vtx_pipes ) - ( num_indices_in_prim_type - 1 )

The later term can be safely set to 2 (as it is in the general formula) to cover all prim types. Remember that quads cannot be sent through the Vertex Reuse Block without first being decomposed into triangles.

### 4.3.3.2 Programming for Disabled Pipes - Deallocation Distance

The following equation is the general, all-case equation to use for VGT_OUT_DEALLOC_CNTL.DEALLOC_DIST.

Dealloc_dist >= ( 4 * number_enabled_vtx_pipes ) >= 4

The general formula for the setting for VGT_OUT_DEALLOC_CNTL.DEALLOC_DIST is

Dealloc_dist >= reuse_depth + 2 >= 4

For the first equation above, the reuse_depth is the VGT_VERTEX_REUSE_BLOCK_CNTL.VTX_REUSE_DEPTH setting for the vertex reuse block, 2 for the pass thru block, and the VGT_HOS_REUSE_DEPTH.REUSE_DEPTH setting for the tessellation block. The deallocation distance should never be set less than four.

## 4.3.4 *Programming for Major Mode 1*

Major Mode 1 allow more control over the grouper which, in turn, allows the driver/app/user more flexibility over the data that is sent to the vertex shaders.

### 4.3.4.1 Stride 0

It may be necessary, especially in multi-pass scenarios, to have a grouper output vector that has nothing in it but AUTO_PRIM_INDX. Such a vector does not reference any data from the shifter and could (arguably should) have a stride of zero in the VGT_GROUP_VECT_x_CNTL register. However, a value of zero is illegal for an active vector in the grouper because the cases caused timing problems in the hardware and were, therefore, excluded. It is not legal (or ever necessary) to have only one vector enabled that does not reference any shifter data (stride==0), therefore the

zero stride situation only occurs when both grouper vectors are enabled and one of them does reference shifter data and one of them does not.

The programming solution to the stride==0 scenario is to set both vectors to the stride of the vector that does not have a non-zero stride and to set the shift of the first vector (vect_0) to zero and the second vector (vect_1) to the stride of the second vector. This creates two vectors that fully overlap on the shifter data needed by just one of the vectors and avoids the stride==0 case.

## 4.4 General Checks on Grouper Programming

Here are some sanity checks that can be performed on the user's settings before processing a draw initiator. These checks are most useful for verifying the settings for major mode 1.

1. The number of indices specified in the VGT_DRAW_INITIATOR should be greater than or equal to the first_decr field in VGT_GROUP_FIRST_DECR register.
2. The number of indices specified in the VGT_DRAW_INITIATOR minus the first_decr field in VGT_GROUP_FIRST_DECR register should be a multiple of the decr field in the VGT_GROUP_DECR register.
3. If any components are enabled (COMP_X_EN, COMP_Y_EN, COMP_Z_EN, or COMP_W_EN) in the register VGT_GROUP_VECT_1_CNTL, then it is highly unlikely that an overlapping shift is useful or desired. Therefore, if the user enables components in vector 1, then the shift and stride fields should be equal in the VGT_GROUP_VECT_0_CNTL register. Similarly, the shift and stride field should be equal in the VGT_GROUP_VECT_1_CNTL register.

# 5. Logic description

## 5.1 DMA Engine

## 5.2 Primitive Grouper

### 5.2.1 *Primitive Types*

This section describes the primitive types supported by R400 and how the prim type information flows through the VGT.

The PRIM_TYPE field in the VGT_DRAW_INITIATOR uses the "VGT_DI_PRIM_TYPE" enumeration specified in the "vgt.blk" file. For the emulator, the #define statements for this enumeration are auto-generated into "devel/cmn_lib/include/reg/vgt_reg.h". The named values for this enumeration listed below.

- DI_PT_NONE
- DI_PT_POINTLIST
- DI_PT_LINELIST
- DI_PT_LINESTRIP
- DI_PT_TRILIST
- DI_PT_TRIFAN
- DI_PT_TRISTRIP
- DI_PT_TRI_WITH_WFLAGS
- DI_PT_RECTLIST
- DI_PT_UNUSED_1
- DI_PT_UNUSED_2
- DI_PT_UNUSED_3
- DI_PT_LINELOOP
- DI_PT_QUADLIST
- DI_PT_QUADSTRIP
- DI_PT_POLYGON
- DI_PT_2D_COPY_RECT_LIST_V0
- DI_PT_2D_COPY_RECT_LIST_V1

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- DI_PT_2D_COPY_RECT_LIST_V2
- DI_PT_2D_COPY_RECT_LIST_V3
- DI_PT_2D_FILL_RECT_LIST
- DI_PT_2D_LINE_STRIP
- DI_PT_2D_TRI_STRIP

**The PRIM_TYPE field in the VGT_DRAW_INITIATOR is only used (by the VGT) in Major Mode 0.** For Major Mode 0, the vgt_grouper block determines implied settings for the PRIM_TYPE and PRIM_ORDER fields of the VGT_GRP_PRIM_TYPE register from the PRIM_TYPE field in the VGT_DRAW_INITIATOR register.

For Major Mode 1, the PRIM_TYPE and PRIM_ORDER fields from the VGT_GRP_PRIM_TYPE register are used directly and the PRIM_TYPE field in the VGT_DRAW_INITIATOR register is NOT used.

The PRIM_TYPE field from the VGT_GRP_PRIM_TYPE register (implicitly or directly) uses the "VGT_GRP_PRIM_TYPE" enumeration in the "vgt.blk" file. The values for this enumeration are listed below. (See Table 9 for the implicit conversion from the PRIM_TYPE in the VGT_DRAW_INITIATOR to the PRIM_TYPE field in the VGT_GRP_PRIM_TYPE register.)

- VGT_GRP_3D_POINT
- VGT_GRP_3D_LINE
- VGT_GRP_3D_TRI
- VGT_GRP_3D_RECT
- VGT_GRP_3D_QUAD
- VGT_GRP_2D_COPY_RECT_V0
- VGT_GRP_2D_COPY_RECT_V1
- VGT_GRP_2D_COPY_RECT_V2
- VGT_GRP_2D_COPY_RECT_V3
- VGT_GRP_2D_FILL_RECT
- VGT_GRP_2D_LINE
- VGT_GRP_2D_TRI

The PRIM_ORDER field from the VGT_GRP_PRIM_TYPE register uses the"VGT_GRP_PRIM_ORDER" enumeration in the "vgt.blk" file. The values for this enumeration are listed below. (See Table 9 for the implicit conversion from the PRIM_TYPE in the VGT_DRAW_INITIATOR to the PRIM_ORDER field in the VGT_GRP_PRIM_TYPE register.)

- VGT_GRP_LIST
- VGT_GRP_STRIP
- VGT_GRP_FAN
- VGT_GRP_LOOP
- VGT_GRP_POLYGON

At the back end of the vgt_grouper block, the PRIM_TYPE is translated again to a smaller set. For the vgt_vtx_reuse block and the vgt_passthru block, the vgt_grouper block translates the prim type directly to a legal PA prim type. The legal PA prim types are specified in the "VGT_OUT_PRIM_TYPE" enumeration in the "vgt.blk" file. The values for this enumeration are listed below.

- VGT_OUT_POINT
- VGT_OUT_LINE
- VGT_OUT_TRI
- VGT_OUT_RECT_V0
- VGT_OUT_RECT_V1
- VGT_OUT_RECT_V2
- VGT_OUT_RECT_V3

For the tessellation engine, the vgt_grouper block can also translate the prim type to one of the following enumerations that are also defined in "VGT_OUT_PRIM_TYPE". Note that bit 2^3 (the fourth bit) is set in the value for each of these tessellation engine prim types. The vgt_vtx_reuse block and the vgt_passthru block will only use the 3 LSBs of the prim type from the vgt_grouper. The vgt_tessellation_engine will use all four bits.



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- VGT_TE_QUAD (from VGT_GRP_PRIM_TYPE::VGT_GRP_3D_QUAD)
- VGT_TE_PRIM_INDEX_LINE (from VGT_GRP_PRIM_TYPE::VGT_GRP_PRIM_INDEX_LINE)
- VGT_TE_PRIM_INDEX_TRI (from VGT_GRP_PRIM_TYPE::VGT_GRP_PRIM_INDEX_TRI)
- VGT_TE_PRIM_INDEX_QUAD (from VGT_GRP_PRIM_TYPE::VGT_GRP_PRIM_INDEX_QUAD)

These prim types cannot be sent to the PA; therefore, if the tessellation engine receives one of these prim types, then it will translate the prim type to the appropriate legal PA prim type prior to sending the primitive to the vgt_out block.

#### 5.2.1.1 Provoking Vertex

If flat shading is enabled for a primitive, then the provoking vertex is the vertex whose color is used to shade the entire primitive. OpenGL and Direct3D differ (for most primitive types) in their respective selections of the provoking vertex. **The VGT will be designed so that the OpenGL primitives will always program the provoking vertex select to "last vertex" and the Direct3D primitives will always program the provoking vertex select to "first vertex".**

In PVS mode, Direct3D does not provide enough information to "correctly" implement flat shading with HOS turned on. Therefore, **for Direct3D on R400, HOS and flat shading will be mutually exclusive modes.** Some more legwork needs to be done for flat shading with HOS on OpenGL.

*OpenGL Specification*
The following table is based directly on table 4-2 from OpenGL Programming Guide, Second Edition. (The version in the OpenGL spec counts vertices and primitives starting at 1, whereas this version counts vertices and primitives starting at 0. After swapping for specified vertex order within the primitive, the provoking vertex is the last vertex in the primitive with the exception of the polygon primitive where the first vertex is the provoking vertex.

Table 5.OpenGL Provoking Vertex.

| Type of Polygon | OpenGL Vertex Used to Select the Color for the $i^{th}$ Polygon | Direct3D Vertex Used to Select the Color for the $i^{th}$ Polygon |
|---|---|---|
| single polygon | 0 | N/A |
| triangle strip | i+2 (last vtx in tri) | i (first vtx in tri) |
| triangle fan | i+2 (last vtx in tri) | i (first vtx in tri) |
| independent triangle (triangle list) | 3i+2 (last vtx in tri) | 3i (first vtx in tri) |
| quad strip[1] | 2i+3 (next-to-last vtx in quad) | N/A — 2i (first vtx in quad) |
| independent quad | 4i+3 (last vtx in quad) | N/A — 4i (first vtx in quad) |

*Direct X Specification*
The DirectX 8.0 documentation states "When flat shading is enabled, the system shades the triangle with the color from its first vertex." There is no direct mention of flat shading lines, but the VGT design assumes that lines also use the first vertex in each line segment as the provoking vertex.

#### 5.2.1.2 Point List

To Be Written

#### 5.2.1.3 Line List

To Be Written

#### 5.2.1.4 Line Strip

To Be Written

[1] For OpenGL quad strips, the provoking vertex is the last vertex in the vertex buffer that forms the primitive; however, it is the next-to-last vertex the primitive using the primitive-relative vertex order. For example, if the vertex buffer contains V0, V1, V2, and V3 in that order, then the first quad primitive from that strip will have the vertex order V0, V1, V3, V2. The provoking vertex for the quad is V3. See Figure 21 for more detail.

#### 5.2.1.5 Line Loop

To Be Written

#### 5.2.1.6 Triangle List

The first edge in each triangle is a bold line. For OpenGL, the last vertex (shown with a square box in Figure 14) is used as the provoking vertex. For Direct3D, the first vertex (shown in a circle in Figure 14) in each triangle in a triangle list is the provoking vertex.

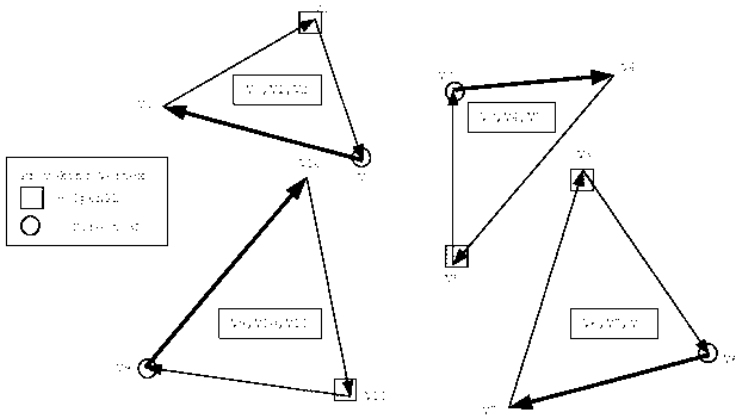


Figure 14. OpenGL and Direct3D Triangle List Order.

#### 5.2.1.7 Triangle Strip

The first edge in each triangle is a bold line. Note for OpenGL, only the last vertex (shown with a square box in Figure 15) in each triangle progresses in a series (V2, V3, V4, etc). For OpenGL, the last vertex is used as the provoking vertex.

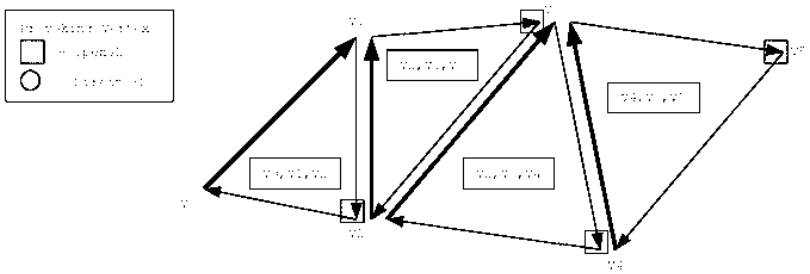


Figure 15. OpenGL Triangle Strip Order.

The first edge in each triangle is a bold line. Note for Direct3D, only the first vertex (shown in a circle in Figure 16) in each triangle progresses in a series (V0, V1, V2, etc). For Direct3D, the first vertex is used as the provoking vertex.

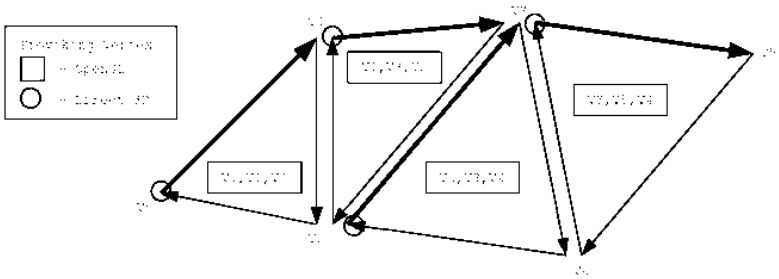


Figure 16. Direct3D Triangle Strip Order.

#### 5.2.1.8 Triangle Fan

The first edge in each triangle is a bold line. Note for OpenGL, the last vertex (shown with a square box Figure 17) is used as the provoking vertex.

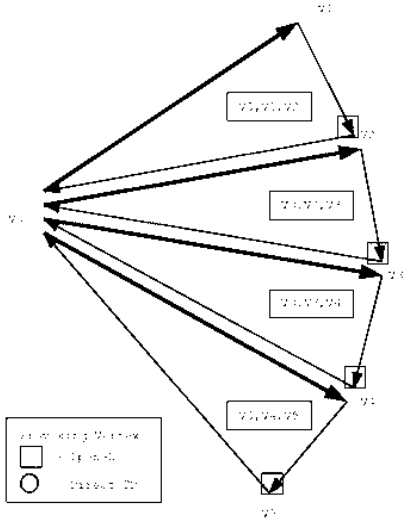


Figure 17. OpenGL Triangle Fan Order.

The first edge in each triangle is a bold line. Note for Direct3D, the first vertex (shown in a circle in Figure 18) is used as the provoking vertex.

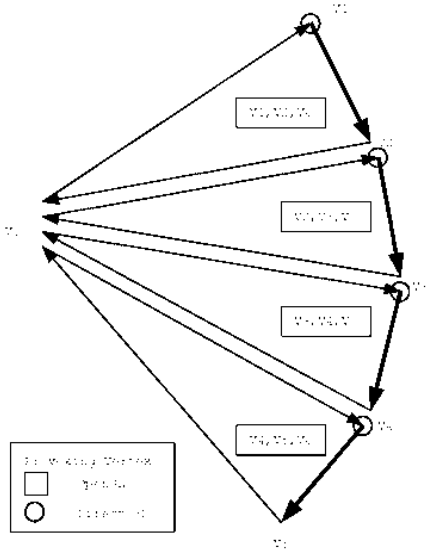


Figure 18. Direct3D Triangle Fan Order.

#### 5.2.1.9 Quad List

The first edge in each quad is a bold line. Note for OpenGL, the last vertex (shown with a square box Figure 19) is used as the provoking vertex.

There is currently no definition of a quad list primitive type in Direct3D (as of DX9, Nov 2001). The VGT design assumes that if such a primitive type were to appear in Direct3D, it would use the first vertex in each quad as the provoking vertex.

For R400, the rasterizer hardware cannot render a quad primitive; however, the tessellation engine can process a quad primitive type. Therefore, when processing without the tessellation engine, quad list primitives will be decomposed (by the VGT) into two triangles which each contain the provoking vertex. The vertices will be ordered such that the provoking vertex is the correct for the current provoking vertex state settings. When processing with the tessellation engine, the quad primitives are sent intact to the tessellation engine.

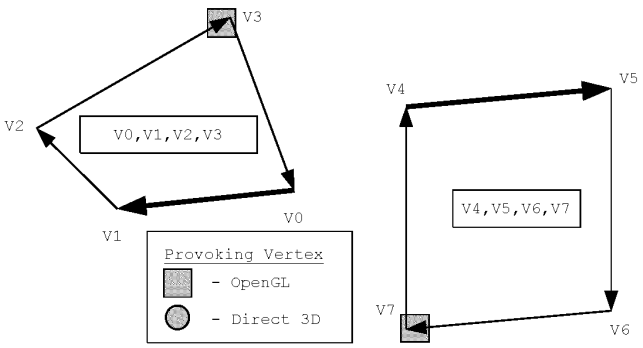



Figure 19. OpenGL Quad List Order.

Figure 20 shows Figure 19 with the individual quads decomposed into triangles. The decomposition scheme shown is required for R400 because the R400 rasterizer cannot process quad primitives and the provoking vertex must be in each sub-triangle (and it must be the last vertex in each sub-triangle). The decomposition shown is consistent with R100, R200, and R300, but it is inconsistent with Microsoft and nVidia's GeForce3, which both seem to split the other way. The VGT will attach flags to the interior edges of the sub-triangles to prevent those edges from being drawn in wireframe mode. It is not possible, using the R400 rasterizer, to split the quad in such a way that each sub-triangle contains the provoking vertex **and** that the edges of the original quad are draw in the correct order for line stippling. In this case, the line stipple is sacrificed. After much review, this compromise seems acceptable to anyone that at least had an opinion.

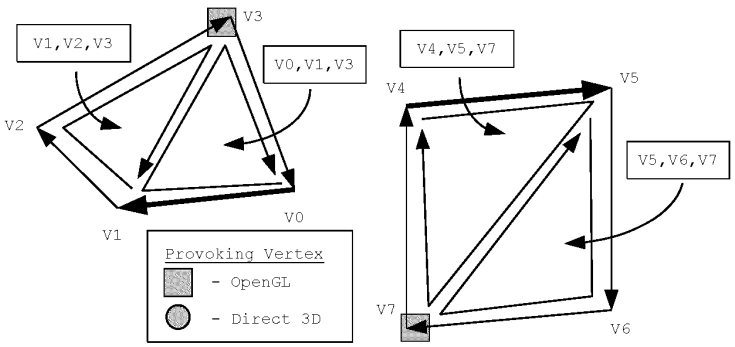



Figure 20. Triangular Decomposition of OpenGL Quad List.

#### 5.2.1.10 Quad Strip

The first edge in each quad is a bold line. Note for OpenGL, the next-to-last vertex in the primitive vertex order (shown with a square box Figure 21) is used as the provoking vertex. This vertex is next-to-last in the primitive vertex order,

however, it is the last vertex supplied to form the primitive. The dashed lines in Figure 21 indicate where the vertex list is used out of order.

There is currently no definition of a quad strip primitive type in Direct3D (as of DX9, Nov 2001). The VGT design assumes that if such a primitive type were to appear in Direct3D, it would use the first vertex in each quad as the provoking vertex.

For R400, the rasterizer hardware cannot render a quad primitive; however, the tessellation engine can process a quad primitive type. Therefore, when processing without the tessellation engine, quad list primitives will be decomposed (by the VGT) into two triangles which each contain the provoking vertex. The vertices will be ordered such that the provoking vertex is the correct for the current provoking vertex state settings. When processing with the tessellation engine, the quad primitives are sent intact to the tessellation engine.

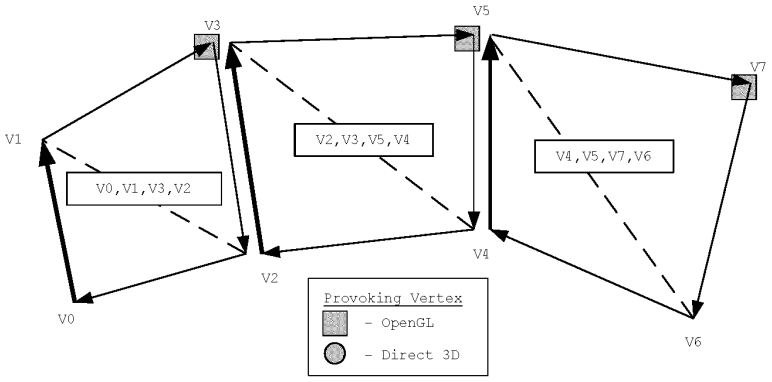



Figure 21. Quad Strip Order.

Figure 22 shows Figure 21 with the individual quads decomposed into triangles. The decomposition scheme shown is required for R400 because the R400 rasterizer cannot process quad primitives and the provoking vertex must be in each sub-triangle (and it must be the last vertex in each sub-triangle). The decomposition shown is consistent with Microsoft, R100, R200, and R300, but it is inconsistent with nVidia's GeForce3, which seems to split the other way. The VGT will attach flags to the interior edges of the sub-triangles to prevent those edges from being drawn in wireframe mode. It is not possible, using the R400 rasterizer, to split the quad in such a way that each sub-triangle contains the provoking vertex as the last vertex in the sub-triangle **and** that the edges of the original quad are draw in the correct order for line stippling. In this case, the line stipple is sacrificed. After much review, this compromise seems acceptable to anyone that at least had an opinion.

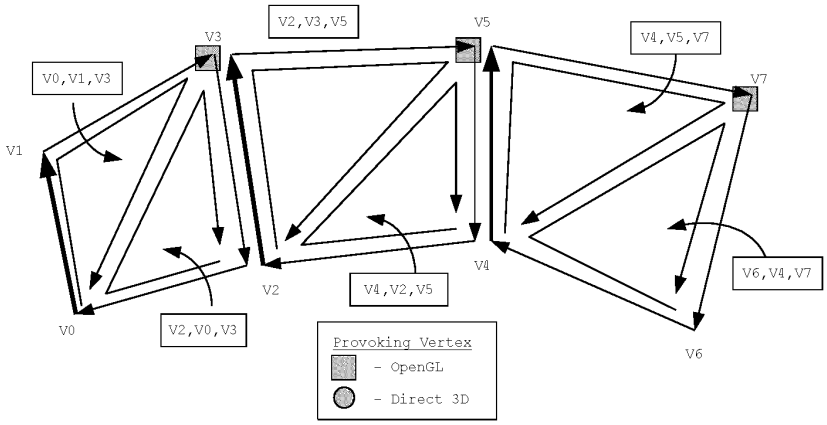



Figure 22. Triangular Decomposition of OpenGL Quad Strip..

#### 5.2.1.11 OpenGL Polygon Type

The first edge in the polygon is a bold line. Note for OpenGL, the first vertex (shown with a square box Figure 24) is used as the provoking vertex.

There is currently no definition of a polygon primitive type in Direct3D. The VGT design assumes that if such a primitive type were to appear in Direct3D, it would use the first vertex as the provoking vertex.

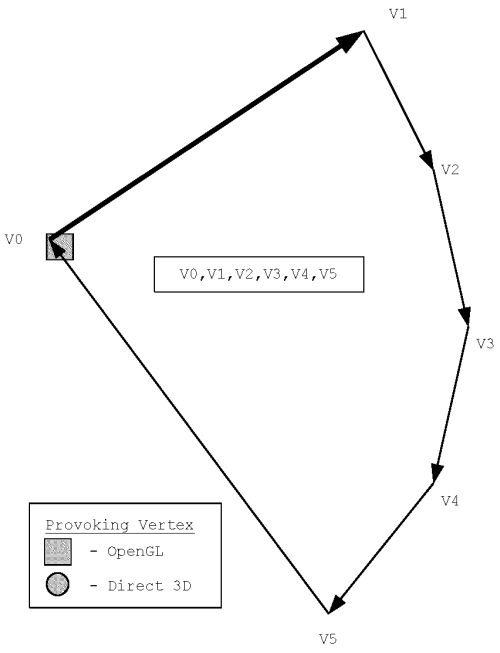



Figure 23. OpenGL Polygon.

According to OpenGL Programming Guide, Second Edition - page 45, the prim type polygon "draws a polygon using the points $v_0$, …, $v_{n-1}$ as vertices. *n* must be at least 3, or nothing is drawn. In addition, the polygon specified must not intersect itself and must not be convex. If the vertices don't satisfy these conditions, the results are unpredictable."

For R400, the rasterizer hardware cannot render a polygon primitive. Therefore, polygon primitives will be decomposed by the VGT into an OpenGL-ordered triangle list wherein the vertices of the sub-triangles of the list will be ordered so that the provoking vertex (the last vertex in each sub-triangle) will be the first vertex of the original polygon primitive.

Figure 24 shows Figure 24 with the polygon decomposed into triangles. The decomposition scheme shown is required for R400 because the R400 rasterizer cannot process polygons and the provoking vertex must be in each sub-triangle (and it must be the last vertex in each sub-triangle). The VGT will attach flags to the interior edges of the sub-triangles to prevent those edges from being drawn in wireframe mode. It is not possible, using the R400 rasterizer, to split the polygon in such a way that each sub-triangle contains the provoking vertex as the last vertex in the sub-triangle **and** that the edges of the original polygon are draw in the correct order for line stippling. In this case, the line stipple is sacrificed. After much review, this compromise seems acceptable to anyone that at least had an opinion.

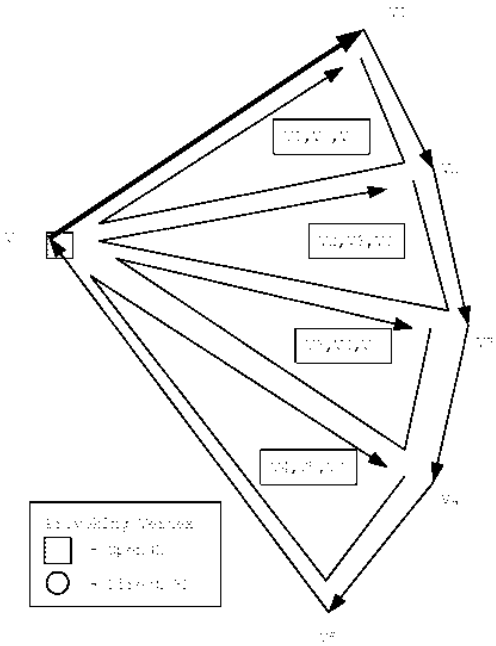


Figure 24. Triangular Decomposition of OpenGL Polygon.



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#### 5.2.1.12 Primitive Vertex Ordering and Provoking Vertex Summary

Table 6.Primitive Vertex Order and Provoking Vertex Summary

| **Underlined Vertex is the Provoking Vertex for Flat Shading** | | |
|---|---|---|
| **Primtive Type** | **Direct3D** | **OpenGL** |
| Point | V0<br>V1 | V0<br>V1 |
| Line List | V0, V1<br>V2, V3 | V0, V1<br>V2, V3 |
| Line Strip | V0, V1<br>V1, V2 | V0, V1<br>V1, V2 |
| Line Loop | V0, V1<br>V1, V2<br>V2, V0 <= created by VGT | V0, V1<br>V1, V2<br>V2, V0 <= created by VGT |
| Tri List | V0, V1, V2<br>V3, V4, V5 | V0, V1, V2<br>V3, V4, V5 |
| Tri Strip | V0, V1, V2<br>V1, V3, V2 <= VGT swaps last two | V0, V1, V2<br>V2, V1, V3 <= VGT swaps first two |
| Tri Fan | V1, V2, V0 <= VGT rotates first to last<br>V2, V3, V0 <= VGT rotates first to last | V0, V1, V2<br>V0, V2, V3 |
| Quad List (Native) | Does not exist — assumed<br>V0, V1, V2, V3<br>V4, V5, V6, V7 | V0, V1, V2, V3<br>V4, V5, V6, V7 |
| Quad List (Decomposed) | Does not exist — assumed<br>V0, V1, V2 and V0, V2, V3<br>V4, V5, V6 and V4, V6, V7 | V0, V1, V3 and V1, V2, V3<br>V4, V5, V7 and V5, V6, V7 |
| Quad Strip (Native) | Does not exist — assumed<br>V0, V1, V3, V2 <= VGT swaps last two<br>V2, V3, V5, V4 <= VGT swaps last two<br>V4, V5, V7, V6 <= VGT swaps last two | V0, V1, V3, V2 <= VGT swaps last two<br>V2, V3, V5, V4 <= VGT swaps last two<br>V4, V5, V7, V6 <= VGT swaps last two |
| Quad Strip (Decomposed) | Does not exist — assumed<br>V0, V1, V3 and V0, V3, V2<br>V2, V3, V5 and V2, V5, V4<br>V4, V5, V7 and V4, V7, V6 | V0, V1, V3 and V1, V2, V3<br>V2, V3, V5 and V3, V4, V5<br>V4, V5, V7 and V5, V6, V7 |
| Polygon (Decomposed) | Does not exist — assumed<br>V0, V1, V2, and<br>V0, V2, V3 and<br>V0, V3, V4 etc… | V1, V2, V0 <= VGT rotates first to last<br>V2, V3, V0 <= VGT rotates first to last<br>V3, V4, V0 <= VGT rotates first to last |

### 5.2.2 *Line Stipple Wireframe Fill Mode of Quads/Polygons*

This section addresses line stipple for wireframe fill mode. It applies to the following primitive types: triangles lists, triangle strips, triangle fans, quad lists, quad strips, and polygons. This issue is mostly related to OpenGL.

Do not confuse this topic with line stipple for line lists and line strips which have very strict conformance tests and a very well known industry understanding of correctness.

There is very little consensus in the industry about the “correct answer” for line stipple with wireframe fill mode. This is not a required test mode for OpenGL conformance. nVidia’s GeFarce3 does not even stipple wireframe lines in this mode.

For R400, an attempt will be made to get the "correct" rendering of wireframe line stippling for triangle lists, triangle strips, and triangle fans. The VGT achieves this by sending the vertices down the primitive path in the order specified by the API (for both D3D and OpenGL). For triangle lists, the vertex order is specified by the list. For triangle strips and triangle fans, the vertices will be re-ordered so that the primitives start on the correct (API specified) vertex and have the provoking vertex in the correct position within the primitive.

For OpenGL quad lists, the quads must be split into triangles a specific way so that the provoking vertex is in each triangle. This split makes it impossible to achieve the "correct" rendering of wireframe line stippling.

For OpenGL quad strips, it is possible to achieve the "correct" rendering of wireframe line stippling; however, the provoking vertex location would vary between the two sub-triangles of the quad. This requires additional storage in the VGT-Clipper primitive FIFO to communicate the location of the provoking vertex, and it would complicate the VGT-Clipper interface. Therefore, the VGT will not achieve the "correct" rendering of wireframe line stippling for quad strips.

For OpenGL polygons, it is possible to achieve the "correct" rendering of wireframe line stippling; however, the provoking vertex location would differ from all the other OpenGL primitive types. This would require that the OpenGL driver do a check of the primitive type during the "Begin" call. The OpenGL driver team perceives this check to be expensive and very undesirable. . For this reason, the VGT will decompose OpenGL polygons into a triangle list that is consistent with the normal OpenGL triangle list (in terms of provoking vertex). Using this method, the VGT will not achieve the "correct" rendering of wireframe line stippling for polygons.

## 5.3 Vertex Reuse Determination

## 5.4 Pass-thru

## 5.5 Tessellation Engine

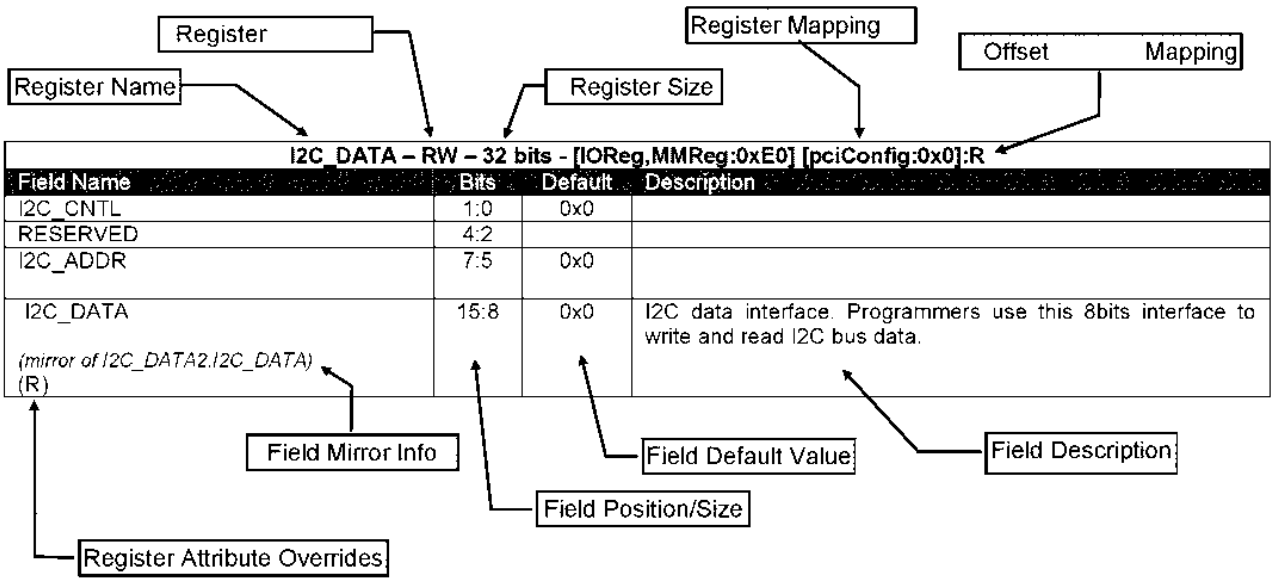
The Tessellation Engine is a fixed-function block. It understands a finite set of modes, each of which is defined for a specific purpose. Table 7 below shows ALL of the modes supported by the R400 tessellation engine. For this table, a standard index is a 24-bit index. Note that R400 cannot perform adaptive tessellation in a single pass. For adaptive tessellation, R400 must first process the primitive data and produce an array of adaptive tessellation factors.

Table 7. Tessellation Engine Modes.

| Mode Name | Tessellator Input | | | | | Tessellator Output | | VTG Output Prim Type | VGT Output (all floats) |
|---|---|---|---|---|---|---|---|---|---|
| | Prim Type (from PG) | Index Memory Size | Two Cycle Input Mode | Cycle 0 | Cycle 1 | Two Cycle Output Mode | Tess Output (all fixed) | | |
| Line List - Single Pass | 2 | std | 0 | 2 std indx | -- | 0 | 2 std indx<br>1 coord | Line List | 2 indx<br>1 coord |
| Tri List - Single Pass | 4 | std | 0 | 3 std indx | -- | 1 | 3 std indx<br>3 coord | Tri List | 3 indx<br>3 coord |
| Quad List - Single Pass | 13 | std | 1 | 3 std indx | 1 std indx | 1 | 4 std indx<br>2 coord | Tri List | 4 indx<br>2 coord |
| L-Patch - Single Pass | 24 | std | 0 | 1 std indx | -- | 0 | 1 std indx<br>1 coord | Line List | 1 std indx<br>1 coord |
| T-Patch - Single Pass | 25 | std | 0 | 1 std indx | -- | 1 | 1 std indx<br>1 quad id<br>3 coord | Tri List | 1 std indx<br>1 quad id<br>3 coord |
| R-Patch - Single Pass | 26 | std | 0 | 1 std indx | -- | 1 | 1 std indx<br>1 quad id<br>2 coord | Tri List | 1 std indx<br>1 quad id<br>2 coord |
| Last of Multi-pass HOS Line (non-adaptive) | 24 | -- | 0 | 1 auto-index | -- | 0 | 1 auto-index<br>1 quad id<br>1 coord | Line List | 1 auto<br>1 quad id<br>1 coord |
| Last of Multi-pass HOS Line (adaptive) | 24 | 1 tess factor (float) | 0 | 1 tess factor (float)<br>1 auto-index | -- | 0 | 1 auto-index<br>1 quad id<br>1 coord | | 1 auto<br>1 quad id<br>1 coord |
| Last of Multi-pass HOS Tri (non-adaptive) | 25 | -- | 0 | 1 auto-index | -- | 1 | 1 auto-index<br>1 quad id<br>3 coord | Tri List | 1 auto<br>1 quad id<br>3 coord |
| Last of Multi-pass HOS Tri (adaptive) | 25 | 3 tess factors (float) | 1 | 3 tess factors (float) | 1 auto-index | 1 | 1 auto-index<br>1 quad id<br>3 coord | | 1 auto<br>1 quad id<br>3 coord |
| Last of Multi-pass HOS Quad (non-adaptive) | 26 | -- | 0 | 1 auto-index | -- | 1 | 1 auto-index<br>1 quad id<br>2 coord | Tri List | 1 auto<br>1 quad id<br>2 coord |
| Last of Multi-pass HOS Quad (adaptive) | 26 | 4 tess factors (float) | 1 | 3 tess factors (float) | 1 tess factor 1 auto-index | 1 | 1 auto-index<br>1 quad id<br>2 coord | | 1 auto<br>1 quad id<br>2 coord |

# 6. Register Specification

As seen in Figure 10, the VGT is entirely controlled by the Global Register Bus (GRB). The GRB can write to four main targets within the VGT. They are the draw initiator register, the immediate data register, and the VGT DMA control registers, and the VGT state registers. This section of the spec describes each of these main targets in turn. If this spec conflicts with the "R400 Block File", then the "R400 Block File" should be considered the correct version, because it is tied into the emulator.




**Field Explanation:**

- Register Name – Name of the register.
- Register Attributes – R:Readable; W:Writable
- Register Mapping –Aperture/Decode the register is mapped to
- **[aperName:offset]** – single mapping, to one aperture/decode and one offset
- **[aperName1, aperName2, ..., aperNameN:offset]** – multiple mappings to different apertures/decodes but same offset
- **[aperName:startOffset-endOffset]** – mapped to an offset range in the same aperture/decode
- Register Mapping Override – R/W attribute of register is override by the preceding mapping.
- Register Size – Size of the register in bits.
- Field Name –Name of fields in the register.
- Field Position/Size – Field position and size.
- Field Default Value – The default value of the field when the chip first loads.
- Field Description –Description of the field.
- Field Mirror Info –If the field is mirrored, this indicates the register and field the specified field is mirrored to.
- Register Attribute Overrides – If the field R/W attributes have been overridden.

**Note:**

1. A 'RESERVED' field indicates the value for that field is undetermined and must not be relied upon.

## 6.1 GFX_COPY_STATE

| GFX_COPY_STATE - W - 32 bits - GFXDEC0:0x7D0{xe "GFX_COPY_STATE GFXDEC0\:0x7D0"} | | | |
|---|---|---|---|
| **Field Name** | **Bits** | **Default** | **Description** |
| SRC_STATE_ID | 2:0 | none | Source State ID |

Register write created by CP to copy one entire state context to another. This command affects all state context registers (all GFX registers except VGT_DRAW_INITIATOR, VGT_EVENT_INITIATOR, VGT_IMMED_DATA, VGT_DMA_SIZE, VGT_DMA_BASE, and GFX_COPY_STATE which are really triggers and not storage register). The source state context of the copy is specified in the write data. The destination state context is specified by the GFX decode space into which the write is addressed.

## 6.2 VGT_DRAW_INITIATOR

**This is a write-only register because it is actually the write-port for the Draw Initiator FIFO.**

VGT_DRAW_INITIATOR is the register for triggering execution of a draw packet (2D or 3D).

The act of writing this register is a trigger that initiates processing in the VGT. There are 8 addresses for the draw initiator register, but there are not 8 copies of this register in the R400 chip. Writing to a particular address for the draw initiator register causes one of the eight state contexts to be assigned to the "draw trigger". This state context assignment is propagated downstream and used by all the various parts of the chip that are involved in executing this draw trigger. The following table describes the information in the draw initiator register.

The act of writing this register is a trigger that initiates processing in the VGT. The following table describes the information in the draw initiator register.

| VGT_DRAW_INITIATOR - W - 32 bits - GFXDEC0:0x7F0{xe "VGT_DRAW_INITIATOR GFXDEC0\:0x7F0"} | | | |
|---|---|---|---|
| **Field Name** | **Bits** | **Default** | **Description** |
| PRIM_TYPE | 5:0 | 0x0 | Primitive Type (This field is only used in Major mode 0. For Major Mode 1, the prim type specified in the VGT_GRP_PRIM_TYPE register is used.)<br>0=DI_PT_NONE (does not cause a trigger)<br>1=DI_PT_POINTLIST<br>2=DI_PT_LINELIST<br>3=DI_PT_LINESTRIP<br>4=DI_PT_TRILIST<br>5=DI_PT_TRIFAN<br>6=DI_PT_TRISTRIP<br>7=DI_PT_TRI_WITH_WFLAGS [2]<br>8=DI_PT_RECTLIST [3]<br>9=DI_PT_UNUSED_1<br>10=DI_PT_UNUSED_2<br>11=DI_PT_UNUSED_3<br>12=DI_PT_LINELOOP<br>13=DI_PT_QUADLIST<br>14=DI_PT_QUADSTRIP<br>15=DI_PT_POLYGON<br>16=DI_PT_2D_COPY_RECT_LIST_V0<br>17=DI_PT_2D_COPY_RECT_LIST_V1<br>18=DI_PT_2D_COPY_RECT_LIST_V2<br>19=DI_PT_2D_COPY_RECT_LIST_V3<br>20=DI_PT_2D_FILL_RECT_LIST<br>21=DI_PT_2D_LINE_STRIP<br>22=DI_PT_2D_TRI_STRIP |
| SOURCE_SELECT | 7:6 | 0x0 | Input Source Select.<br>If the Source Select field is set to 'Auto-increment Index' mode and the Primitive Type is set to 'Tri List w/Flags', then the draw initiator is processed as just a regular 'Tri List'.<br>0=DI_SRC_SEL_DMA VGT<br>1=DI_SRC_SEL_IMMEDIATE<br>2=DI_SRC_SEL_AUTO_INDEX<br>3=DI_SRC_SEL_RESERVED |
| MAJOR_MODE | 10:8 | 0x0 | Major Mode<br>0=DI_MAJOR_MODE_0 Normal (Implicit) Mode -- applies only to prim types 0-21. Some VGT state registers are ignored (their values implied) in this mode.<br>1=DI_MAJOR_MODE_1 Explicit Mode -- Configuration completely specified by state registers.<br>2-7 : Reserved - unused |
| INDEX_SIZE | 11 | 0x0 | Index Size (applicable to prim types 0-15 only).<br>If the Source Select field is set to 'Auto-increment Index' mode, then this field is ignored and the index size is 24-bits (in a 32-bit word) per index.<br>0=DI_INDEX_SIZE_16_BIT<br>1=DI_INDEX_SIZE_32_BIT |

[2] Primitive type 7 indicates whether a 16-bit word of wFlags is present in the stream of indices. This primitive type is also known as Rage128 "Type-2" triangles. The 'Flags' word is ignored by the VGT. Only 16 bit indices are supported with this primitive type. See the R300 specification for more information. If the Source Select field is set to 'Auto-increment Index' mode and the Primitive Type is set to 'Tri List w/Flags', then the draw initiator is processed as just a regular 'Tri List'. This behavior is implemented in R400 because it does not make much sense to use 'Auto-increment Index' mode with Primitive Type set to 'Tri List w/Flags'.

[3] Primitive type 8 was reserved (not supported) in R300; however, it's R200 meaning has been resurrected for R400.

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| VGT_DRAW_INITIATOR - W - 32 bits - GFXDEC0:0x7F0{xe "VGT_DRAW_INITIATOR GFXDEC0\:0x7F0"} | | | |
|---|---|---|---|
| **Field Name** | **Bits** | **Default** | **Description** |
| NOT_EOP | 12 | 0x0 | This bit indicates that this draw initiator should not generate an end-of-packet signal because it will be followed by one or more chained draw initiators. Care must be taken so that this draw initiator is immediately followed, at the hardware interface, by a chained draw initiator. (In other words, chained draw initiators cannot be separated over driver buffer boundaries that can be interrupted. This bit is primarily intended to be set by the CP to improve the processing parallelism of small 2D blits.)<br>0=normal eop<br>1=suppress eop |
| NUM_INDICES | 31:16 | 0x0 | This field indicates the number of indices to process for this draw initiator. Note this count is not necessarily the count of the primitives. It is also not the index buffer size in memory. |

Draw Inititiator

Table 8.State Registers Ignored in VGT Major Mode 0

| |
|---|
| VGT_OUTPUT_PATH_CNTL |
| VGT_GROUP_DECR |
| VGT_GROUP_FIRST_DECR |
| VGT_GROUP_PRIM_TYPE |
| VGT_GROUP_VECT_0_CNTL |
| VGT_GROUP_VECT_0_FMT_CNTL |
| VGT_GROUP_VECT_1_CNTL |
| VGT_GROUP_VECT_1_FMT_CNTL |
| VGT_HOS_CNTL |
| VGT_HOS_MAX_TESS_LEVEL |
| VGT_HOS_MIN_TESS_LEVEL |
| VGT_HOS_REUSE_DEPTH |
| VGT_PASS_THRU_CNTL |

Table 9.State Settings Implied by Major Mode 0.

| | | DRAW INITIATOR PRIM TYPE (DI_PT_...) | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Register Name | Field Name | POINT LIST | LINE LIST | LINE STRIP | TRI LIST | TRI FAN | TRI STRIP | TRI WITH WFLAGS | RECT LIST | LINE LOOP | QUAD LIST | QUAD STRIP | POLYGON | 2D COPY RECT LIST V0 | 2D COPY RECT LIST V1 | 2D COPY RECT LIST V2 | 2D COPY RECT LIST V3 | 2D FILL RECT LIST | 2D LINE STRIP | 2D TRI STRIP |
| VGT_OUTPUT_PATH_CNTL | PATH_SELECT | VTX REUSE | | | | | | | | | | | | PASSTHRU | | | | | | |
| VGT_GROUP_FIRST_DECR | FIRST_DECR | 1 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 2 | 4 | 4 | 3 | 1 | 1 | 2 | 1 | 1 | 1 | 1 |
| VGT_GROUP_DECR | DECR | 1 | 2 | 1 | 3 | 1 | 1 | 3 | 3 | 1 | 4 | 2 | 3 | 1 | 1 | 2 | 1 | 1 | 1 | 1 |
| VGT_GROUP_PRIM_TYPE | PRIM_TYPE | PT | LINE | LINE | TRI | TRI | TRI | TRI | RECT_V0 | LINE | QUAD | QUAD | TRI | RECT_V0 | RECT_V1 | RECT_V2 | RECT_V3 | RECT_V0 | LINE | TRI |
| | PRIM_ORDER | LIST | LIST | STRIP | LIST | FAN | STRIP | LIST | LIST | LOOP | LIST | STRIP | POLY | LIST | LIST | LIST | LIST | LIST | STRIP | STRIP |
| VGT_GROUP_VECT_0_CNTL | COMP_X_EN | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | 1 | | | |
| | COMP_Y_EN | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | 1 | | | |
| | COMP_Z_EN | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | | | |
| | COMP_W_EN | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | | | |
| | STRIDE * | 1 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 2 | 4 | 4 | 3 | | | | 2 | | | |
| | SHIFT * | 1 | 2 | 1 | 3 | 1 | 1 | 3 | 3 | 1 | 4 | 2 | 1 | | | | 2 | | | |
| VGT_GROUP_VECT_0_FMT_CNTL | X_CONV ** | INDX | INDX | INDX | INDX | INDX | INDX | INDX | INDX | INDX | INDX | INDX | INDX | VGT_GRP_SINT_16 | | | | | | |
| | X_OFFSET * | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | | | | | | |
| | Y_CONV ** | — | INDX | INDX | INDX | INDX | INDX | INDX | INDX | INDX | INDX | INDX | INDX | VGT_GRP_SINT_16 | | | | | | |
| | Y_OFFSET * | — | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | | | | | | |
| | Z_CONV ** | — | — | — | INDX | INDX | INDX | INDX | INDX | — | INDX | INDX | INDX | — | | | | | | |
| | Z_OFFSET * | — | — | — | 2 | 2 | 2 | 2 | 2 | — | 2 | 2 | 2 | — | | | | | | |
| | W_CONV ** | — | — | — | — | — | — | — | — | — | INDX | INDX | — | — | | | | | | |
| | W_OFFSET * | — | — | — | — | — | — | — | — | — | 3 | 3 | — | — | | | | | | |
| VGT_GROUP_VECT_1_CNTL | COMP_X_EN | | | | | | | 0 | | | | | | | 1 | | | 0 | 1 | 1 |
| | COMP_Y_EN | | | | | | | 0 | | | | | | | 1 | | | 0 | 0 | 1 |
| | COMP_Z_EN | | | | | | | 0 | | | | | | | 0 | | | 0 | 0 | 0 |
| | COMP_W_EN | | | | | | | 0 | | | | | | | 0 | | | 0 | 0 | 0 |
| | STRIDE* | | | | | | | NOT USED | | | | | | | 2 | | | NOT USED | 2 | 2 |
| | SHIFT* | | | | | | | NOT USED | | | | | | | 2 | | | NOT USED | 2 | 2 |
| VGT_GROUP_VECT_1_FMT_CNTL | X_CONV | | | | | | | | | | | | | | VGT_GRP_SINT_16 | | | | UINT32 | UINT16 |
| | X_OFFSET | | | | | | | | | | | | | | 1 | | | | 0 | 1 |
| | Y_CONV | | | | | | | | | | | | | | VGT_GRP_SINT_16 | | | | — | UINT16 |
| | Y_OFFSET | | | | | | | | | | | | | | 0 | | | | — | 0 |
| | Z_CONV | | | | | | | NOT USED | | | | | | | — | | | NOT USED | — | — |
| | Z_OFFSET | | | | | | | | | | | | | | — | | | | — | — |
| | W_CONV | | | | | | | | | | | | | | — | | | | — | — |
| | W_OFFSET | | | | | | | | | | | | | | — | | | | — | — |
| VGT_PASS_THRU_CNTL | NONE YET | | | | | | | | | | | | | | | | | | | |
| VGT_HOS_CNTL | | NOT RELEVANT IN MAJOR MODE 0 | | | | | | | | | | | | | | | | | | |
| VGT_HOS_MAX_TESS_LEVEL | | | | | | | | | | | | | | | | | | | | |
| VGT_HOS_MIN_TESS_LEVEL | | | | | | | | | | | | | | | | | | | | |
| VGT_HOS_REUSE_DEPTH | | | | | | | | | | | | | | | | | | | | |

* If the VGT_DRAW_INITIATOR field INDEX_SIZE is set, then these values are doubled for prim types 0 through 15

** If the VGT_DRAW_INITIATOR field INDEX_SIZE is set, then INDX means VGT_GRP_INDEX_32, otherwise it means VGT_GRP_INDEX_16



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# 6.3 VGT_EVENT_INITIATOR

Event Inititiator

**VGT_EVENT_INITIATOR - W - 32 bits - GFXDEC0:0x7E4{xe "VGT_EVENT_INITIATOR GFXDEC0\:0x7E4"}**

| Field Name | Bits | Default | Description |
|---|---|---|---|
| EVENT_TYPE | 5:0 | 0x0 | POSSIBLE VALUES:<br>0 - VS_DEALLOC Vertex Shader Program Deallocate<br>1 - PS_DEALLOC Pixel Shader Program Deallocate<br>2 - VS_DONE_TS Vertex Shader Done TimeStamp<br>3 - PS_DONE_TS Pixel Shader Done TimeStamp<br>4 - CACHE_FLUSH_TS Cache Flushed TimeStamp -- All pior rendering is flushed to memory<br>5 - CONTEXT_DONE Next Context is done being used by the pipe.<br>6 - CACHE_FLUSH Cache Flushed -- All pior rendering is flushed to memory (No Timestamp is Generated<br>7 - VIZQUERY_START Start VizQuery accumulation<br>8 - VIZQUERY_END Finish VizQuerry accumulation<br>9 - SC_WAIT_WC SC wait for write confirm prior to submitting future pixel vectors<br>10 - MPASS_PS_CP_REFETCH SC report to CP to refetch buffer for multi-pass pixel shader<br>11 - MPASS_PS_RST_START SC reset the multi-pass start pixel vector<br>12 - MPASS_PS_INCR_START SC increment the multi-pass start vector by vectors_per_pass<br>13 - RST_PIX_CNT SQ reset auto pixel counter AND SC reset multi-pass pixel vector count<br>14 - RST_VTX_CNT SQ reset auto vertex counter<br>15 -RESERVED_0x0F Reserved -- available<br>16 -RESERVED_0x10 Reserved -- available<br>17 -RESERVED_0x11 Reserved -- available<br>18 -RESERVED_0x12 Reserved -- available<br>19 -RESERVED_0x13 Reserved -- available<br>20 -CACHE_FLUSH_AND_INV_TS_EVENT Same as CACHE_FLUSH_TS with an invalidate<br>21 -RESERVED_0x15 Reserved -- available<br>22 -CACHE_FLUSH_AND_INV_EVENT Same as CACHE_FLUSH with an invalidate<br>23 -PERFCOUNTER_START Start performance counters that are event-enabled<br>24 -PERFCOUNTER_STOP Stop performance counters that are event-enabled |
| UNUSED | 31:6 | 0x0 | |

Event Inititiator

## 6.4 VGT_DMA_BASE

There are two registers associated with the control of the VGT DMA engine. The first register in the pair is the VGT DMA base address register (VGT_DMA_BASE), which specifies the address where the DMA is to start. The second register in the pair is the VGT DMA size register (VGT_DMA_SIZE), which specifies the size of the DMA transfer. VGT_DMA_SIZE must be written as the last register write associated with a particular DMA action, because the act of writing VGT_DMA_SIZE initiates the DMA activity.

For consistency, there are 8 address pairs for the VGT DMA control registers. Writing to a particular pair for the VGT DMA control registers is identical to writing to any other pair of VGT DMA control registers.

The table below shows the fields of the VGT_DMA_BASE. The entire 32 bits of this register can be viewed as the base address of the DMA in bytes because the actual value of bit 0 of the register is ignored and is implied to be a zero bit. This insures that the DMA transfer is be word (16-bit) aligned.

| VGT_DMA_BASE - W - 32 bits - GFXDEC0:0x7E8{xe "VGT_DMA_BASE GFXDEC0\:0x7E8"} | | | |
|---|---|---|---|
| **Field Name** | **Bits** | **Default** | **Description** |
| BASE_ADDR | 31:0 | none | VGT DMA Base Address<br>This address must be naturally aligned to a 16-bit word. Therefore, bit 0 of this register must be 0 |

VGT DMA Base Address

## 6.5 VGT_DMA_SIZE

**This is a write-only register.**

There are two registers associated with the control of the VGT DMA engine. The first register in the pair is the VGT DMA base address register (VGT_DMA_BASE), which specifies the address where the DMA is to start. The second register in the pair is the VGT DMA size register (VGT_DMA_SIZE), which specifies the size of the DMA transfer. VGT_DMA_SIZE must be written as the last register write associated with a particular DMA action, because the act of writing VGT_DMA_SIZE initiates the DMA activity.

For consistency, there are 8 address pairs for the VGT DMA control registers. Writing to a particular pair for the VGT DMA control registers is identical to writing to any other pair of VGT DMA control registers.

| VGT_DMA_SIZE - W - 32 bits - GFXDEC0:0x7EC{xe "VGT_DMA_SIZE GFXDEC0\:0x7EC"} | | | |
|---|---|---|---|
| **Field Name** | **Bits** | **Default** | **Description** |
| NUM_WORDS | 23:0 | none | VGT DMA Word Count<br>Count of 16-bit words to be fetched by this DMA command. THE ACT OF WRITING THIS REGISTER TO THE HARDWARE QUEUES A VGT DMA OPERATION FOR EXECUTION. |
| SWAP_MODE | 31:30 | none | 0=VGT_DMA_SWAP_NONE No swap<br>1=VGT_DMA_SWAP_16_BIT 16-bit swap<br>0xAABBCCDD -> 0xBBAADDCC<br>2=VGT_DMA_SWAP_32_BIT 32-bit swap<br>0xAABBCCDD -> 0xDDCCBBAA<br>3=VGT_DMA_SWAP_WORD word swap<br>0xAABBCCDD -> 0xCCDDAABB |

VGT DMA Size

## 6.6 VGT_IMMED_DATA

**This is a write-only register.**

For consistency, there are 8 addresses for the VGT immediate data register (VGT_IMMED_DATA); however, there are not 8 copies of this register in the R400 chip. Writing to a particular address for the VGT immediate data register is identical to writing to any other address for the VGT immediate data register. Writing to any of the 8 addresses for the VGT immediate data register causes the 32 bit data word to be written in the VGT Immediate Data FIFO in the VGT block.

| VGT_IMMED_DATA - W - 32 bits - GFXDEC0:0x7F4{xe "VGT_IMMED_DATA GFXDEC0\:0x7F4"} | | | |
|---|---|---|---|
| **Field Name** | **Bits** | **Default** | **Description** |
| DATA | 31:0 | none | Data written to this address is written into the VGT Immediate Data FIFO. |

VGT Immediate Data

## 6.7 VGT State Block Registers

The VGT state registers adhere to the system standard state register behavior. There are multiple copies of each state register — 8 at the time of this writing). When the VGT block uses a state register value, it determines which copy to use by the state context that is active at that time (or stage in the pipeline).

This is a reference list of the VGT state data fields

- Input Index Stride
- Vertex Reuse Depth

### 6.7.1 *VGT_MAX_VTX_INDX*

| VGT_MAX_VTX_INDX - RW - 32 bits - GFXDEC0:0x400{xe "VGT_MAX_VTX_INDX GFXDEC0\:0x400"} | | | |
|---|---|---|---|
| **Field Name** | **Bits** | **Default** | **Description** |
| MAX_INDX | 23:0 | none | maximum clamp value for index clamp |

For components that are that are specified to be indices (see the VGT_GROUP_VECT_0_FMT_CNTL register), this register is the maximum clamp value. Clamping occurs after offsetting and prior to fix->flt conversion.

### 6.7.2 *VGT_MIN_VTX_INDX*

| VGT_MIN_VTX_INDX - RW - 32 bits - GFXDEC0:0x404{xe "VGT_MIN_VTX_INDX GFXDEC0\:0x404"} | | | |
|---|---|---|---|
| **Field Name** | **Bits** | **Default** | **Description** |
| MIN_INDX | 23:0 | none | minimum clamp value for index clamp |

For components that are that are specified to be indices (see the VGT_GROUP_VECT_0_FMT_CNTL register), this register is the minimum clamp value. Clamping occurs after offsetting and prior to fix->flt conversion.

### 6.7.3 *VGT_INDX_OFFSET*

| VGT_INDX_OFFSET - RW - 32 bits - GFXDEC0:0x408{xe "VGT_INDX_OFFSET GFXDEC0\:0x408"} | | | |
|---|---|---|---|
| **Field Name** | **Bits** | **Default** | **Description** |
| INDX_OFFSET | 23:0 | none | Index offset value (24-bit adder) |

For components that are that are specified to be indices (see the VGT_GROUP_VECT_0_FMT_CNTL register), this register is the offset value. Offsetting occurs prior to clamping and fix->flt conversion.

### 6.7.4 *VGT_OUTPUT_PATH_CNTL*

This register selects which backend path will be used by the VGT block.

| VGT_OUTPUT_PATH_CNTL - RW - 32 bits - GFXDEC0:0xA10{xe "VGT_OUTPUT_PATH_CNTL GFXDEC0\:0xA10"} | | | |
|---|---|---|---|
| **Field Name** | **Bits** | **Default** | **Description** |
| PATH_SELECT | 1:0 | none | This field indicates the VGT back-end path to be used.<br>0=VGT_OUTPATH_VTX_REUSE<br>1=VGT_OUTPATH_TESS_EN<br>2=VGT_OUTPATH_PASSTHRU |

THIS REGISTER IS IGNORED IN MAJOR MODE 0 FOR PRIM TYPES 0 THRU 21 !! This register selects which backend path will be used by the VGT block.

### 6.7.5 *VGT_VERTEX_REUSE_BLOCK_CNTL*

This register controls the Vertex Reuse Block within the VGT. This register is relevant only when the VGT_OUTPUT_PATH_CNTL register (or Major Mode 0) specifies the Vertex Reuse Block as the output path for the VGT. The Vertex Reuse Block keeps an ordered list of the 16 most recently issued indices. The vertex reuse depth controls how many of the most recently issued indices to search for a match (starting at the most recently issued index). If a match is found, then that index is NOT reprocessed and that index is NOT entered in the list of the most recently issued indices. If a match is NOT found, then that index is issued to the Sequencer for processing and it is also entered into the top of the list of the most recently issued indices. If the list already has 16 entries, then the oldest entry is discarded.

| VGT_VERTEX_REUSE_BLOCK_CNTL - RW - 32 bits - GFXDEC0:0xC58{xe "VGT_VERTEX_REUSE_BLOCK_CNTL GFXDEC0\:0xC58"} | | | |
|---|---|---|---|
| **Field Name** | **Bits** | **Default** | **Description** |
| VTX_REUSE_DEPTH | 7:0 | none | CAM depth used for opportunistic vertex reuse determination. A value of zero completely disables inter-primitive reuse (including strip/fan pattern reuse). For processing trianges, this block MUST be programmed to the vertex width of the parameter cache minus 2 or less. It should be programmed to the maximum legal value for the best performance. For example: in R400 with all four pipes enabled, the width of the parameter cache is 16; therefore this field MUST be programmed to 14 or less and should be programmed to 14. For RV400, the parameter cache width is expected to be 8. For RL400, the parameter cache width is expected to be 4. In general, for processing triangles, the vertex reuse depth should be programmed to ((num_enabled_pipes * 4) - 2) |

This register controls the behavior of the Vertex Reuse block at the backend of the VGT. This register is relevant only if the VGT_OUTPUT_PATH_CNTL register (or the prim type in Major Mode 0) specifies the Vertex Reuse Block for the VGT backend path.

### 6.7.6 VGT_HOS_CNTL

Note that the tessellation engine is enabled by selecting the tessellation engine path in the VGT_OUTPUT_PATH_CNTL register as opposed to the single enable bit that was used in previous architectures.

| VGT_HOS_CNTL - RW - 32 bits - GFXDEC0:0xA14{xe "VGT_HOS_CNTL GFXDEC0\:0xA14"} | | | |
|---|---|---|---|
| **Field Name** | **Bits** | **Default** | **Description** |
| TESS_MODE | 1:0 | none | Tessellation Mode<br>0 : Discrete<br>1 : Continuous<br>2 : Adaptive |

This register controls the behavior of the Tessellation Engine block at the backend of the VGT. This register is relevant only if the VGT_OUTPUT_PATH_CNTL register specifies the Tessellation Engine block for the VGT backend path. Note that the tessellation engine is enabled by selecting the tessellation engine path in the VGT_OUTPUT_PATH_CNTL register as opposed to the single enable bit that was used in previous architectures.

### 6.7.7 VGT_HOS_MAX_TESS_LEVEL

| VGT_HOS_MAX_TESS_LEVEL - RW - 32 bits - GFXDEC0:0xA18{xe "VGT_HOS_MAX_TESS_LEVEL GFXDEC0\:0xA18"} | | | |
|---|---|---|---|
| **Field Name** | **Bits** | **Default** | **Description** |
| MAX_TESS | 31:0 | none | For adaptive tessellation mode, this is the maximum tessellation clamp value.<br>For continuous and discrete tessellation modes, this is the tessellation level.<br>For discrete modes, values in the range (1.0, 14.0) are legal.<br>For non-discrete modes, values in the range (1.0, 15.0) are legal.<br>MAX_TESS must be greater than or equal to MIN_TESS. |

For continuous and discrete tessellation modes, this register contains the tessellation level. For adaptive tessellation, this register contains the maximum tessellation level. The adaptive tessellation levels will be clamped less-than or equal to this level by the tessellation engine. In all cases, the format of this register is 32-bit IEEE floating point. This register is relevant only when the VGT_OUT_CNTL register specifies 'Tessellation Engine' in the Path Select field.

### 6.7.8 VGT_HOS_MIN_TESS_LEVEL

| VGT_HOS_MIN_TESS_LEVEL - RW - 32 bits - GFXDEC0:0xA1C{xe "VGT_HOS_MIN_TESS_LEVEL GFXDEC0\:0xA1C"} | | | |
|---|---|---|---|
| **Field Name** | **Bits** | **Default** | **Description** |
| MIN_TESS | 31:0 | 0x0 | For adaptive tessellation mode, this is the minimum tessellation clamp value.<br>For continuous and discrete tessellation modes, this register is not applicable.<br>For discrete modes values in the range (1.0, 14.0) are legal.<br>For non-discrete modes, values in the range (1.0, 15.0) are legal.<br>MIN_TESS must be less than or equal to MAX_TESS |

For continuous and discrete tessellation modes, this register is not applicable. For adaptive tessellation, this register contains the minimum tessellation level. The adaptive tessellation levels will be clamped greater-than or equal to this level by the tessellation engine. The format of this register is 32-bit IEEE floating point. This register is relevant only when the VGT_OUT_CNTL register specifies 'Tessellation Engine' in the Path Select field and the VGT_HOS_CNTL register specifies adaptive tessellation mode.

### 6.7.9 *VGT_HOS_REUSE_DEPTH*

This register tells the tessellation how many of most recently submitted vertices it can reuse.
This register is relevant only when the VGT_OUT_CNTL register specifies 'Tessellation Engine' in the Path Select field.

| VGT_HOS_REUSE_DEPTH - RW - 32 bits - GFXDEC0:0xA20{xe "VGT_HOS_REUSE_DEPTH GFXDEC0\:0xA20"} | | | |
|---|---|---|---|
| **Field Name** | **Bits** | **Default** | **Description** |
| REUSE_DEPTH | 7:0 | none | |

### 6.7.10 *VGT_GROUP_PRIM_TYPE*

This register specifies the prim type and index order of the index stream for Major Mode 1.

Please note the following restrictions in the use of this register.

1. The PRIM_ORDER settings of VGT_GRP_FAN, VGT_GRP_LOOP, and VGT_GRP_POLYGON are not permitted if the VGT_OUTPUT_PATH_CNTL register is set to VGT_OUTPATH_PASSTHRU. Implementing these primitive orders correctly would require the VGT Passthru Block to have storage for the worst-case compound-index.
2. If the VGT_OUTPUT_PATH_CNTL register is set to VGT_OUTPATH_PASSTHRU, then the PRIM_TYPE setting of VGT_GRP_3D_QUAD (with a PRIM_ORDER of either VGT_GRP_LIST or VGT_GRP_STRIP) will not necessarily have the correct order for flat shading for either Direct3D or OpenGL. (This restriction does NOT apply to quads that are processed through the Vertex Reuse Block.)
3. If the VGT_OUTPUT_PATH_CNTL register is set to VGT_OUTPATH_PASSTHRU and the PRIM_TYPE field of the VGT_GROUP_PRIM_TYPE register is set to VGT_GRP_3D_QUAD, then each quad primitive will be decomposed into two triangles regardless of the setting of the RETAIN_QUADS field in the VGT_GROUP_PRIM_TYPE register.

| VGT_GROUP_PRIM_TYPE - RW - 32 bits - GFXDEC0:0xA24{xe "VGT_GROUP_PRIM_TYPE GFXDEC0\:0xA24"} | | | |
|---|---|---|---|
| **Field Name** | **Bits** | **Default** | **Description** |
| PRIM_TYPE | 3:0 | none | Prim type output by grouper stage of the VGT.<br>0=VGT_GRP_3D_POINT<br>1=VGT_GRP_3D_LINE<br>2=VGT_GRP_3D_TRI<br>3=VGT_GRP_3D_RECT<br>4=VGT_GRP_3D_QUAD<br>5=VGT_GRP_2D_COPY_RECT_V0<br>6=VGT_GRP_2D_COPY_RECT_V1<br>7=VGT_GRP_2D_COPY_RECT_V2<br>8=VGT_GRP_2D_COPY_RECT_V3<br>9=VGT_GRP_2D_FILL_RECT<br>10=VGT_GRP_2D_LINE<br>11=VGT_GRP_2D_TRI<br>12=VGT_GRP_PRIM_INDEX_LINE<br>13=VGT_GRP_PRIM_INDEX_TRI<br>14=VGT_GRP_PRIM_INDEX_QUAD |
| RETAIN_ORDER | 14 | none | Resetting this bit to zero causes the Grouper within the VGT to convert strips, fans, loops, and polygons into regular lists in the vgt_grouper block. It also causes the primitive indices to be re-ordered to have the provoking vertex in the correct position. This bit should be set to zero if the VGT_OUTPUT_PATH_CNTL register specifies VGT_OUTPATH_VTX_REUSE or VGT_OUTPATH_TESS_EN and the VGT_DRAW_INITIATOR prim type is between 0 and 15, inclusive, (tri list, tri strip, tri fan, etc...). This bit is implied to be zero for VGT_DRAW_INITIATOR prim types 0 thru 15 if the Major Mode of the VGT_DRAW_INIITIATOR is 0. If this bit is set for prim types 0 thru 15, then the primitive index order from the grouper will be retained and the indices will be incorrect for loops, fans, and polygons. Note that if the VGT_DRAW_INITIATOR.MAJOR_MODE is set to MAJOR_MODE_1 and VGT_OUTPUT_PATH_CNTL is set to VGT_OUTPATH_PASSTHRU and the VGT_GROUP_PRIM_TYPE.PRIM_TYPE is set to VGT_GRP_3D_TRI or VGT_GRP_2D_TRI and VGT_GROUP_PRIM_TYPE.PRIM_ORDER is set to VGT_GRP_STRIP, then the passthru block will perform DX/OpenGL index re-ordering for tri-strips.<br>0=Reorder strip/fan/loop/polygon into lists with correct provoking vertex<br>1=Retain primitive index order as they appear in the input stream |
| RETAIN_QUADS | 15 | none | This bit can only be legally set if the VGT_OUTPUT_PATH_CNTL register specifies the Tessellation Engine and the Major Mode of the VGT_DRAW_INITATOR is 1. The RETAIN_QUADS bit indicates that quads should be passed intact to the tessellation engine. If this bit is not set, then the quads will be decomposed into triangles.<br>0=Decompose quads into triangles<br>1=Retain quads (legal only for tessellation engine) |
| PRIM_ORDER | 18:16 | none | Prim order output by grouper stage of the VGT.<br>0=VGT_GRP_LIST<br>1=VGT_GRP_STRIP<br>2=VGT_GRP_FAN<br>3=VGT_GRP_LOOP<br>4=VGT_GRP_POLYGON |

THIS REGISTER IS IGNORED IN MAJOR MODE 0 FOR PRIM TYPES 0 THRU 21 !! This register contains the prim type output by the grouper stage of the VGT



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## 6.7.11 *VGT_GROUP_FIRST_DECR*

This register specifies how many indices are consumed by the first "group" in the input stream. This value is used to decrement the index count specified by the VGT_DRAW_INITIATOR.

| VGT_GROUP_FIRST_DECR - RW - 32 bits - GFXDEC0:0xA28{xe "VGT_GROUP_FIRST_DECR GFXDEC0\:0xA28"} | | | |
|---|---|---|---|
| **Field Name** | **Bits** | **Default** | **Description** |
| FIRST_DECR | 3:0 | none | Decrement amount for the first group |

THIS REGISTER IS IGNORED IN MAJOR MODE 0 FOR PRIM TYPES 0 THRU 21 !! This register contains the amount by which the draw initiator index count is decremented for the first group taken from the input stream.

## 6.7.12 *VGT_GROUP_DECR*

This register specifies how many indices are consumed by the each "group" in the input stream except for the first group. This value is used to decrement the index count specified by the VGT_DRAW_INITIATOR.

| VGT_GROUP_DECR - RW - 32 bits - GFXDEC0:0xA2C{xe "VGT_GROUP_DECR GFXDEC0\:0xA2C"} | | | |
|---|---|---|---|
| **Field Name** | **Bits** | **Default** | **Description** |
| DECR | 3:0 | none | Decrement amount for groups except the first |

THIS REGISTER IS IGNORED IN MAJOR MODE 0 FOR PRIM TYPES 0 THRU 21 !! This register contains the amount by which the draw initiator index count is decremented for all groups taken from the input stream except for the first group.

## 6.7.13 *VGT_GROUP_VECT_0_CNTL*

This register controls how vector 0 of the each group is extracted from the stream. The component enable bits (COMP_X_EN) indicate which components will be output for vector 0 of a group. At lease one component must be enabled for vector 0. The stride indicates how many contiguous 16-bit words of the input stream must be present in the shift register to extract vector 0. The shift indicates how many 16-bit words will be shifted out of the shift register after vector 0 has been extracted.

| VGT_GROUP_VECT_0_CNTL - RW - 32 bits - GFXDEC0:0xA30{xe "VGT_GROUP_VECT_0_CNTL GFXDEC0\:0xA30"} | | | |
|---|---|---|---|
| **Field Name** | **Bits** | **Default** | **Description** |
| COMP_X_EN | 0 | none | Indicates that component X will be output from the grouper for vector 0<br>0=disable<br>1=enable |
| COMP_Y_EN | 1 | none | Indicates that component Y will be output from the grouper for vector 0<br>0=disable<br>1=enable |
| COMP_Z_EN | 2 | none | Indicates that component Z will be output from the grouper for vector 0<br>0=disable<br>1=enable |
| COMP_W_EN | 3 | none | Indicates that component W will be output from the grouper for vector 0<br>0=disable<br>1=enable |
| STRIDE | 15:8 | none | The stride of vector 0 data in the input stream (in 16-bit words). Zero is NOT a legal value for an active vector. See the programming guidelines for the situation in which a vector uses no data from the shifter. |
| SHIFT | 23:16 | none | The amount to shift the input stream after extracting vector 0 (in 16-bit words). This field must be less than or equal to the STRIDE field for proper shifter operation. |

THIS REGISTER IS IGNORED IN MAJOR MODE 0 FOR PRIM TYPES 0 THRU 21 !! This register indicates, with bits flags, which components are relevant for vector 0 of a group. At least one component of vector 0 must be indicated. This register also contains the stride of vector 0 (in 16-bit words) in the input stream and the amount to shift the input stream (in 16-bit words) after extracting the vector.

## 6.7.14 *VGT_GROUP_VECT_1_CNTL*

This register controls how vector 1 of the each group is extracted from the stream. The component enable bits (COMP_X_EN) indicate which components will be output for vector 1 of a group. The stride indicates how many contiguous 16-bit words of the input stream must be present in the shift register to extract vector 1. The shift indicates how many 16-bit words will be shifted out of the shift register after vector 1 has been extracted.

| VGT_GROUP_VECT_1_CNTL - RW - 32 bits - GFXDEC0:0xA34{xe "VGT_GROUP_VECT_1_CNTL GFXDEC0\:0xA34"} | | | |
|---|---|---|---|
| **Field Name** | **Bits** | **Default** | **Description** |
| COMP_X_EN | 0 | none | 0=disable<br>1=enable |
| COMP_Y_EN | 1 | none | 0=disable<br>1=enable |
| COMP_Z_EN | 2 | none | 0=disable<br>1=enable |
| COMP_W_EN | 3 | none | 0=disable<br>1=enable |
| STRIDE | 15:8 | none | |
| SHIFT | 23:16 | none | |

THIS REGISTER IS IGNORED IN MAJOR MODE 0 FOR PRIM TYPES 0 THRU 21 !! This register is identical to VGT_GROUP_VECT_0_CNTL except that it applies to vector 1 of the group instead of vector 0. Also, vector 0 is required to have at least one component set; however, vector 1 may have none set.

### 6.7.15 *VGT_GROUP_VECT_0_FMT_CNTL*

This register controls how each enabled component of vector 0 of each group is extracted from the stream. If a component is not enabled in the VGT_GROUP_VECT_0_CNTL register, then the settings for that component are ignored. If a component conversion is set to VGT_GRP_INDEX_16 or VGT_GRP_INDEX_32, then that component is treated as an index. It will be clamped to be within the min and max index values (see the VGT_MAX_VTX_INDX and the VGT_MIN_VTX_INDX registers). It will also be offset with the index offset value (see the VGT_INDX_OFFSET register). If the conversion is set to VGT_GRP_INDEX_32, then the upper byte of the 32-bit value will be masked to zeros prior to clamping, offsetting, and fix-to-float conversion. The component conversion for each component is passed to the Output Block of the VGT where is it used to determine the appropriate fix-to-float conversion for the particular component.

The offset field in the VGT_GROUP_VECT_0_FMT_CTNL register specifies where the component should be extracted from the shift register. This specification allows components to be re-ordered with vector 0; however, they cannot be re-order between vector 0 and vector 1, nor can they be re-ordered between groups.

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**VGT_GROUP_VECT_0_FMT_CNTL - RW - 32 bits - GFXDEC0:0xA38{xe "VGT_GROUP_VECT_0_FMT_CNTL GFXDEC0\:0xA38"}**

| Field Name | Bits | Default | Description |
|---|---|---|---|
| X_CONV | 3:0 | none | X Component Determination.<br>0=VGT_GRP_INDEX_16 16 bits from stream with index offset and clamp<br>1=VGT_GRP_INDEX_32 32 bits from stream with index offset and clamp<br>2=VGT_GRP_UINT_16 16 bits from stream as unsigned int<br>3=VGT_GRP_UINT_32 32 bits from stream as unsigned int<br>4=VGT_GRP_SINT_16 16 bits from stream as signed int<br>5=VGT_GRP_SINT_32 32 bits from stream as signed int<br>6=VGT_GRP_FLOAT_32 32 bits from stream as float<br>7=VGT_GRP_AUTO_PRIM 24 bits from auto primitive counter<br>8=VGT_GRP_FIX_1_23_TO_FLOAT 24 bit barycentric value from tessellation engine |
| X_OFFSET | 7:4 | none | X Component Offset. This field is the offset, in 16-bit words, of the X component in the input cycle. |
| Y_CONV | 11:8 | none | Y Component Determination. See the X component determination field for description.<br>0=VGT_GRP_INDEX_16 16 bits from stream with index offset and clamp<br>1=VGT_GRP_INDEX_32 32 bits from stream with index offset and clamp<br>2=VGT_GRP_UINT_16 16 bits from stream as unsigned int<br>3=VGT_GRP_UINT_32 32 bits from stream as unsigned int<br>4=VGT_GRP_SINT_16 16 bits from stream as signed int<br>5=VGT_GRP_SINT_32 32 bits from stream as signed int<br>6=VGT_GRP_FLOAT_32 32 bits from stream as float<br>7=VGT_GRP_AUTO_PRIM 24 bits from auto primitive counter<br>8=VGT_GRP_FIX_1_23_TO_FLOAT 24 bit barycentric value from tessellation engine |
| Y_OFFSET | 15:12 | none | Y Component Offset. This field is the offset, in 16-bit words, of the Y component in the input cycle. |



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**VGT_GROUP_VECT_0_FMT_CNTL - RW - 32 bits - GFXDEC0:0xA38{xe "VGT_GROUP_VECT_0_FMT_CNTL GFXDEC0\:0xA38"}**

| Field Name | Bits | Default | Description |
|---|---|---|---|
| Z_CONV | 19:16 | none | Z Component Determination. See the X component determination field for description.<br>0=VGT_GRP_INDEX_16 16 bits from stream with index offset and clamp<br>1=VGT_GRP_INDEX_32 32 bits from stream with index offset and clamp<br>2=VGT_GRP_UINT_16 16 bits from stream as unsigned int<br>3=VGT_GRP_UINT_32 32 bits from stream as unsigned int<br>4=VGT_GRP_SINT_16 16 bits from stream as signed int<br>5=VGT_GRP_SINT_32 32 bits from stream as signed int<br>6=VGT_GRP_FLOAT_32 32 bits from stream as float<br>7=VGT_GRP_AUTO_PRIM 24 bits from auto primitive counter<br>8=VGT_GRP_FIX_1_23_TO_FLOAT 24 bit barycentric value from tessellation engine |
| Z_OFFSET | 23:20 | none | Z Component Offset. This field is the offset, in 16-bit words, of the Z component in the input cycle. |
| W_CONV | 27:24 | none | W Component Determination. See the X component determination field for description.<br>0=VGT_GRP_INDEX_16 16 bits from stream with index offset and clamp<br>1=VGT_GRP_INDEX_32 32 bits from stream with index offset and clamp<br>2=VGT_GRP_UINT_16 16 bits from stream as unsigned int<br>3=VGT_GRP_UINT_32 32 bits from stream as unsigned int<br>4=VGT_GRP_SINT_16 16 bits from stream as signed int<br>5=VGT_GRP_SINT_32 32 bits from stream as signed int<br>6=VGT_GRP_FLOAT_32 32 bits from stream as float<br>7=VGT_GRP_AUTO_PRIM 24 bits from auto primitive counter<br>8=VGT_GRP_FIX_1_23_TO_FLOAT 24 bit barycentric value from tessellation engine |
| W_OFFSET | 31:28 | none | W Component Offset. This field is the offset, in 16-bit words, of the Z component in the input cycle. |

THIS REGISTER IS IGNORED IN MAJOR MODE 0 FOR PRIM TYPES 0 THRU 21 !! This register indicates how the value each component of vector 0 will be determined. If the VGT_GROUP_VECT_0_CNTL register indicates that a particular component is not selected for output from the grouper, then that component's format control fields are ignored.

### 6.7.16 *VGT_GROUP_VECT_1_FMT_CNTL*

See VGT_GROUP_VECT_0_FMT_CNTL for a description of this register.

| VGT_GROUP_VECT_1_FMT_CNTL - RW - 32 bits - GFXDEC0:0xA3C{xe "VGT_GROUP_VECT_1_FMT_CNTL GFXDEC0\:0xA3C"} | | | |
|---|---|---|---|
| **Field Name** | **Bits** | **Default** | **Description** |
| X_CONV | 3:0 | none | |
| X_OFFSET | 7:4 | none | |
| Y_CONV | 11:8 | none | |
| Y_OFFSET | 15:12 | none | |
| Z_CONV | 19:16 | none | |
| Z_OFFSET | 23:20 | none | |
| W_CONV | 27:24 | none | |
| W_OFFSET | 31:28 | none | |

THIS REGISTER IS IGNORED IN MAJOR MODE 0 FOR PRIM TYPES 0 THRU 21 !! This register is identical to VGT_GROUP_VECT_0_FMT_CNTL except that it controls the formatting of output vector 1 instead of output vector 0.

## 6.7.17 *VGT_OUT_DEALLOC_CNTL*

This register controls, within a process vector, when the previous process vector is de-allocated. Assume that the DEALLOC_SLOT field of this register is set to 15, then the "deallocate" signal will be sent to the clipper (see the VGT_PA_p interface, section 2.2.2) with the primitive that causes the 16$^{th}$ (because the slot number is zero-based) index to be issued to the sequencer.

| VGT_OUT_DEALLOC_CNTL - RW - 32 bits - GFXDEC0:0xC5C{xe "VGT_OUT_DEALLOC_CNTL GFXDEC0\:0xC5C"} | | | |
|---|---|---|---|
| **Field Name** | **Bits** | **Default** | **Description** |
| DEALLOC_DIST | 6:0 | none | Distance (in indices) which the vertex vector slot assignment leads the deallocation. This field should typically be set to (num_enabled_pipes * 4). |

This register controls, within a process vector, when the previous process vector is de-allocated.

## 6.7.18 *VGT_MULTI_PRIM_IB_RESET_INDX*

This register specifies the 24-bit index value used to reset the primitive order (strip/fan/polygon) for the "Multi-primitive Index Buffer Reset" functionality. See section 4.3.2 for more information on the functionality of this register.

| VGT_MULTI_PRIM_IB_RESET_INDX - RW - 32 bits - GFXDEC0:0x40C{xe "VGT_MULTI_PRIM_IB_RESET_INDX GFXDEC0\:0x40C"} | | | |
|---|---|---|---|
| **Field Name** | **Bits** | **Default** | **Description** |
| RESET_INDX | 23:0 | none | If this value matches an index in the IB, a new primitive set is started. |

This register defines the index which resets primitive sets when MULTI_PRIM_IB is enabled.

## 6.7.19 *VGT_ENHANCE*

This is a multi-context GFX register.

| VGT_ENHANCE - RW - 32 bits - GFXDEC0:0xA50{xe "VGT_ENHANCE GFXDEC0\:0xA50"} | | | |
|---|---|---|---|
| **Field Name** | **Bits** | **Default** | **Description** |
| MISC | 15:0 | none | Misc bit |

Used for Late Additions of Control Bits

## 6.7.20 *VGT_VTX_VECT_EJECT_REG*

This register controls logic that prevents a possible deadlock scenario within the VGT. The deadlock possibly arises if the index stream has such extreme reuse that the primitive FIFO between the VGT and the PA (in the PA) fills up before the VGT can complete a vertex vector and issue it to the SQ for processing. In this scenario, the PA cannot read entries out of the primitive FIFO because it does not have the vertex shader results required for processing the primitive. The VGT cannot fill up a vertex vector for processing because the primitive FIFO between the VGT and the PA is full and the VGT cannot continue processing. This register forces the submission (the ejection) of a vertex vector to the SQ for processing when the indicated number of primitives has been sent to the PA without completing a vertex vector. This register is relevant only when the VGT_OUTPUT_PATH_CNTL register (or Major Mode 0) specifies the Vertex Reuse Block as the output path for the VGT, because the extreme level of reuse necessary of deadlock is only possible when using the "vertex reuse block"

The counter in the VGT that tracks this scenario is reset every time a vertex vector is submitted to the SQ for processing. This register auto-initialized to 127 (0x7f) on hard reset. This value should typically be set to roughly two times the vertex vector size (based on the assumption that even the best meshes will approach an average vertex reuse of 2. If this register is set close to (within about 5) or greater than the depth of the primitive FIFO between the VGT and the PA, then a deadlock scenario is possible (and may occur depending on actual reuse).

This register can significantly reduce vertex processing performance if it is set too low.

| VGT_VTX_VECT_EJECT_REG - RW - 32 bits - PADEC:0xB0{xe "VGT_VTX_VECT_EJECT_REG PADEC\:0xB0"} | | | |
|---|---|---|---|
| **Field Name** | **Bits** | **Default** | **Description** |
| PRIM_COUNT | 9:0 | 0x7f | This is the count of primitives allowed to pass during the assembly of a single vertex vector. |

This register defines the number of primitives that are allowed to pass during the assembly of a single vertex vector. After this number of primitives have passed, the vertex vector is submitted to the shaders for processing even if it is not full.

## 6.7.21 *VGT_DMA_DATA_FIFO_DEPTH*

| VGT_DMA_DATA_FIFO_DEPTH - RW - 32 bits - PADEC:0xB4{xe "VGT_DMA_DATA_FIFO_DEPTH PADEC\:0xB4"} | | | |
|---|---|---|---|
| **Field Name** | **Bits** | **Default** | **Description** |
| DMA_DATA_FIFO_DEPTH | 8:0 | 0x100 | DMA data fifo depth in 128-bit words. THIS VALUE MUST BE EVEN. |

The DMA data fifo can be made artifically smaller to simulate reduced configurations. THE DEPTH SPECIFIED IN THIS REGISTER MUST BE EVEN. For normal R400 operation, this depth should be (and defaults to) 256.

## 6.7.22 *VGT_DMA_REQ_FIFO_DEPTH*

| VGT_DMA_REQ_FIFO_DEPTH - RW - 32 bits - PADEC:0xB8{xe "VGT_DMA_REQ_FIFO_DEPTH PADEC\:0xB8"} | | | |
|---|---|---|---|
| **Field Name** | **Bits** | **Default** | **Description** |
| DMA_REQ_FIFO_DEPTH | 5:0 | 0x20 | DMA request fifo depth. (Max is 32 words) |

The DMA request fifo can be made artifically smaller to simulate reduced configurations. For normal R400 operation, this depth should be (and defaults to) 32.

### 6.7.23 *VGT_DRAW_INIT_FIFO_DEPTH*

| VGT_DRAW_INIT_FIFO_DEPTH - RW - 32 bits - PADEC:0xBC{xe "VGT_DRAW_INIT_FIFO_DEPTH PADEC\:0xBC"} | | | |
|---|---|---|---|
| **Field Name** | **Bits** | **Default** | **Description** |
| DRAW_INIT_FIFO_DEPTH | 5:0 | 0x20 | draw/event initiator fifo depth. (Max is 32 words) |

The draw/event initiator request fifo can be made artifically smaller to simulate reduced configurations. For normal R400 operation, this depth should be (and defaults to) 32.

### 6.7.24 *VGT_LAST_COPY_STATE*

| VGT_LAST_COPY_STATE - R - 32 bits - PADEC:0xC0{xe "VGT_LAST_COPY_STATE PADEC\:0xC0"} | | | |
|---|---|---|---|
| **Field Name** | **Bits** | **Default** | **Description** |
| SRC_STATE_ID | 2:0 | none | Source context from last GFX_COPY_STATE command. |
| DST_STATE_ID | 18:16 | none | Destination context from last GFX_COPY_STATE command. |

This register retains the data from the last GFX_COPY_STATE command.



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### 6.7.25 *VGT_DEBUG_CNTL*

| VGT_DEBUG_CNTL - RW - 32 bits - PADEC:0xE0{xe "VGT_DEBUG_CNTL PADEC\:0xE0"} | | | |
|---|---|---|---|
| **Field Name** | **Bits** | **Default** | **Description** |
| VGT_DEBUG_INDX | 4:0 | none | Selects which 32-bit Debug register to read |

VGT Debug Control Select Register

### 6.7.26 *VGT_DEBUG_DATA*

| VGT_DEBUG_DATA - R - 32 bits - PADEC:0xE4{xe "VGT_DEBUG_DATA PADEC\:0xE4"} | | | |
|---|---|---|---|
| **Field Name** | **Bits** | **Default** | **Description** |
| DATA | 31:0 | none | Debug Data - See Per Indx Description |

VGT Debug Data Read Register

#### 6.7.26.1 VGT_DEBUG_REG0

| VGT_DEBUG_REG0 - R - 32 bits - VGTDEBUGIND:0x0{xe "VGT_DEBUG_REG0 VGTDEBUGIND\:0x0"} | | | |
|---|---|---|---|
| **Field Name** | **Bits** | **Default** | **Description** |
| VGT_RBBM_busy | 0 | none | |
| VGT_RBBM_no_dma_busy | 1 | none | |
| rbbm_skid_fifo_busy_out | 2 | none | |
| vgt_busy | 3 | none | |
| vgt_busy_extended | 4 | none | |
| vgt_no_dma_busy | 5 | none | |
| vgt_no_dma_busy_extended | 6 | none | |
| rbiu_busy | 7 | none | |
| rbiu_dma_request_busy | 8 | none | |
| dma_busy | 9 | none | |
| grp_busy | 10 | none | |
| grp_backend_busy | 11 | none | |
| out_busy | 12 | none | |
| dma_request_busy | 13 | none | |
| vr_grp_busy | 14 | none | |
| pt_grp_busy | 15 | none | |
| te_grp_busy | 16 | none | |

VGT Indx 0 Debug Register Definitions

### 6.7.26.2 VGT_DEBUG_REG1

| VGT_DEBUG_REG1 - R - 32 bits - VGTDEBUGIND:0x1{xe "VGT_DEBUG_REG1 VGTDEBUGIND\:0x1"} | | | |
|---|---|---|---|
| **Field Name** | **Bits** | **Default** | **Description** |
| RBBM_we | 0 | none | |
| VGT_RBBM_nrtrtr | 1 | none | |
| VGT_SQ_send | 2 | none | |
| SQ_VGT_rtr | 3 | none | |
| VGT_PA_clip_v_send | 4 | none | |
| PA_VGT_clip_v_rtr | 5 | none | |
| VGT_PA_clip_p_send | 6 | none | |
| PA_VGT_clip_p_rtr | 7 | none | |
| VGT_PA_clip_s_send | 8 | none | |
| PA_VGT_clip_s_rtr | 9 | none | |
| VGT_MH_send | 10 | none | |
| MH_VGT_rtr | 11 | none | |
| rbiu_grp_di_valid | 12 | none | |
| grp_rbiu_di_read | 13 | none | |
| dma_grp_valid | 14 | none | |
| grp_dma_read | 15 | none | |
| grp_vr_valid | 16 | none | |
| vr_grp_read | 17 | none | |
| grp_pt_valid | 18 | none | |
| pt_grp_read | 19 | none | |
| grp_te_valid | 20 | none | |
| te_grp_read | 21 | none | |
| vr_out_indx_valid | 22 | none | |
| out_vr_indx_read | 23 | none | |
| vr_out_prim_valid | 24 | none | |
| out_vr_prim_read | 25 | none | |
| pt_out_indx_valid | 26 | none | |
| out_pt_data_read | 27 | none | |
| pt_out_prim_valid | 28 | none | |
| out_pt_prim_read | 29 | none | |
| te_out_data_valid | 30 | none | |
| out_te_data_read | 31 | none | |

VGT Indx 1 Debug Register Definitions

### 6.7.26.3 VGT_DEBUG_REG2

| VGT_DEBUG_REG2 - R - 32 bits - VGTDEBUGIND:0x2{xe "VGT_DEBUG_REG2 VGTDEBUGIND\:0x2"} | | | |
|---|---|---|---|
| **Field Name** | **Bits** | **Default** | **Description** |
| te_out_prim_valid | 0 | none | |
| out_te_prim_read | 1 | none | |

### 6.7.26.4 VGT_DEBUG_REG3

| VGT_DEBUG_REG3 - R - 32 bits - VGTDEBUGIND:0x3{xe "VGT_DEBUG_REG3 VGTDEBUGIND\:0x3"} | | | |
|---|---|---|---|
| **Field Name** | **Bits** | **Default** | **Description** |
| cg_blk_gated_clk_override | 0 | none | |
| regclk_active | 1 | none | |
| reg_clk_en | 2 | none | |
| reg_fifos_clk_en | 3 | none | |
| vgt_clk_en | 4 | none | |

### 6.7.26.5 VGT_DEBUG_REG6

| VGT_DEBUG_REG6 - R - 32 bits - VGTDEBUGIND:0x6{xe "VGT_DEBUG_REG6 VGTDEBUGIND\:0x6"} | | | |
|---|---|---|---|
| **Field Name** | **Bits** | **Default** | **Description** |
| input_data_valid | 0 | none | |
| input_data_xfer | 1 | none | |
| next_shift_is_vect_1_q | 2 | none | |
| next_shift_is_vect_1_d | 3 | none | |
| next_shift_is_vect_1_pre_d | 4 | none | |
| space_avail_from_shift | 5 | none | |
| shifter_first_load | 6 | none | |
| di_state_sel_q | 7 | none | |
| shifter_waiting_for_first_load_q | 8 | none | |
| di_first_group_flag_q | 9 | none | |
| di_event_flag_q | 10 | none | |
| read_draw_initiator | 11 | none | |
| loading_di_requires_shifter | 12 | none | |
| new_draw_init_needs_load | 13 | none | |
| last_shift_of_packet | 14 | none | |
| last_decr_of_packet | 15 | none | |
| extract_vector | 16 | none | |
| shift_vect_rtr | 17 | none | |
| destination_rtr | 18 | none | |

VGT Indx 6 Debug Register Definitions -- VGT GROUPER sub-block misc control

### 6.7.26.6 VGT_DEBUG_REG7

| VGT_DEBUG_REG7 - R - 32 bits - VGTDEBUGIND:0x7{xe "VGT_DEBUG_REG7 VGTDEBUGIND\:0x7"} | | | |
|---|---|---|---|
| **Field Name** | **Bits** | **Default** | **Description** |
| di_index_counter_q | 15:0 | none | |
| shift_amount_no_extract | 19:16 | none | |
| shift_amount_extract | 23:20 | none | |
| di_prim_type_q | 29:24 | none | |
| current_source_sel | 31:30 | none | |

VGT Indx 7 Debug Register Definitions -- VGT GROUPER sub-block

### 6.7.26.7 VGT_DEBUG_REG8

| VGT_DEBUG_REG8 - R - 32 bits - VGTDEBUGIND:0x8{xe "VGT_DEBUG_REG8 VGTDEBUGIND\:0x8"} | | | |
|---|---|---|---|
| **Field Name** | **Bits** | **Default** | **Description** |
| shifter_word_count_q | 3:0 | none | |
| right_word_indx_q | 7:4 | none | |
| left_word_indx_q | 11:8 | none | |
| input_data_cnt | 15:12 | none | |
| input_data_lsw | 19:16 | none | |
| input_data_msw | 23:20 | none | |
| next_small_stride_shift_limit_q | 27:24 | none | |
| current_small_stride_shift_limit_q | 31:28 | none | |

VGT Indx 8 Debug Register Definitions -- VGT GROUPER sub-block shifter state

### 6.7.26.8 VGT_DEBUG_REG9

| VGT_DEBUG_REG9 - R - 32 bits - VGTDEBUGIND:0x9{xe "VGT_DEBUG_REG9 VGTDEBUGIND\:0x9"} | | | |
|---|---|---|---|
| **Field Name** | **Bits** | **Default** | **Description** |
| next_stride_q | 3:0 | none | |
| next_stride_d | 7:4 | none | |
| current_shift_q | 11:8 | none | |
| current_shift_d | 15:12 | none | |
| current_stride_q | 19:16 | none | |
| current_stride_d | 23:20 | none | |

VGT Indx 9 Debug Register Definitions -- VGT GROUPER sub-block shift parameters

### 6.7.26.9 VGT_DEBUG_REG10

| VGT_DEBUG_REG10 - R - 32 bits - VGTDEBUGIND:0xA{xe "VGT_DEBUG_REG10 VGTDEBUGIND\:0xA"} | | | |
|---|---|---|---|
| **Field Name** | **Bits** | **Default** | **Description** |
| indx_side_fifo_full | 0 | none | |
| prim_side_indx_valid | 1 | none | |
| null_terminate_vtx_vector | 2 | none | |
| prim_end_of_vtx_vect_flags | 5:3 | none | |
| alloc_counter_q | 8:6 | none | |
| curr_slot_in_vtx_vect_q | 14:9 | none | |
| int_vtx_counter_q | 20:15 | none | |
| curr_dealloc_distance_q | 27:21 | none | |
| new_packet_q | 28 | none | |
| new_allocate_q | 29 | none | |
| num_new_unique_rel_indx | 31:30 | none | |

VGT Indx 10 Debug Register Definitions -- VGT OUTPUT sub-block misc control

## 6.7.27 VGT_CNTL_STATUS

| VGT_CNTL_STATUS - R - 32 bits - PADEC:0xF0{xe "VGT_CNTL_STATUS PADEC\:0xF0"} | | | |
|---|---|---|---|
| **Field Name** | **Bits** | **Default** | **Description** |
| VGT_OUT_INDX_BUSY | 0 | none | If set, the Output Index block within the VGT is busy |
| VGT_OUT_BUSY | 1 | none | If set, the Output block within the VGT is busy |
| VGT_PT_BUSY | 2 | none | If set, the Pass-thru block within the VGT is busy |
| VGT_TE_BUSY | 3 | none | If set, the Tessellation Engine block within the VGT is busy |
| VGT_VR_BUSY | 4 | none | If set, the Vertex Reuse Block within the VGT is busy |
| VGT_GRP_BUSY | 5 | none | If set, the Grouper Block within the VGT is busy |
| VGT_DMA_REQ_BUSY | 6 | none | If set, the VGT DMA is busy requesting |
| VGT_DMA_BUSY | 7 | none | If set, the VGT DMA is busy |
| VGT_BUSY | 8 | none | If set, VGT is Busy |

Status Bits

| VGT_PERFCOUNTER0_SELECT - RW - 32 bits - PADEC:0x120{xe "VGT_PERFCOUNTER0_SELECT PADEC\:0x120"} | | | |
|---|---|---|---|
| **Field Name** | **Bits** | **Default** | **Description** |
| PERF_SEL | 7:0 | none | Performance Counter Select |

Generic Perf Register

| VGT_PERFCOUNTER1_SELECT - RW - 32 bits - PADEC:0x124{xe "VGT_PERFCOUNTER1_SELECT PADEC\:0x124"} | | | |
|---|---|---|---|
| **Field Name** | **Bits** | **Default** | **Description** |
| PERF_SEL | 7:0 | none | Performance Counter Select |

Generic Perf Register

| VGT_PERFCOUNTER2_SELECT - RW - 32 bits - PADEC:0x128{xe "VGT_PERFCOUNTER2_SELECT PADEC\:0x128"} | | | |
|---|---|---|---|
| **Field Name** | **Bits** | **Default** | **Description** |
| PERF_SEL | 7:0 | none | Performance Counter Select |

Generic Perf Register

| VGT_PERFCOUNTER3_SELECT - RW - 32 bits - PADEC:0x12C{xe "VGT_PERFCOUNTER3_SELECT PADEC\:0x12C"} | | | |
|---|---|---|---|
| **Field Name** | **Bits** | **Default** | **Description** |
| PERF_SEL | 7:0 | none | Performance Counter Select |

Generic Perf Register

| VGT_PERFCOUNTER0_LOW - RW - 32 bits - PADEC:0x130{xe "VGT_PERFCOUNTER0_LOW PADEC\:0x130"} | | | |
|---|---|---|---|
| **Field Name** | **Bits** | **Default** | **Description** |
| PERF_COUNT (R) | 31:0 | none | Lower 32 bits of 48 bit counter value |

Performance Counter Value

| VGT_PERFCOUNTER0_HI - RW - 32 bits - PADEC:0x134{xe "VGT_PERFCOUNTER0_HI PADEC\:0x134"} | | | |
|---|---|---|---|
| **Field Name** | **Bits** | **Default** | **Description** |
| PERF_COUNT (R) | 15:0 | none | Upper 16 bits of 48 bit counter value |

Performance Counter Value

| VGT_PERFCOUNTER1_LOW - RW - 32 bits - PADEC:0x138{xe "VGT_PERFCOUNTER1_LOW PADEC\:0x138"} | | | |
|---|---|---|---|
| **Field Name** | **Bits** | **Default** | **Description** |
| PERF_COUNT (R) | 31:0 | none | Lower 32 bits of 48 bit counter value |

Performance Counter Value

| VGT_PERFCOUNTER1_HI - RW - 32 bits - PADEC:0x13C{xe "VGT_PERFCOUNTER1_HI PADEC\:0x13C"} | | | |
|---|---|---|---|
| **Field Name** | **Bits** | **Default** | **Description** |
| PERF_COUNT (R) | 15:0 | none | Upper 16 bits of 48 bit counter value |

Performance Counter Value

| VGT_PERFCOUNTER2_LOW - RW - 32 bits - PADEC:0x140{xe "VGT_PERFCOUNTER2_LOW PADEC\:0x140"} | | | |
|---|---|---|---|
| **Field Name** | **Bits** | **Default** | **Description** |
| PERF_COUNT (R) | 31:0 | none | Lower 32 bits of 48 bit counter value |

Performance Counter Value

| VGT_PERFCOUNTER2_HI - RW - 32 bits - PADEC:0x144{xe "VGT_PERFCOUNTER2_HI PADEC\:0x144"} | | | |
|---|---|---|---|
| **Field Name** | **Bits** | **Default** | **Description** |
| PERF_COUNT (R) | 15:0 | none | Upper 16 bits of 48 bit counter value |

Performance Counter Value

| VGT_PERFCOUNTER3_LOW - RW - 32 bits - PADEC:0x148{xe "VGT_PERFCOUNTER3_LOW PADEC\:0x148"} | | | |
|---|---|---|---|
| **Field Name** | **Bits** | **Default** | **Description** |
| PERF_COUNT (R) | 31:0 | none | Lower 32 bits of 48 bit counter value |

Performance Counter Value

| VGT_PERFCOUNTER3_HI - RW - 32 bits - PADEC:0x14C{xe "VGT_PERFCOUNTER3_HI PADEC\:0x14C"} | | | |
|---|---|---|---|
| **Field Name** | **Bits** | **Default** | **Description** |
| PERF_COUNT (R) | 15:0 | none | Upper 16 bits of 48 bit counter value |

Performance Counter Value

# 7. Performance/Debug

# 8. Test Plan

Need tests to activate RBBM skew limiter for DMA request writes.

# 9. Physical Design

# 10. Area Estimate

```
Information: Updating design information... (UID-85)

****************************************
Report : area
Design : vgt
Version: 2001.08-SP1
Date   : Fri Oct 11 00:38:07 2002
****************************************

Library(s) Used:

    art13wod (File:
/proj/atechlib/TSMCLIBS/art013tsmc_LVOD/released.crayola/synopsys/0108-1/art13wod.db)
    vgt_virage_lib (File:
/proj/crayola/devel_hartogs/parts_lib/syn/gfx/vgt/vgt_max.db)
    ATI_SDFFnSDFFN_w (File:
/proj/atechlib/TSMCLIBS/art013tsmc_LVOD/released.crayola/synopsys/0108-
1/ATI_SDFFnSDFFN_w.db)

Number of ports:              513
Number of nets:             53497
Number of cells:            48699
Number of references:         412

Virage STAR two port memories
-----------------------------
8x32 12563 um^2
8x109 28788 um^2
32x36 21481 um^2
32x57 28586 um^2
128x8 19304 um^2
256x64 (qty 2 - 128520 um^2 each) 257041 um^2
-------------------------------------------------------------------------------
Total 1120000 um^2
```

# 11. Performance issues

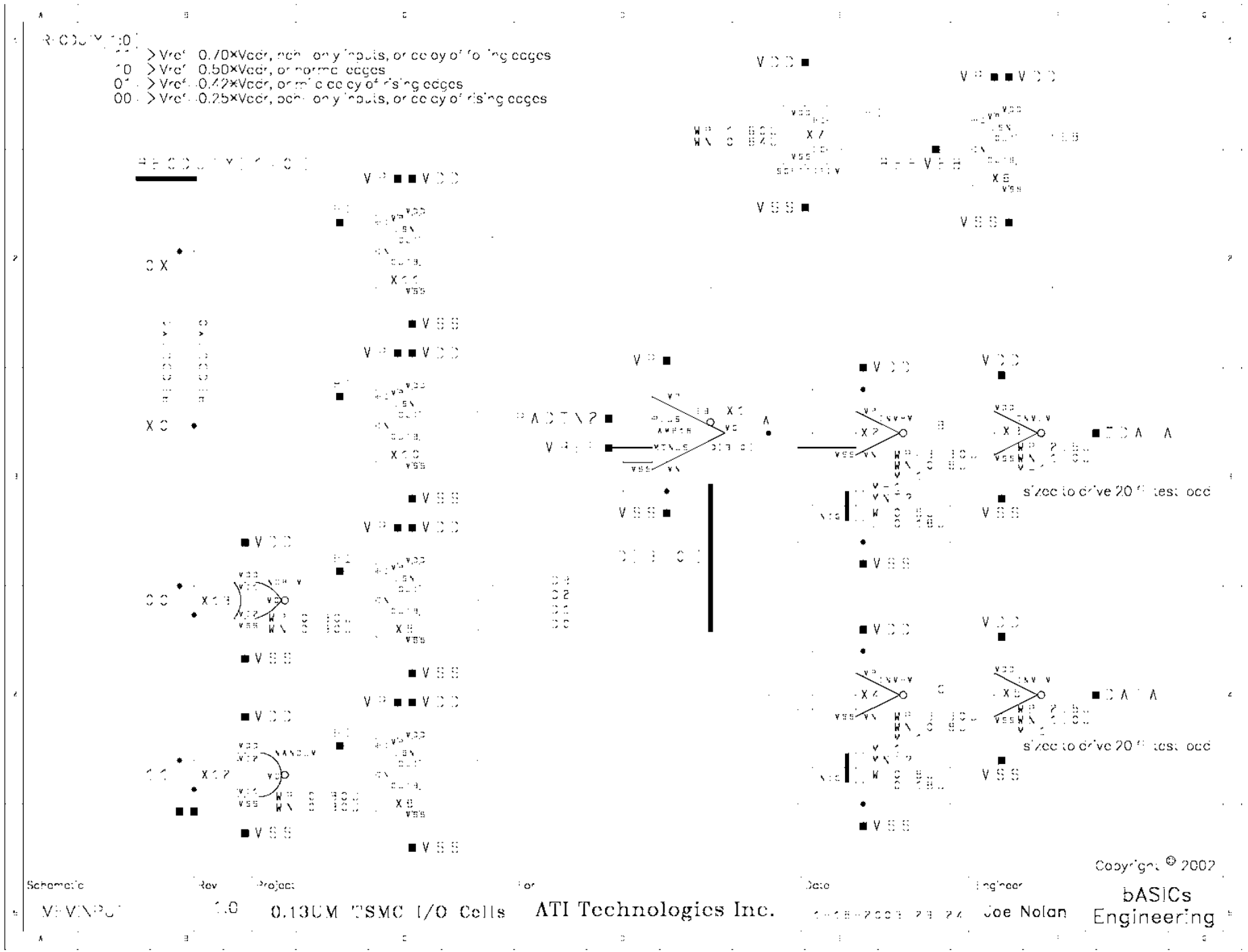
# 12. Register Index

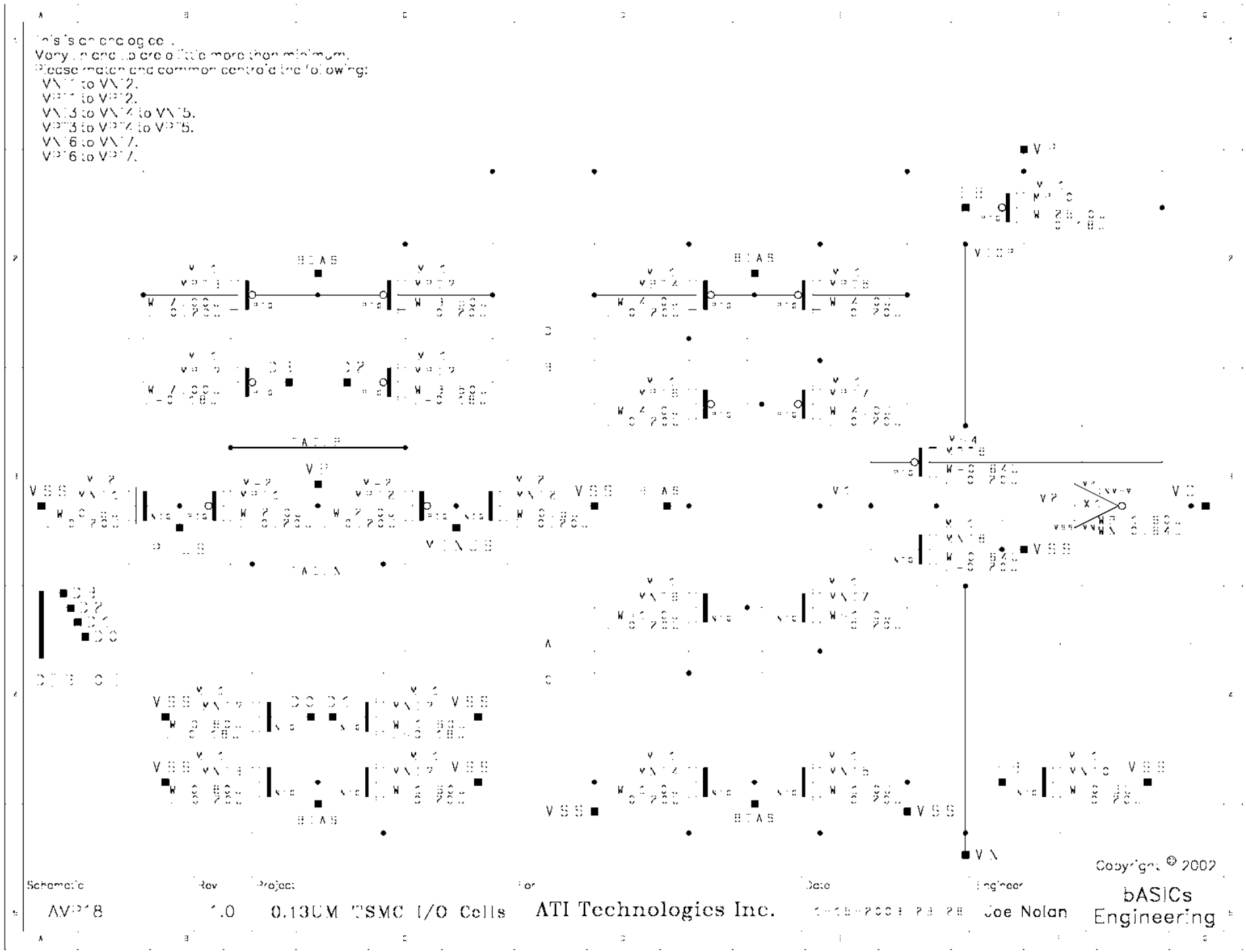
GFX_COPY_STATE GFXDEC0:0x7D0 ....43
VGT_CNTL_STATUS PADEC:0xF0 ....66
VGT_DEBUG_CNTL PADEC:0xE0 ....62
VGT_DEBUG_DATA PADEC:0xE4 ....62
VGT_DEBUG_REG0 VGTDEBUGIND:0x0 ....62
VGT_DEBUG_REG1 VGTDEBUGIND:0x1 ....63
VGT_DEBUG_REG10 VGTDEBUGIND:0xA ....65
VGT_DEBUG_REG2 VGTDEBUGIND:0x2 ....63
VGT_DEBUG_REG3 VGTDEBUGIND:0x3 ....63
VGT_DEBUG_REG6 VGTDEBUGIND:0x6 ....64
VGT_DEBUG_REG7 VGTDEBUGIND:0x7 ....64
VGT_DEBUG_REG8 VGTDEBUGIND:0x8 ....64
VGT_DEBUG_REG9 VGTDEBUGIND:0x9 ....65
VGT_DMA_BASE GFXDEC0:0x7E8 ....48
VGT_DMA_DATA_FIFO_DEPTH PADEC:0xB4 ....60
VGT_DMA_REQ_FIFO_DEPTH PADEC:0xB8 ....60
VGT_DMA_SIZE GFXDEC0:0x7EC ....48
VGT_DRAW_INIT_FIFO_DEPTH PADEC:0xBC ....61
VGT_DRAW_INITIATOR GFXDEC0:0x7F0 ....44
VGT_ENHANCE GFXDEC0:0xA50 ....59
VGT_EVENT_INITIATOR GFXDEC0:0x7E4 ....47
VGT_GROUP_DECR GFXDEC0:0xA2C ....54
VGT_GROUP_FIRST_DECR GFXDEC0:0xA28 ....54
VGT_GROUP_PRIM_TYPE GFXDEC0:0xA24 ....53
VGT_GROUP_VECT_0_CNTL GFXDEC0:0xA30 ....55
VGT_GROUP_VECT_0_FMT_CNTL GFXDEC0:0xA38 ....57
VGT_GROUP_VECT_1_CNTL GFXDEC0:0xA34 ....55
VGT_GROUP_VECT_1_FMT_CNTL GFXDEC0:0xA3C ....59
VGT_HOS_CNTL GFXDEC0:0xA14 ....51
VGT_HOS_MAX_TESS_LEVEL GFXDEC0:0xA18 ....51
VGT_HOS_MIN_TESS_LEVEL GFXDEC0:0xA1C ....51
VGT_HOS_REUSE_DEPTH GFXDEC0:0xA20 ....52
VGT_IMMED_DATA GFXDEC0:0x7F4 ....49
VGT_INDX_OFFSET GFXDEC0:0x408 ....49
VGT_LAST_COPY_STATE PADEC:0xC0 ....61
VGT_MAX_VTX_INDX GFXDEC0:0x400 ....49
VGT_MIN_VTX_INDX GFXDEC0:0x404 ....49
VGT_MULTI_PRIM_IB_RESET_INDX GFXDEC0:0x40C ....59
VGT_OUT_DEALLOC_CNTL GFXDEC0:0xC5C ....59
VGT_OUTPUT_PATH_CNTL GFXDEC0:0xA10 ....50
VGT_PERFCOUNTER0_HI PADEC:0x134 ....67
VGT_PERFCOUNTER0_LOW PADEC:0x130 ....67
VGT_PERFCOUNTER0_SELECT PADEC:0x120 ....66
VGT_PERFCOUNTER1_HI PADEC:0x13C ....67
VGT_PERFCOUNTER1_LOW PADEC:0x138 ....67
VGT_PERFCOUNTER1_SELECT PADEC:0x124 ....66
VGT_PERFCOUNTER2_HI PADEC:0x144 ....67
VGT_PERFCOUNTER2_LOW PADEC:0x140 ....67
VGT_PERFCOUNTER2_SELECT PADEC:0x128 ....66
VGT_PERFCOUNTER3_HI PADEC:0x14C ....67
VGT_PERFCOUNTER3_LOW PADEC:0x148 ....67
VGT_PERFCOUNTER3_SELECT PADEC:0x12C ....66
VGT_VERTEX_REUSE_BLOCK_CNTL GFXDEC0:0xC58 ....50
VGT_VTX_VECT_EJECT_REG PADEC:0xB0 ....60

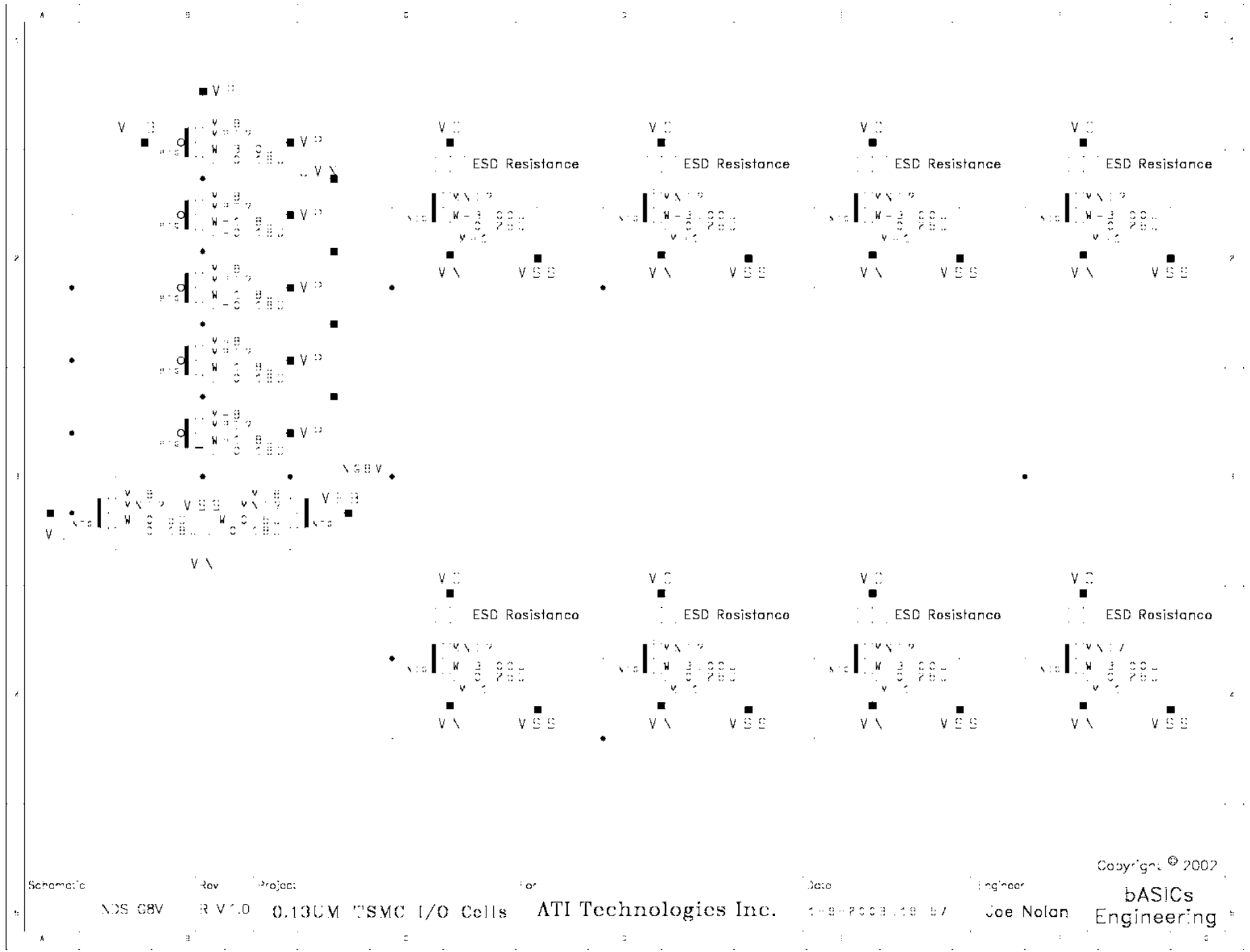


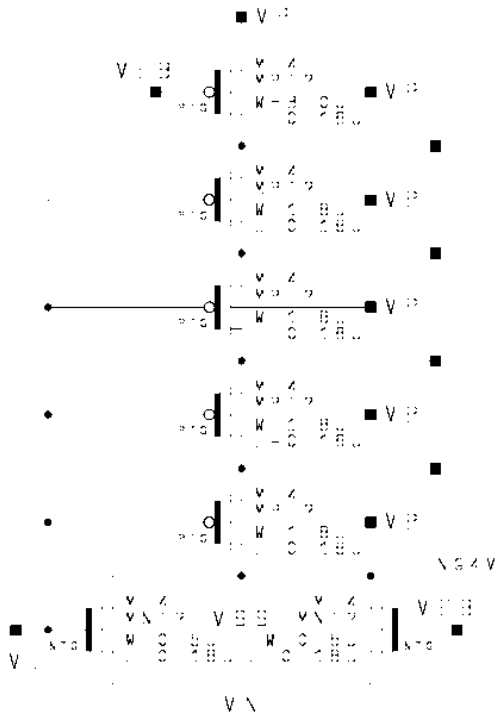
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IPR2023-00922

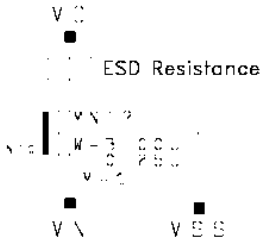
This record has been provided in native format.

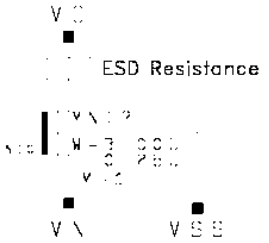

> Vref 0.70×Vccr, schmitt only inputs, or accuracy of falling edges
> Vref 0.50×Vccr, or normal edges
> Vref 0.42×Vccr, or more accuracy of rising edges
> Vref 0.25×Vccr, schmitt only inputs, or accuracy of rising edges
size to drive 20 fF test load
size to drive 20 fF test load
Schematic
Rev
1.0
Project
0.13UM TSMC I/O Cells
For
ATI Technologies Inc.
Date
Engineer
Joe Nolan
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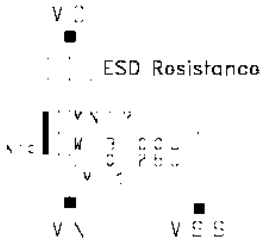

This is an analog cell.
Vary Wn and Lp are a little more than minimum.
Please match and common centroid the following:
VN1 to VN2.
VP1 to VP2.
VN3 to VN4 to VN5.
VP3 to VP4 to VP5.
VN6 to VN7.
VP6 to VP7.
BIAS
VDD
VSS
VP
VN
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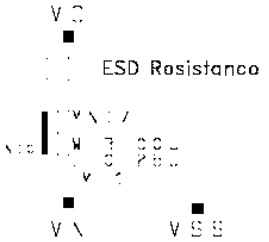

ESD Resistance
ESD Resistance
ESD Resistance
ESD Resistance
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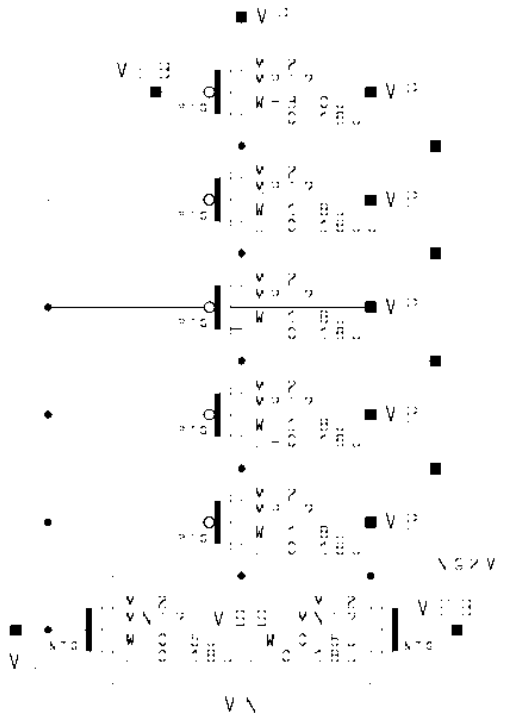



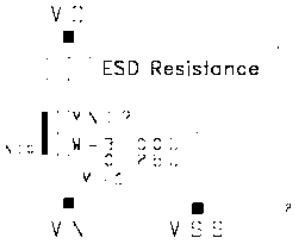

Schematic Rev Project for Date Engineer

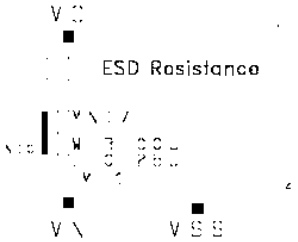
NDS G4V R V1.0 0.13UM TSMC I/O Cells ATI Technologies Inc. 1-9-2003 21:57 Joe Nolan

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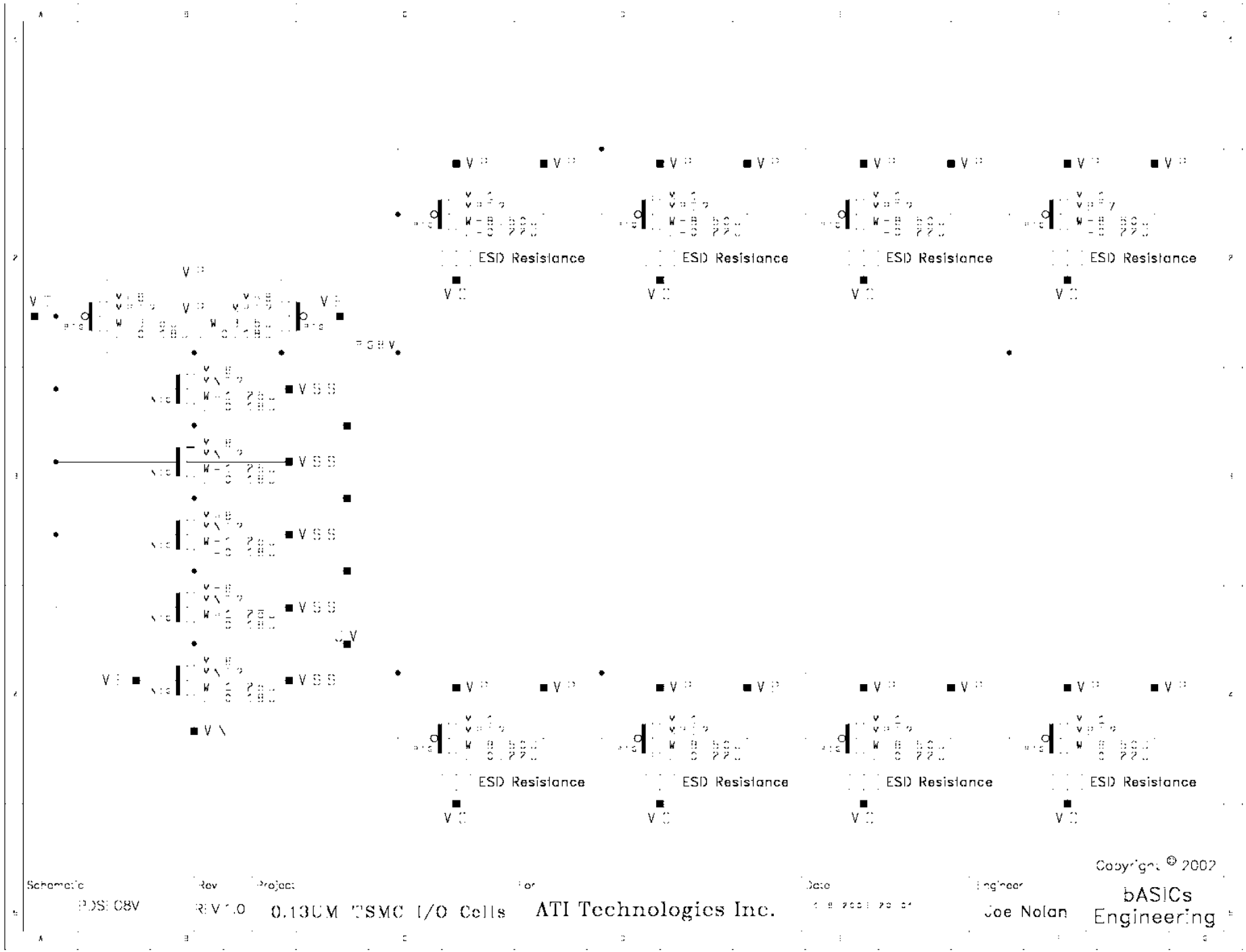


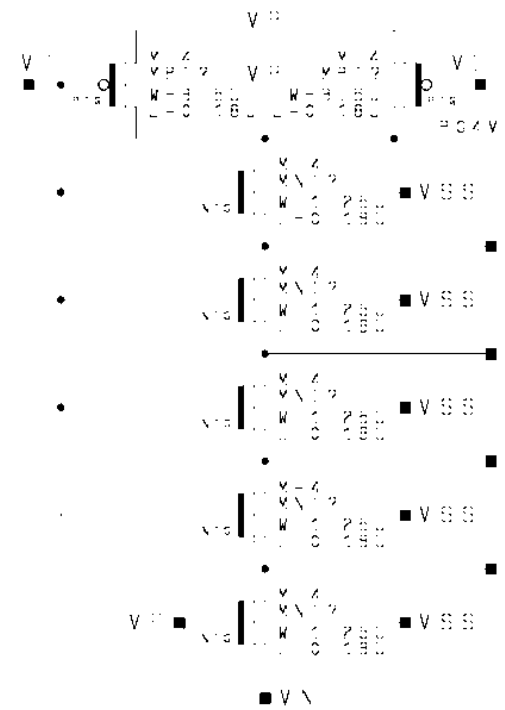


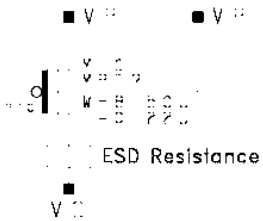



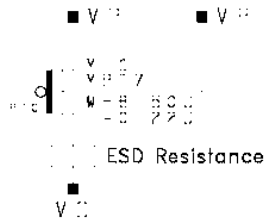

| Schematic | Rev | Project | For | Date | Engineer |
|---|---|---|---|---|---|
| NDS_G2V | R V1.0 | 0.13UM TSMC I/O Cells | ATI Technologies Inc. | 1-8-2003 21:58 | Joe Nolan |

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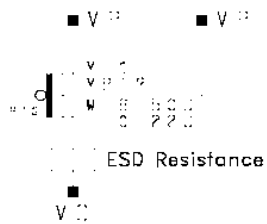




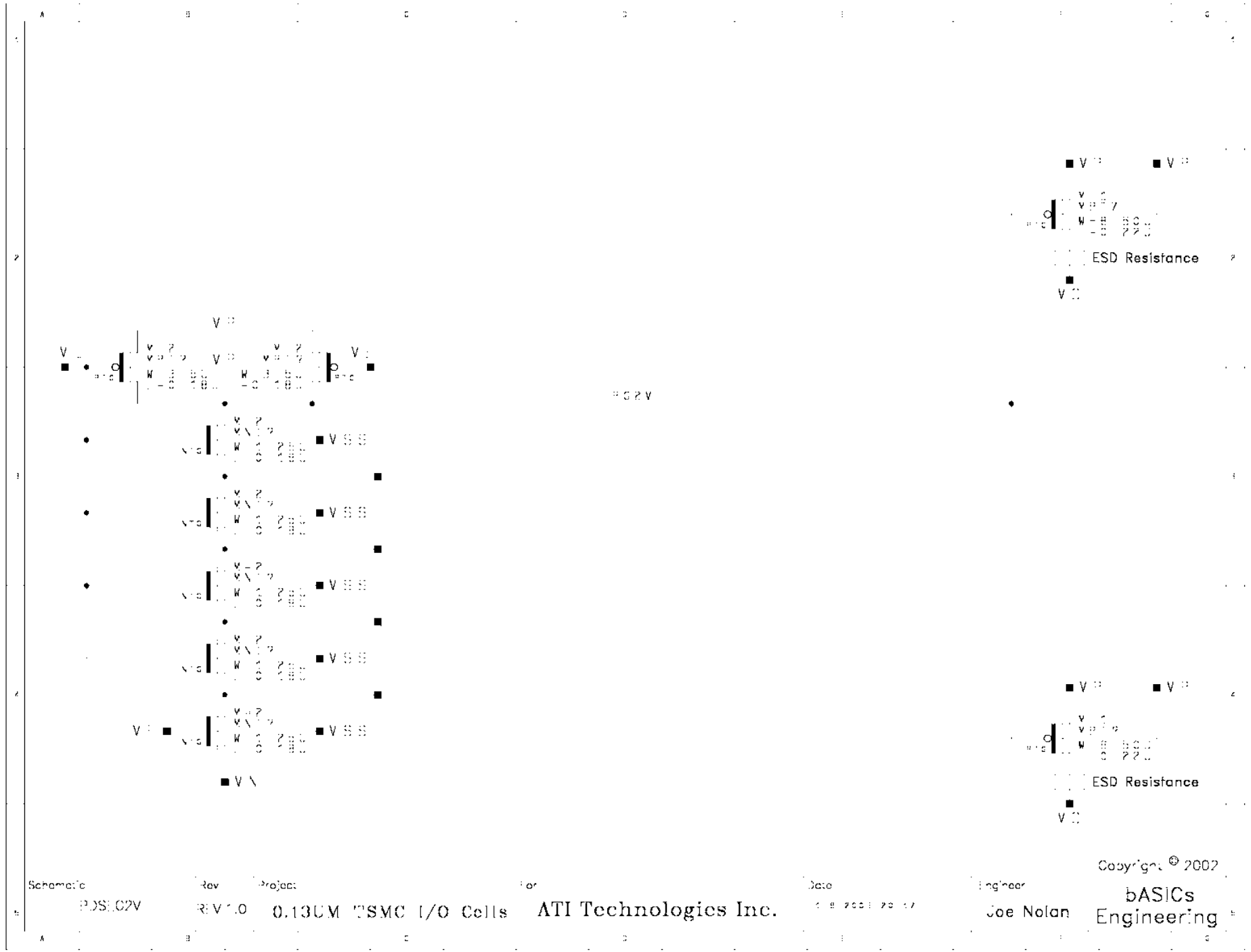






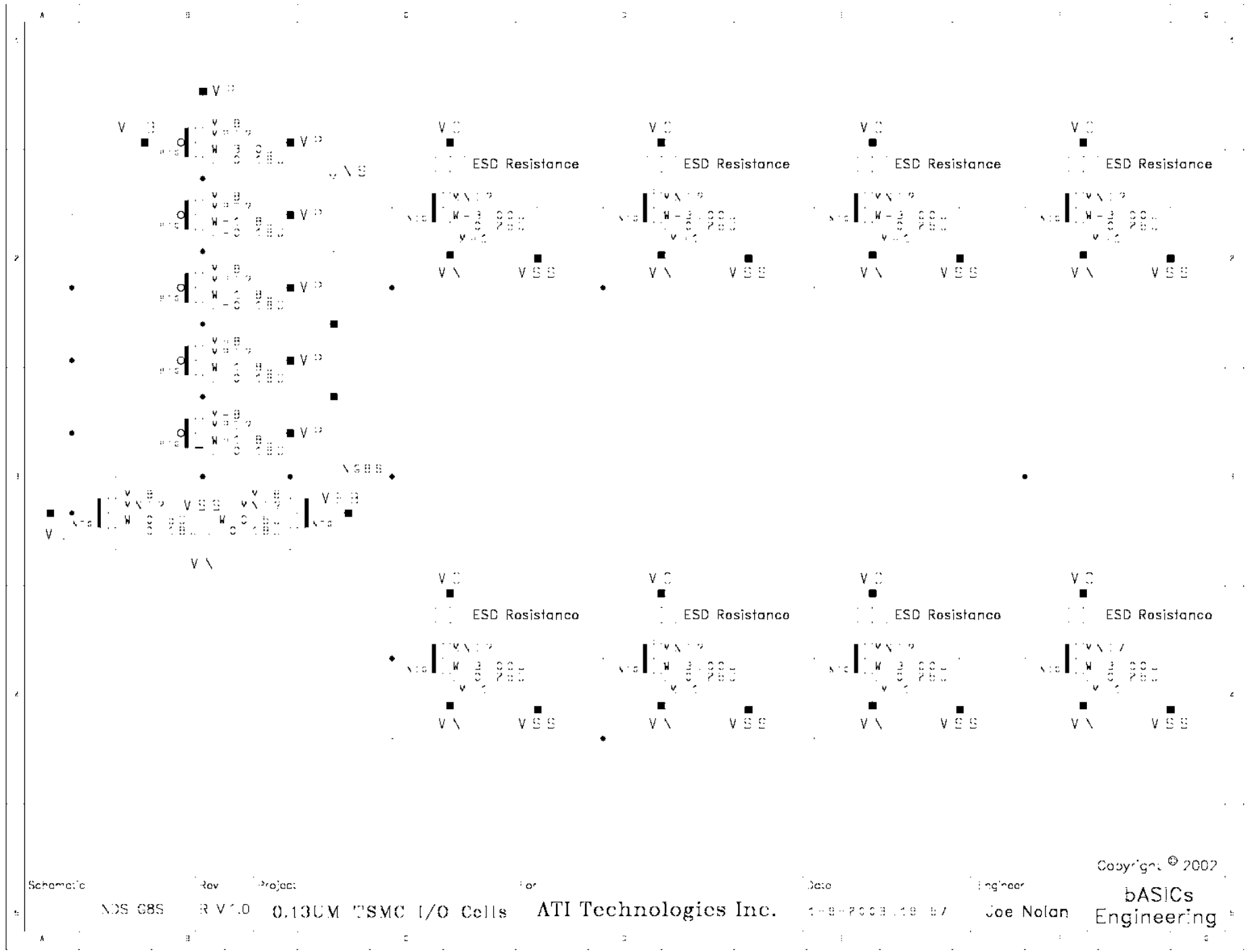

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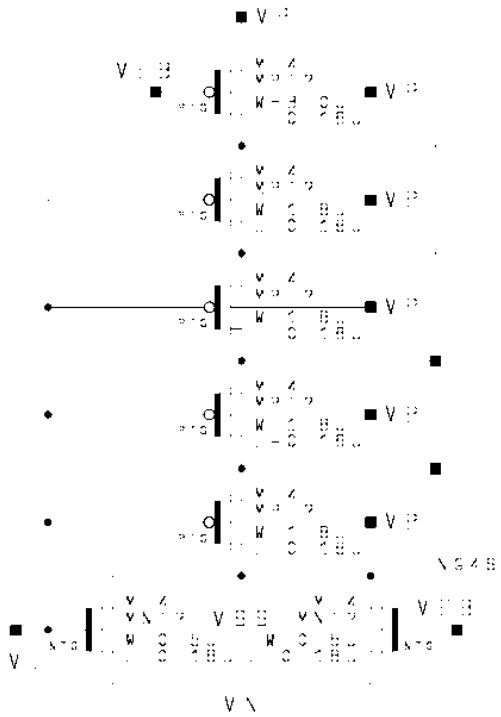

Schematic: PDSLC2V | Rev: REV 1.0 | Project: 0.13UM TSMC I/O Cells | For: ATI Technologies Inc. | Date | Engineer: Joe Nolan

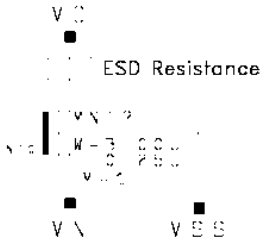
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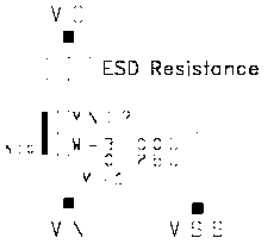


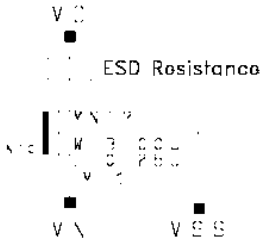

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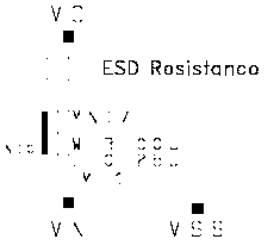
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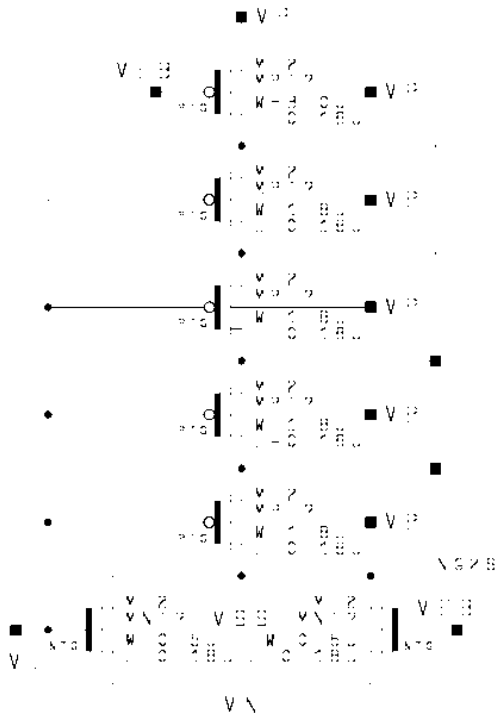



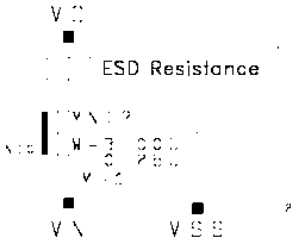



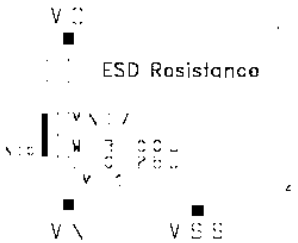

Schematic Rev Project: for Date Engineer

NDS 04S R V1.0 0.13UM TSMC I/O Cells ATI Technologies Inc. 1-8-2003 20:48 Joe Nolan

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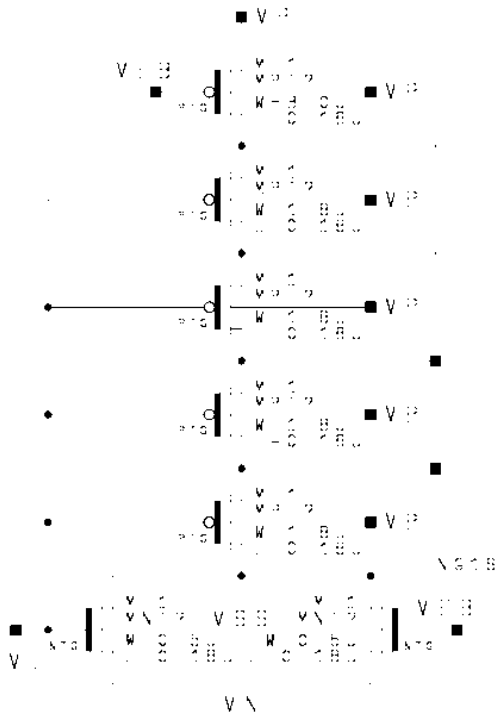


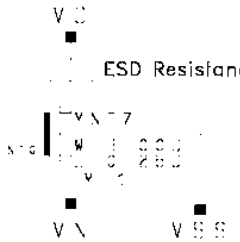



| Schematic | Rev | Project | For | Date | Engineer |
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| NDS_G2S | R V1.0 | 0.13UM TSMC I/O Cells | ATI Technologies Inc. | 1-8-2003 20:47 | Joe Nolan |

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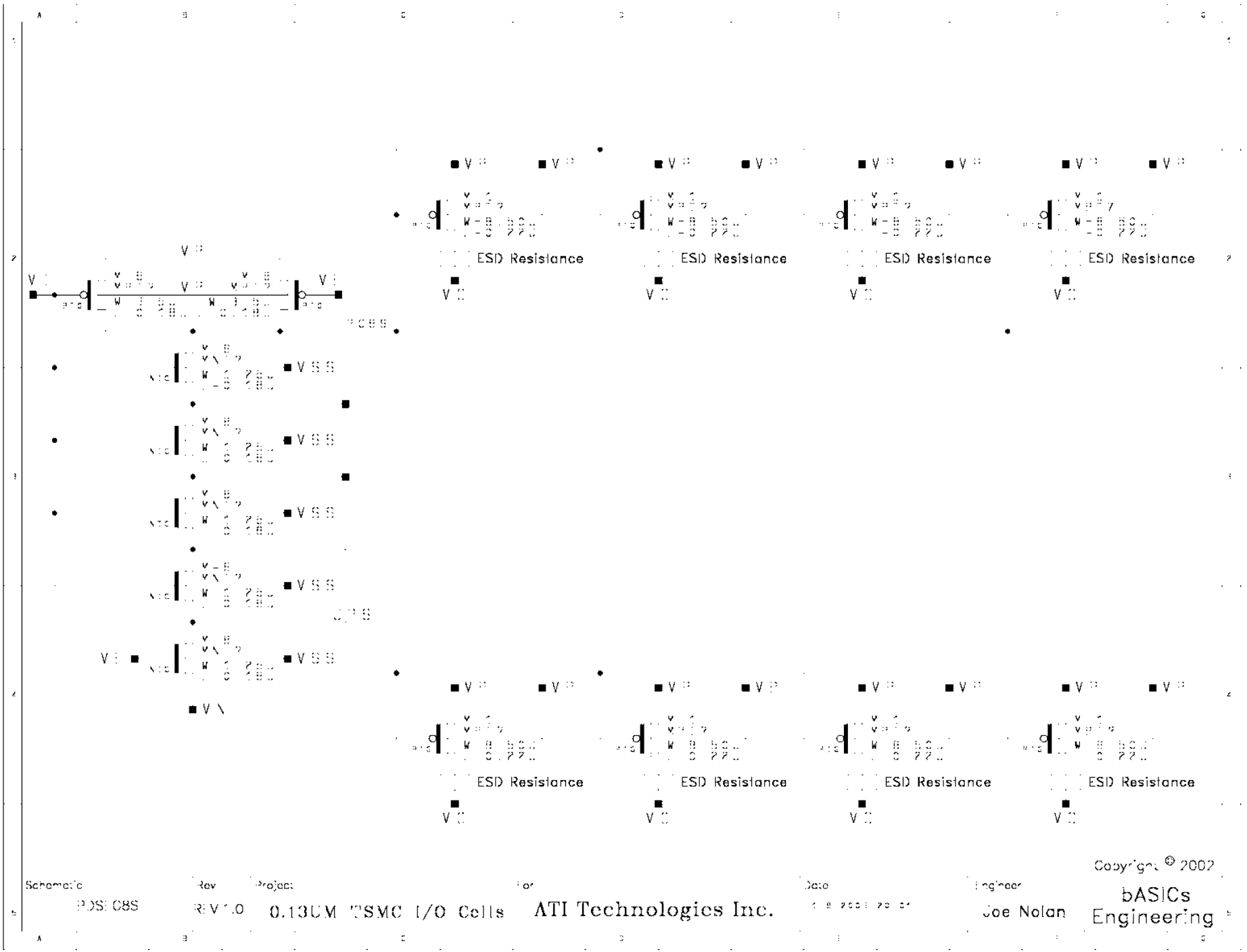


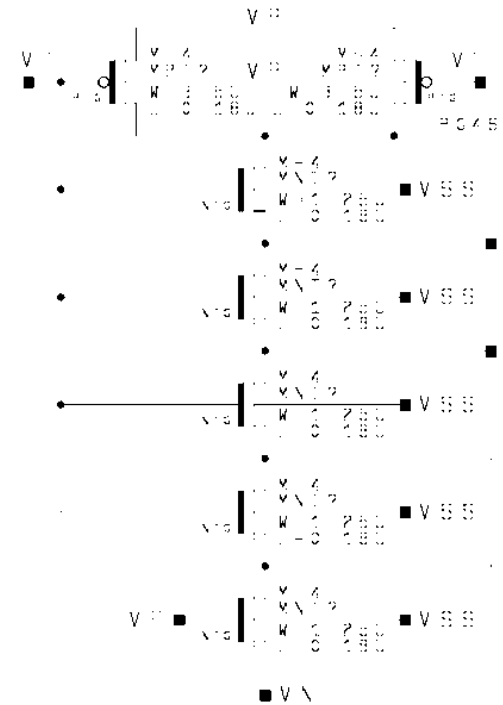


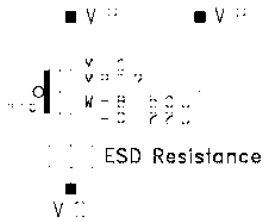

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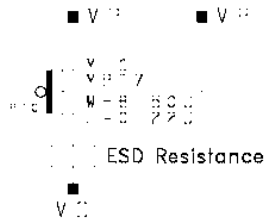
NDS 015 R V1.0 0.13UM TSMC I/O Cells ATI Technologies Inc. 1-9-2003 20:49 Joe Nolan

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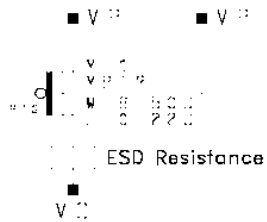




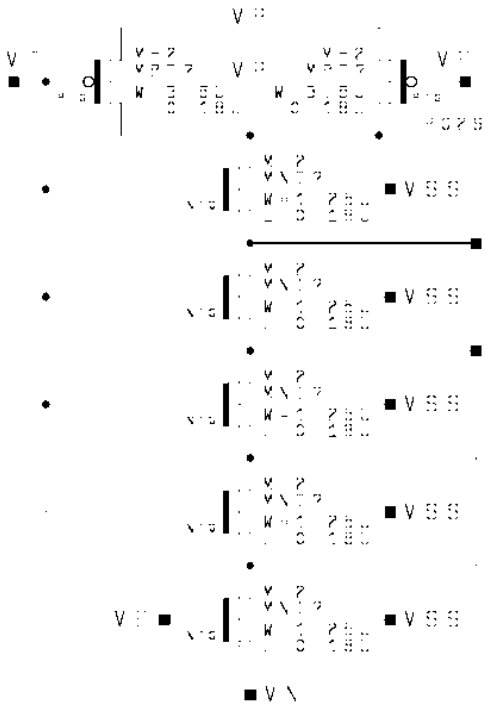


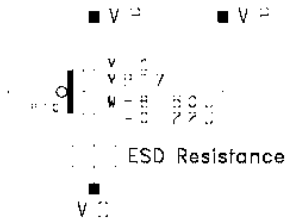


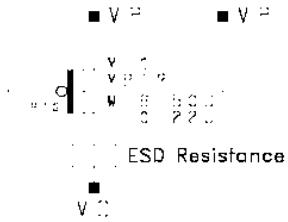



Schematic: PDSIC4S | Rev: REV 1.0 | Project: 0.13UM TSMC I/O Cells | For: ATI Technologies Inc. | Date: [illegible] | Engineer: Joe Nolan

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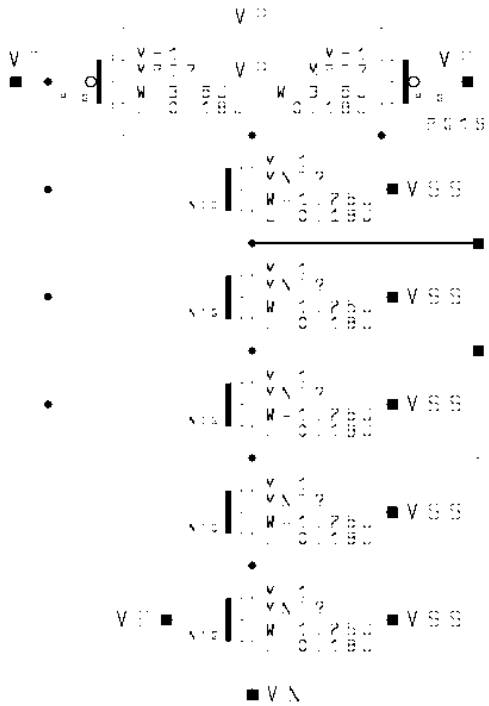


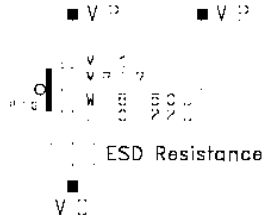



Schematic: PDSLC2S | Rev: REV 1.0 | Project: 0.13UM TSMC I/O Cells | For: ATI Technologies Inc. | Date: [illegible] | Engineer: Joe Nolan

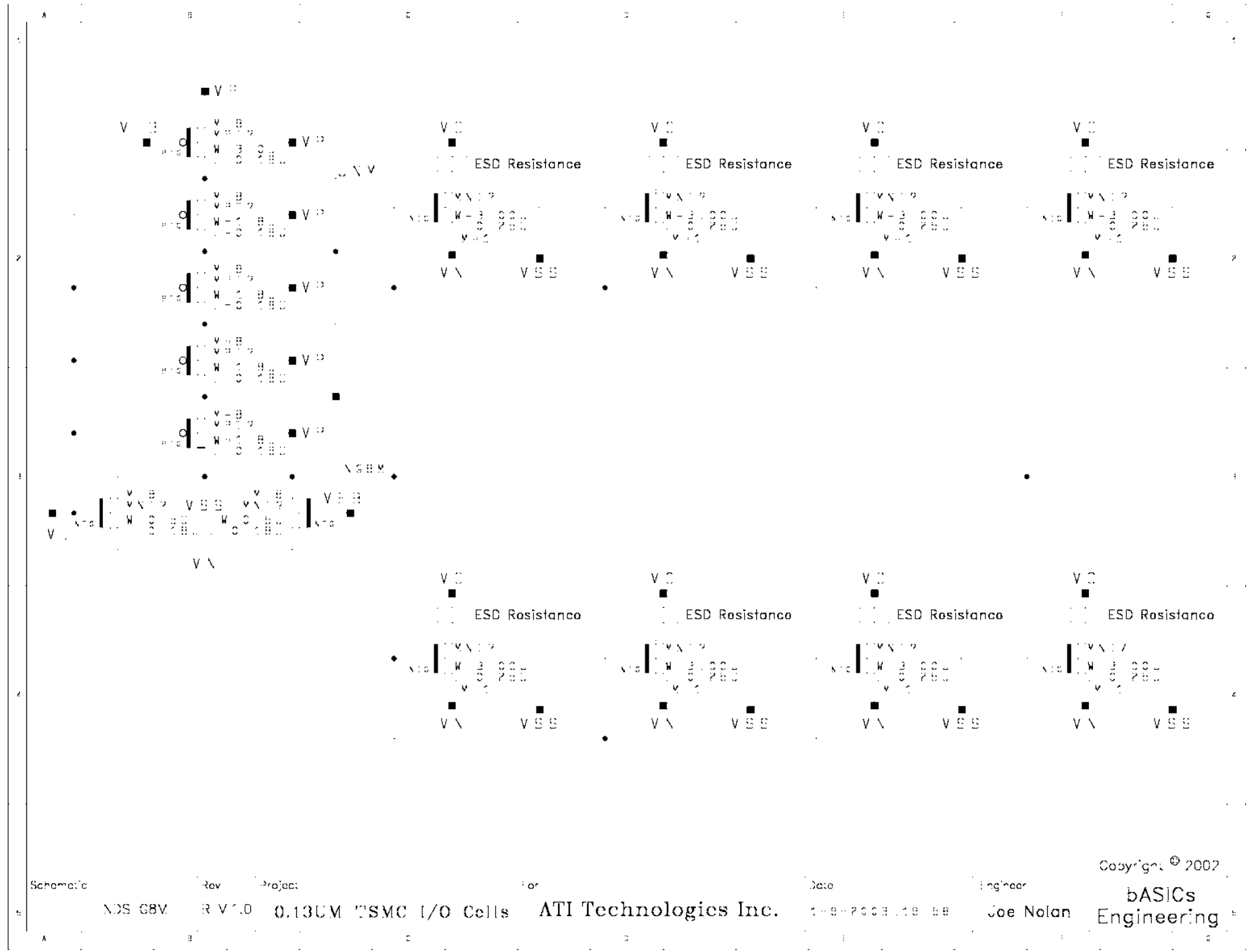
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Schematic: PDSICS | Rev: REV 1.0 | Project: 0.13UM TSMC I/O Cells | For: ATI Technologies Inc. | Date: [illegible] | Engineer: Joe Nolan

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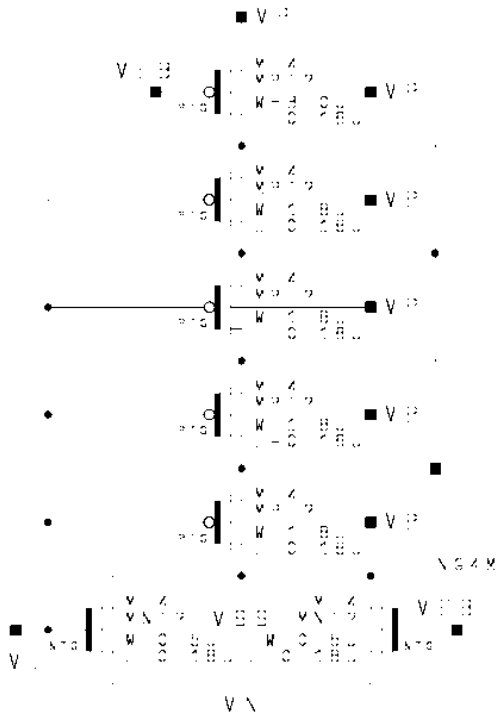


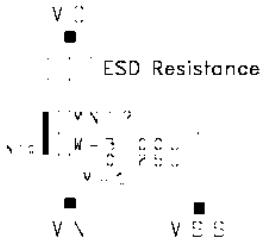

Schematic Rev Project For Date Engineer

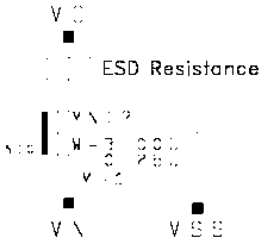
NDS G8V R V1.0 0.13UM TSMC I/O Cells ATI Technologies Inc. 1-8-2003 10:58 Joe Nolan

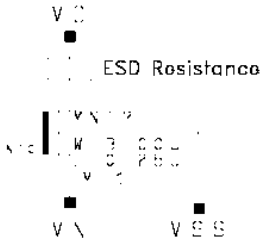
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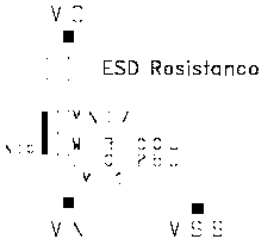
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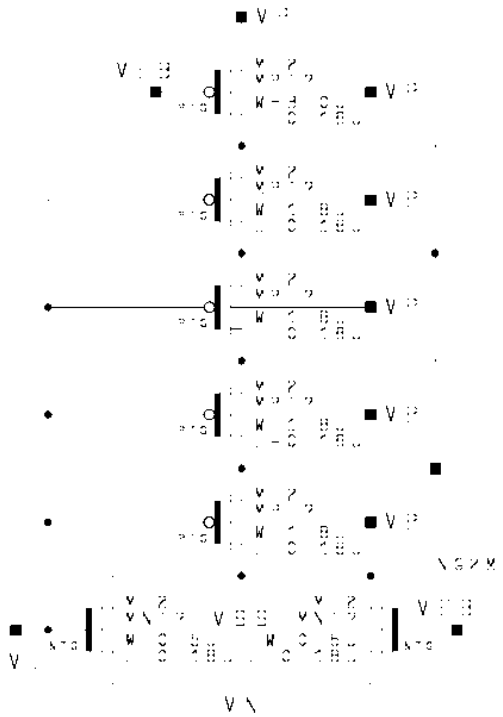



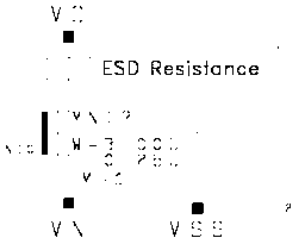



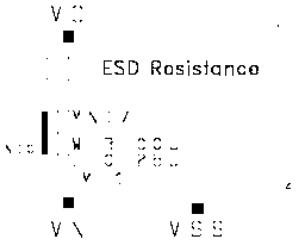

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NDS G4M R V1.0 0.13UM TSMC I/O Cells ATI Technologies Inc. 1-8-2003 20:58 Joe Nolan

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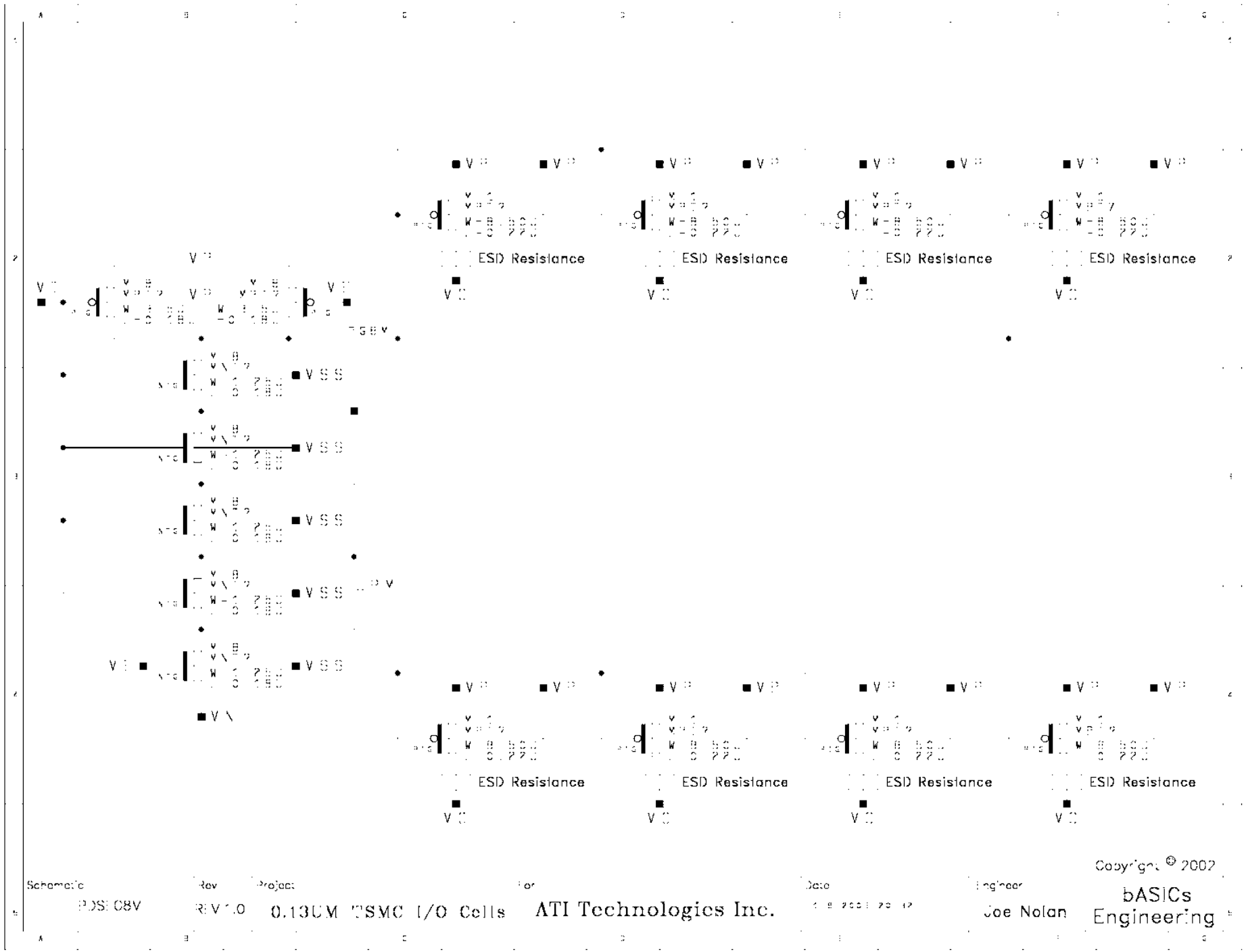


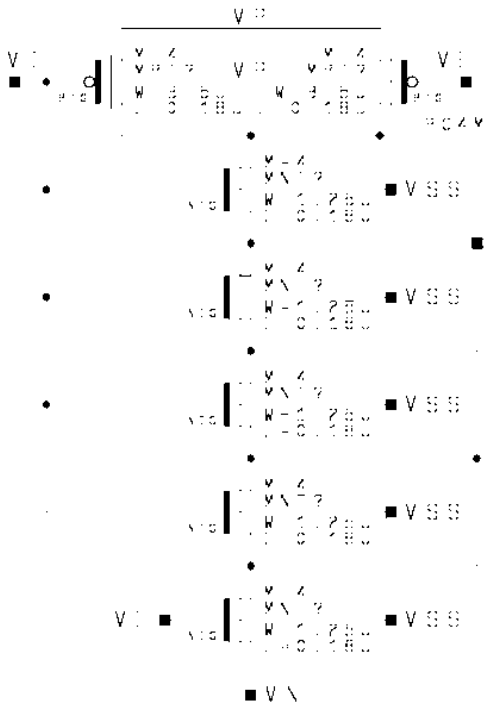


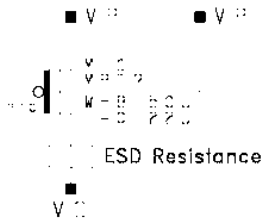



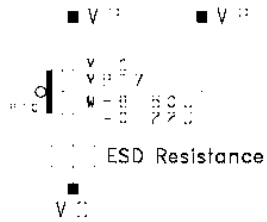

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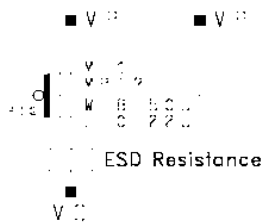
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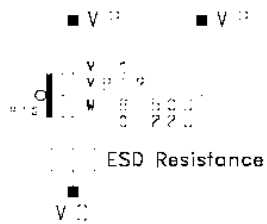

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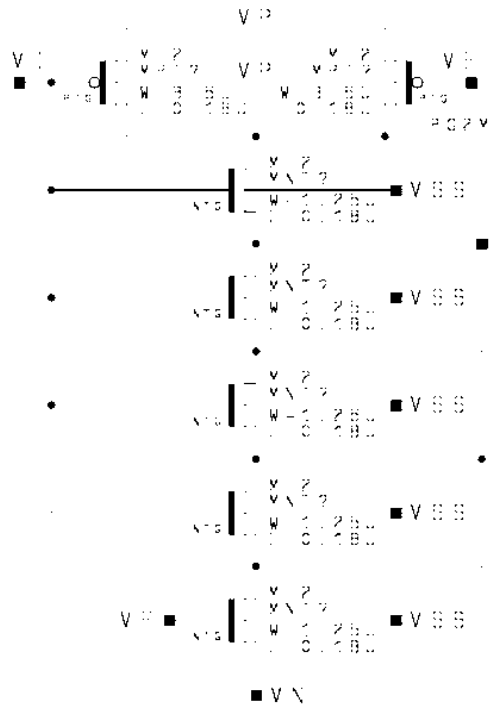



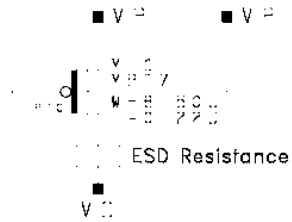




Schematic: PDSIC4V | Rev: REV 1.0 | Project: 0.13UM TSMC I/O Cells | For: ATI Technologies Inc. | Date: [illegible] | Engineer: Joe Nolan

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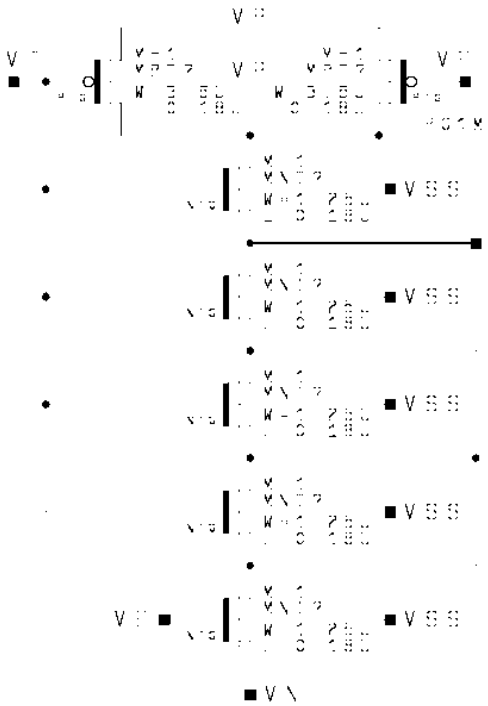


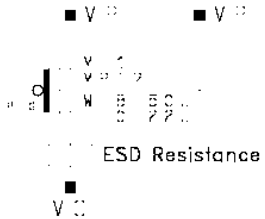




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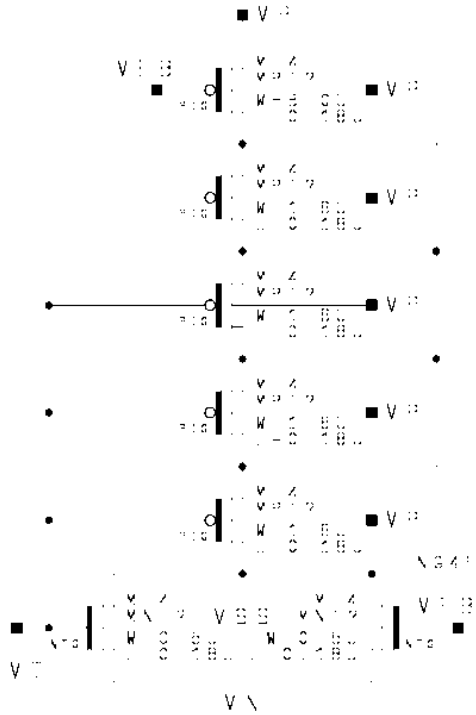
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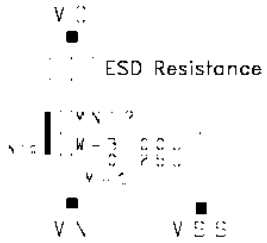


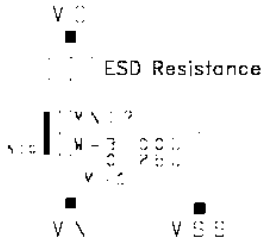


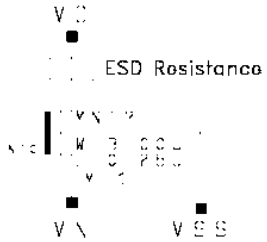

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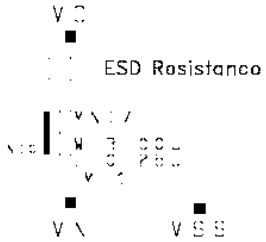
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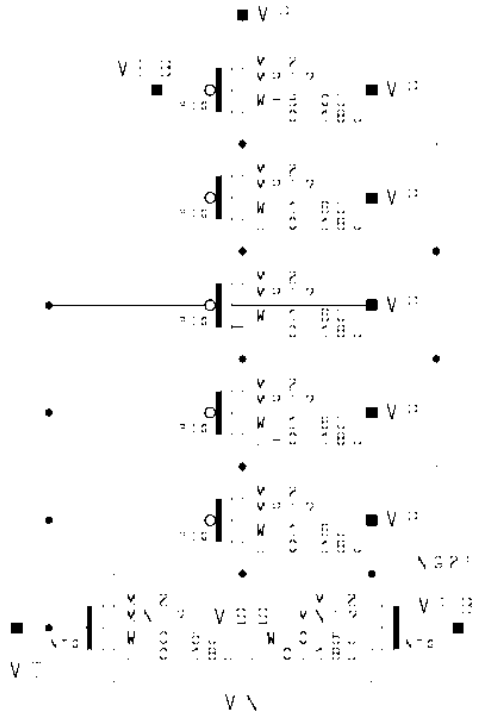



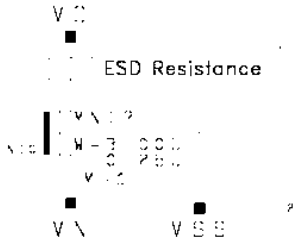

Schematic Rev Project For Date Engineer

NDS 04 R V1.0 0.13UM TSMC I/O Cells ATI Technologies Inc. 1-9-2003.20:39 Joe Nolan

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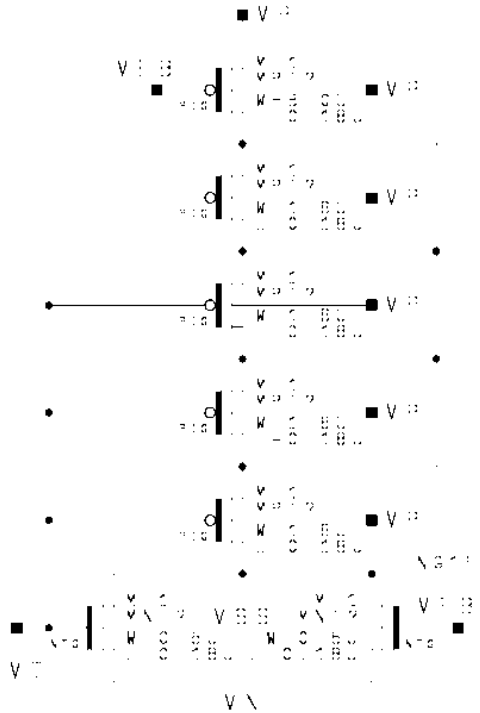


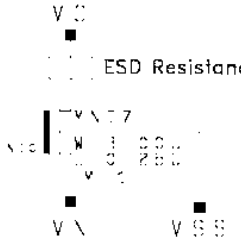




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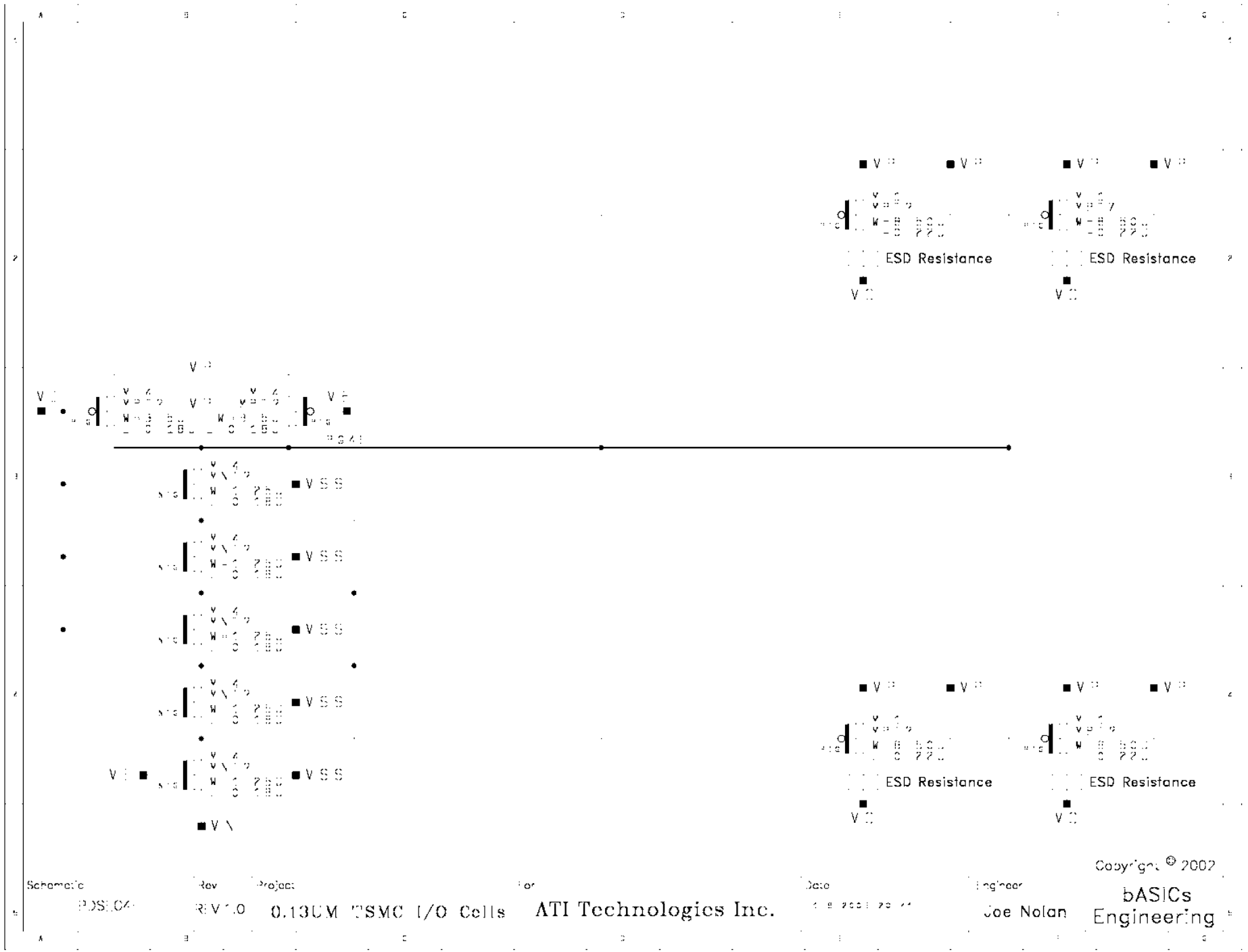
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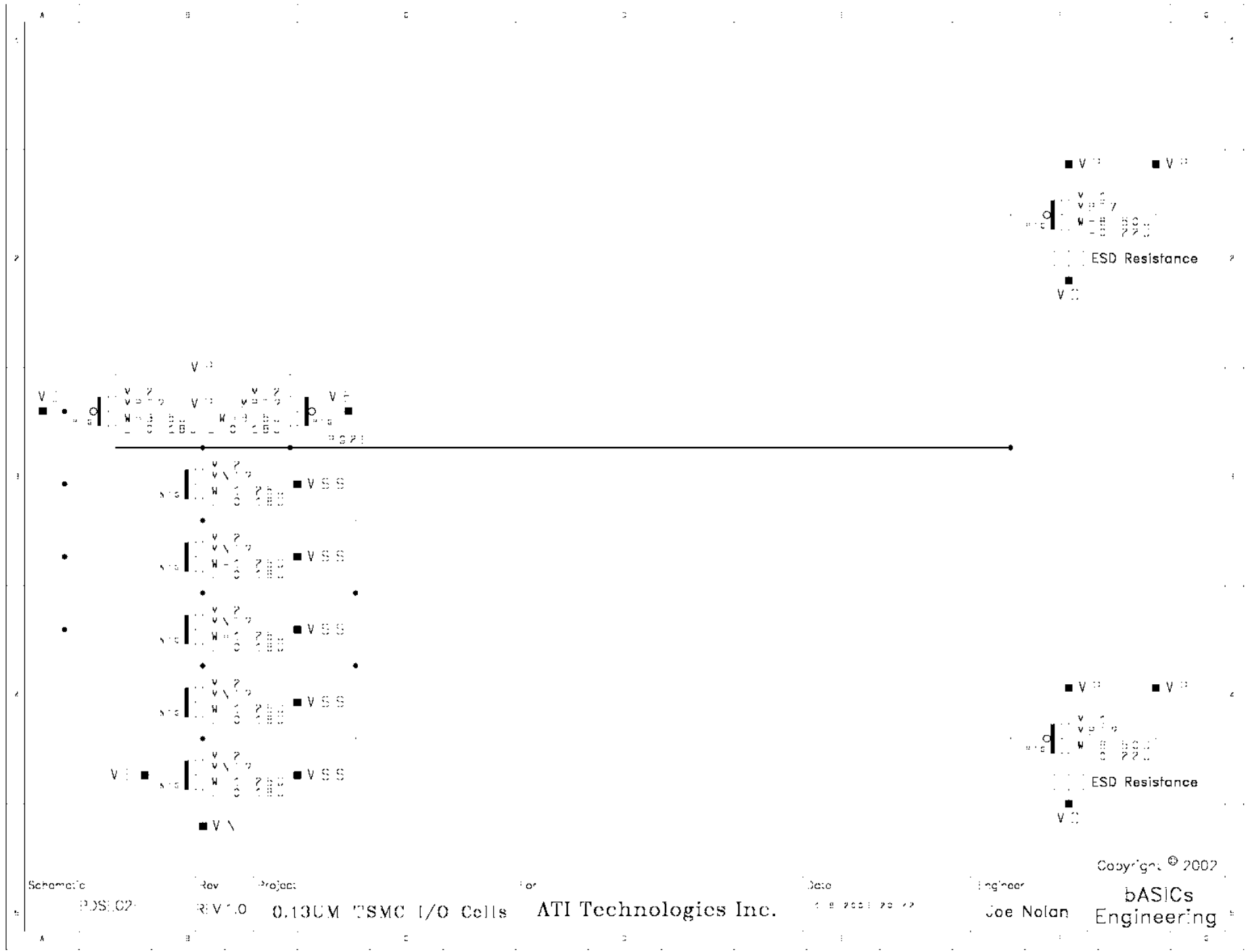




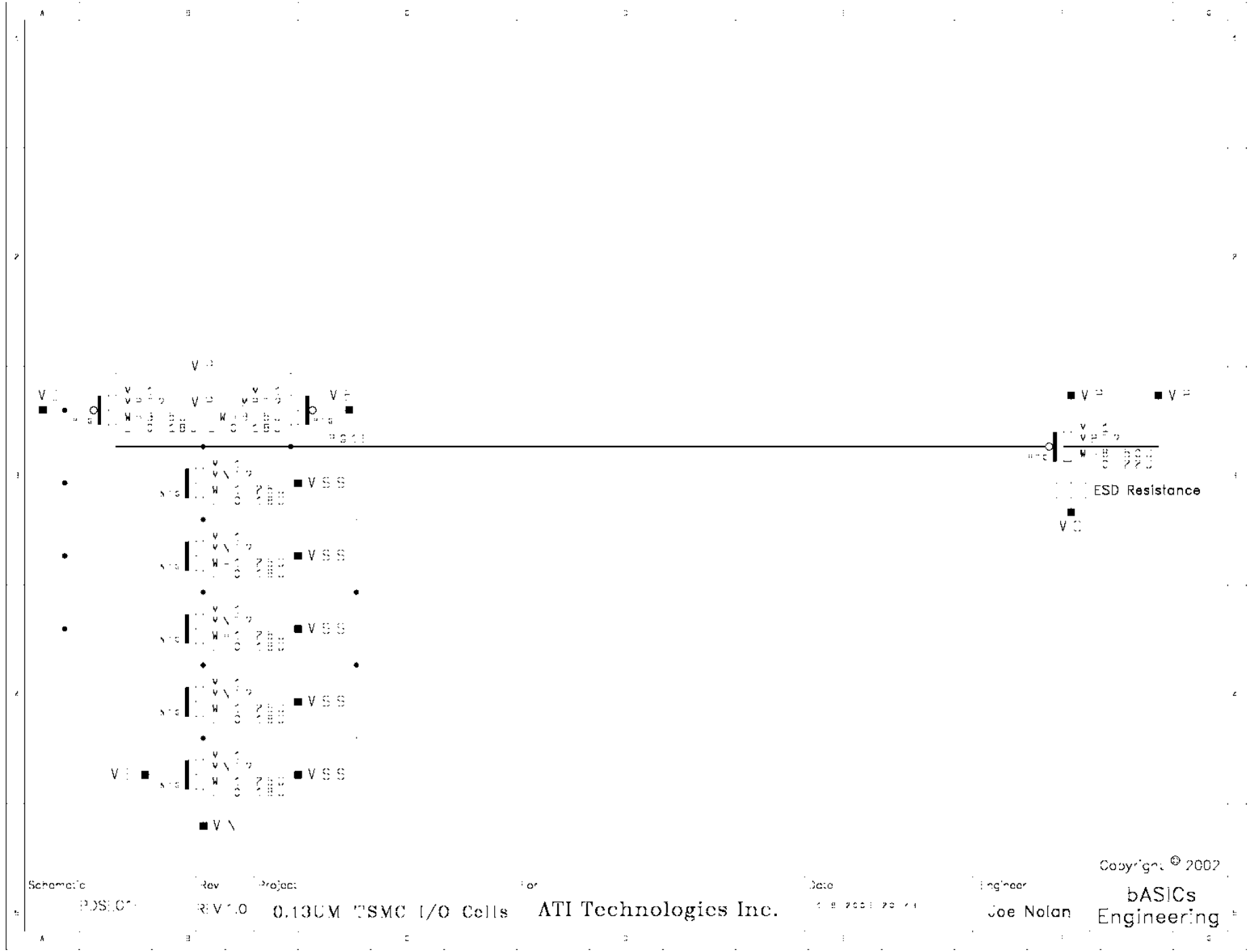

Schematic: NDS_01 Rev: R V1.0 Project: 0.13UM TSMC I/O Cells For: ATI Technologies Inc. Date: 1-8-2003 20:40 Engineer: Joe Nolan

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ESD Resistance
ESD Resistance
ESD Resistance
ESD Resistance
Schematic
Rev
Project
for
Date
Engineer
REV 1.0
0.13UM TSMC I/O Cells
ATI Technologies Inc.
Joe Nolan
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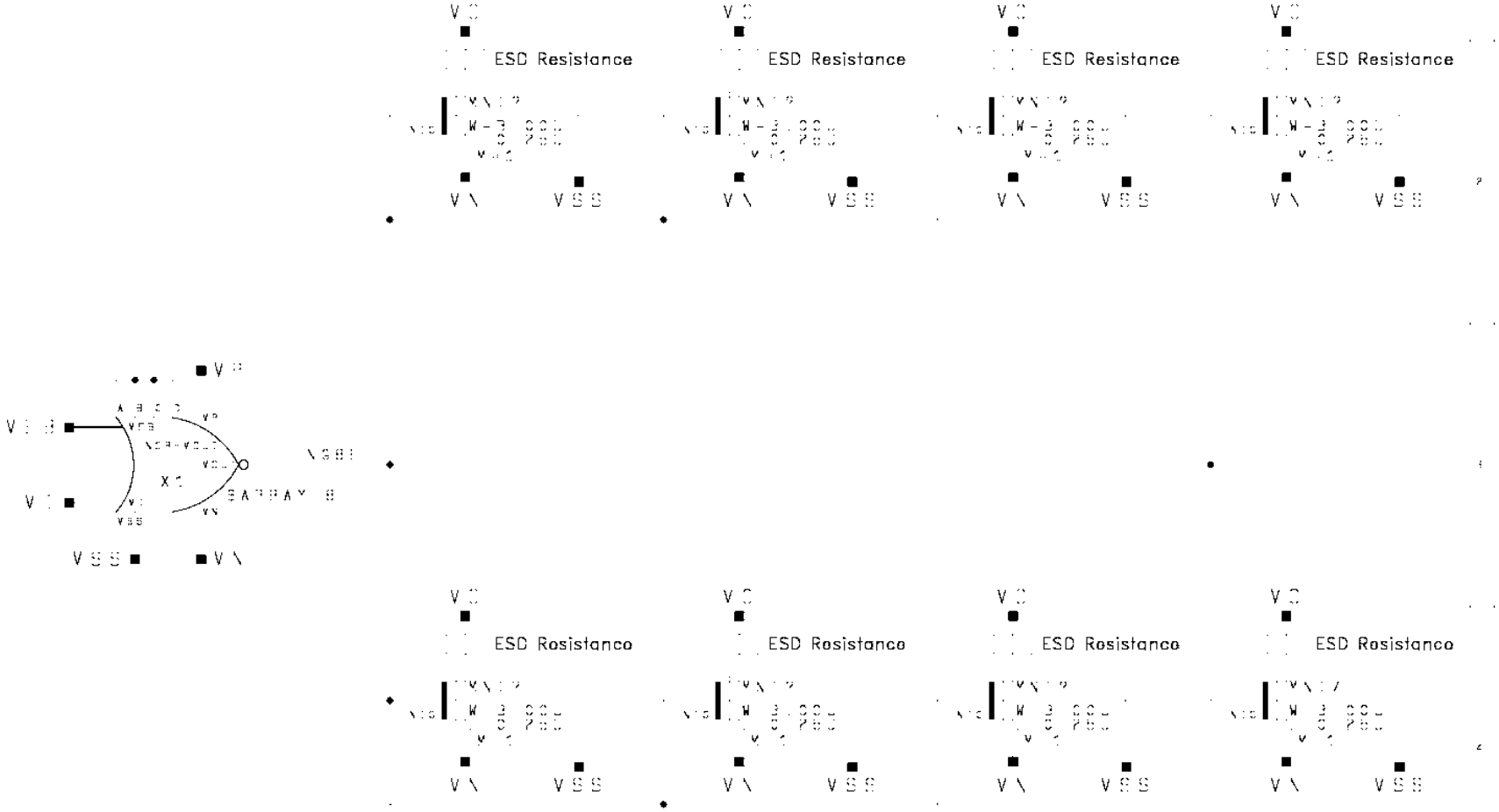

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REV 1.0 | 0.13UM TSMC I/O Cells | ATI Technologies Inc. | Joe Nolan

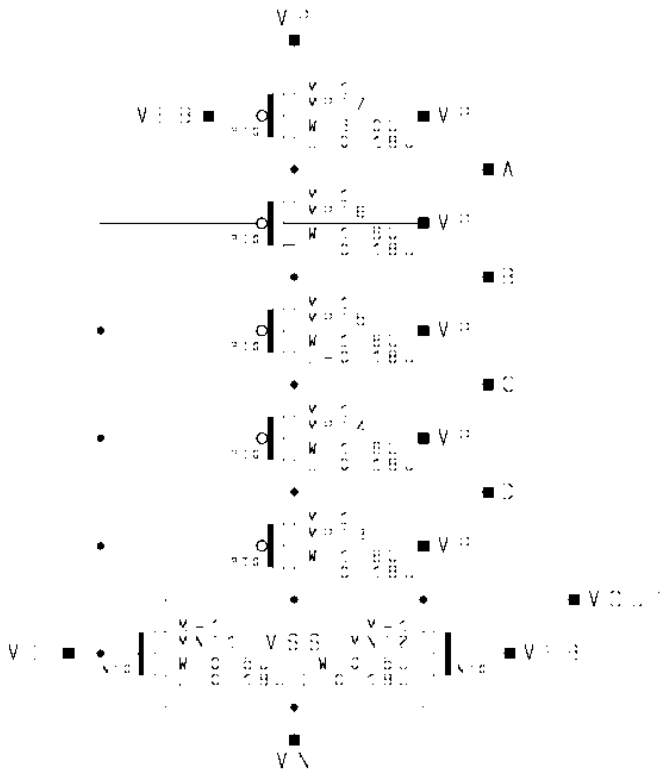
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Schematic: NDS_GB Rev: R V1.0 Project: 0.13UM TSMC I/O Cells For: ATI Technologies Inc. Date: 1-11-2002 16:00 Engineer: Joe Nolan

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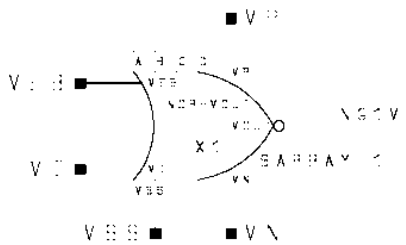
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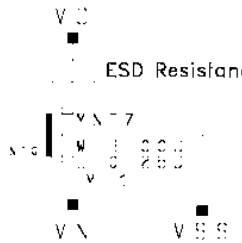



Schematic | Rev | Project | For | Date | Engineer

NOR-VOC R V1.0 | 0.13UM TSMC I/O Cells | ATI Technologies Inc. | Joe Nolan

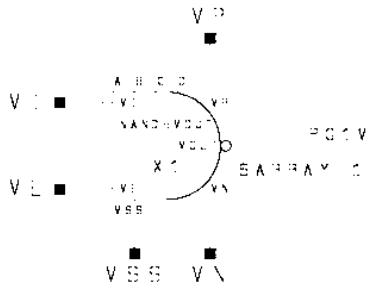
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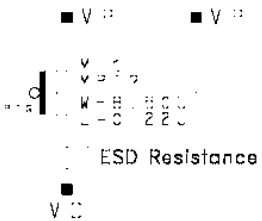





| Schematic | Rev | Project | For | Date | Engineer |
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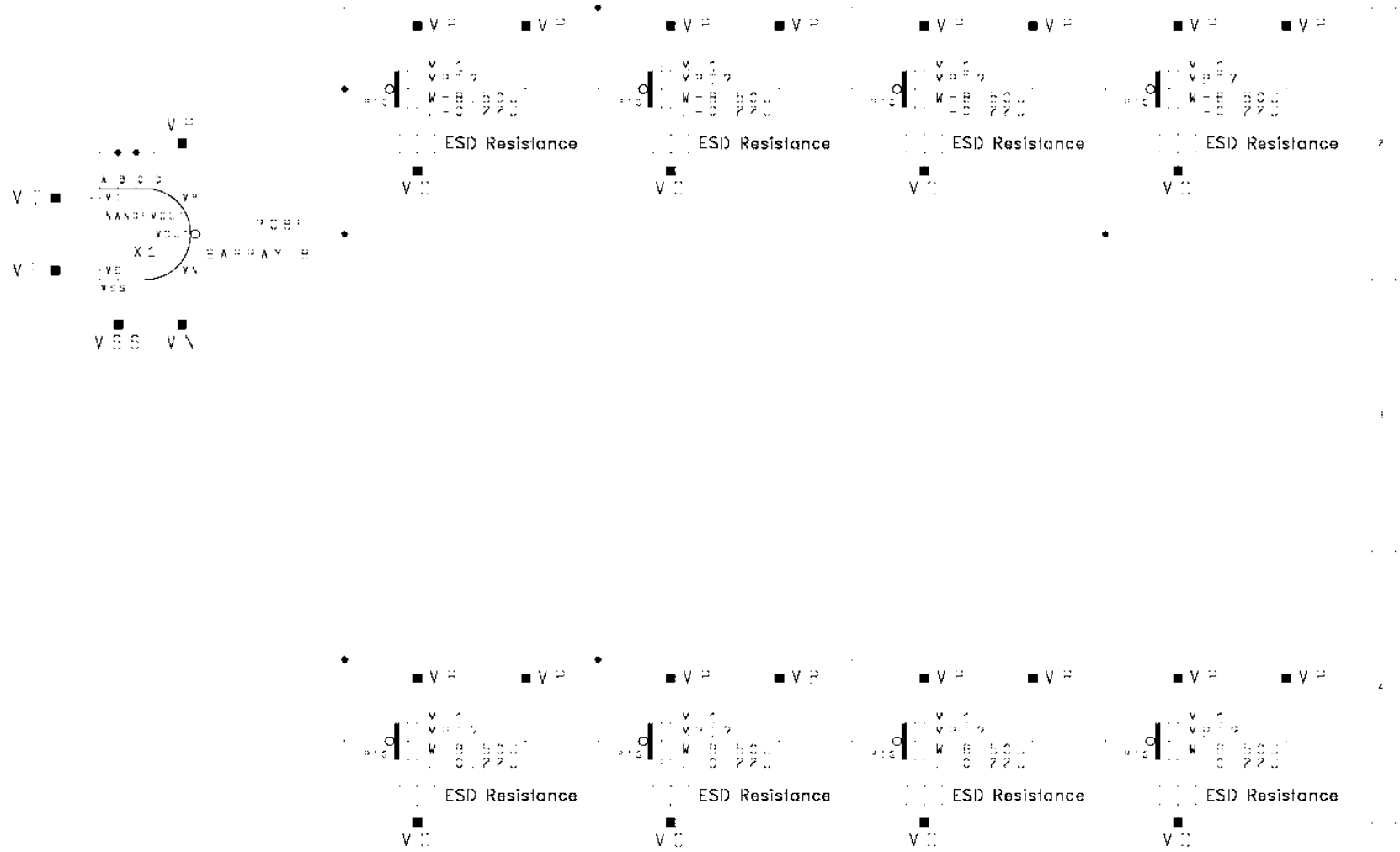
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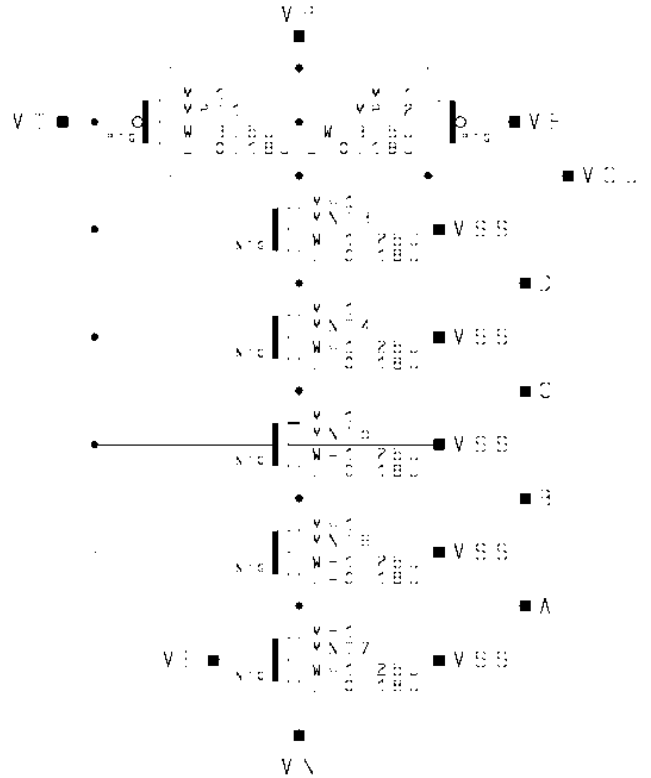

Schematic: PDSIOV | Rev: REV 1.0 | Project: 0.13UM TSMC I/O Cells | For: ATI Technologies Inc. | Date: [illegible] | Engineer: Joe Nolan

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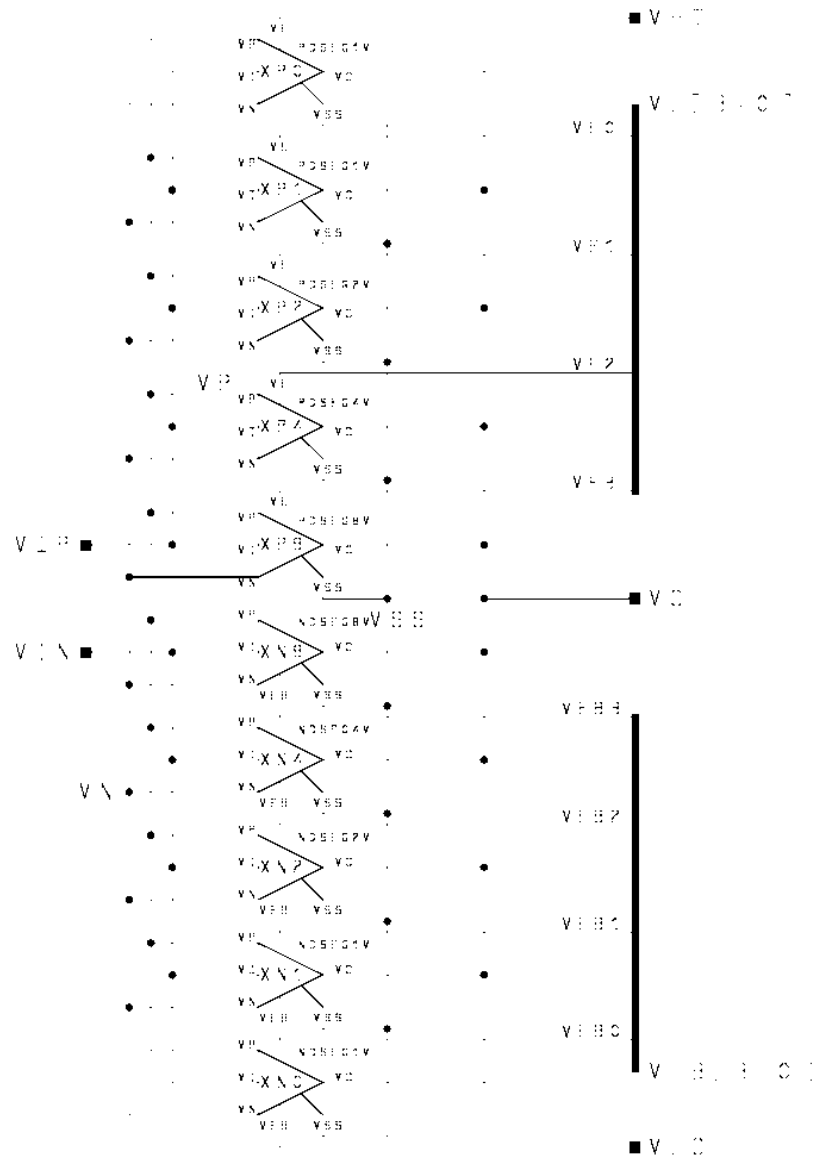

Schematic: PDSIC8 | Rev: REV 1.0 | Project: 0.13UM TSMC I/O Cells | For: ATI Technologies Inc. | Date: [illegible] | Engineer: Joe Nolan

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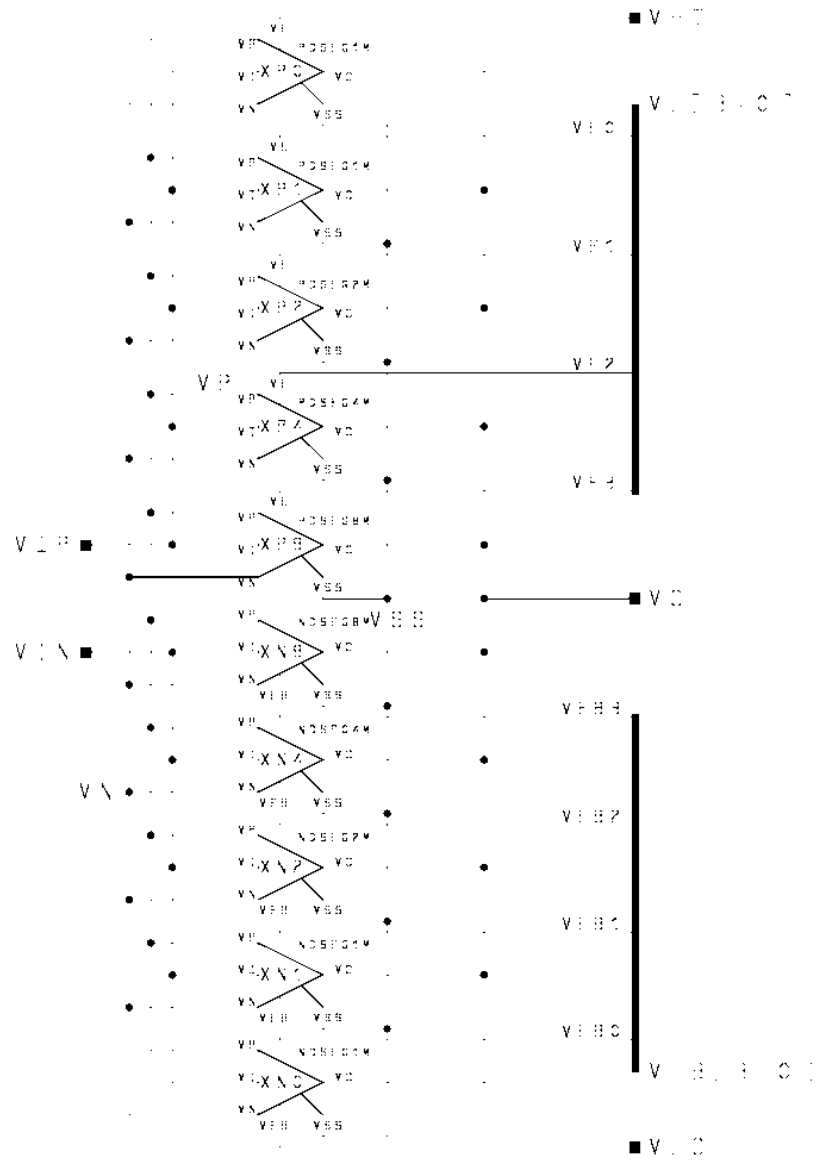

Schematic: NAND-VOC | Rev: REV 1.0 | Project: 0.13UM TSMC I/O Cells | For: ATI Technologies Inc. | Date: [illegible] | Engineer: Joe Nolan

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Schematic: OUTDRVSS.0 | Rev: R V1.0 | Project: 0.13UM TSMC I/O Cells | For: ATI Technologies Inc. | Date: 1-9-2003 22:43 | Engineer: Joe Nolan

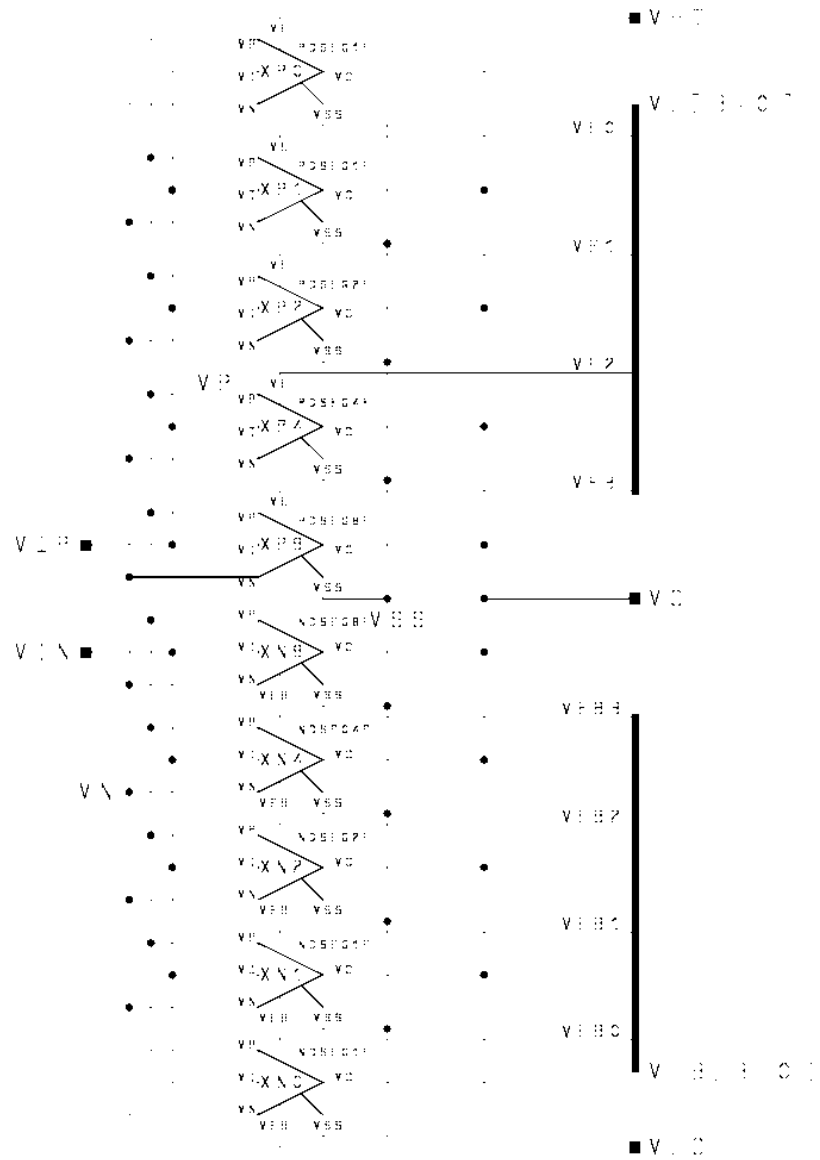
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Schematic Rev Project For Date Engineer

OUTDRVMIDR V1.0 0.13UM TSMC I/O Cells ATI Technologies Inc. 12-18-2002,23:11 Joe Nolan

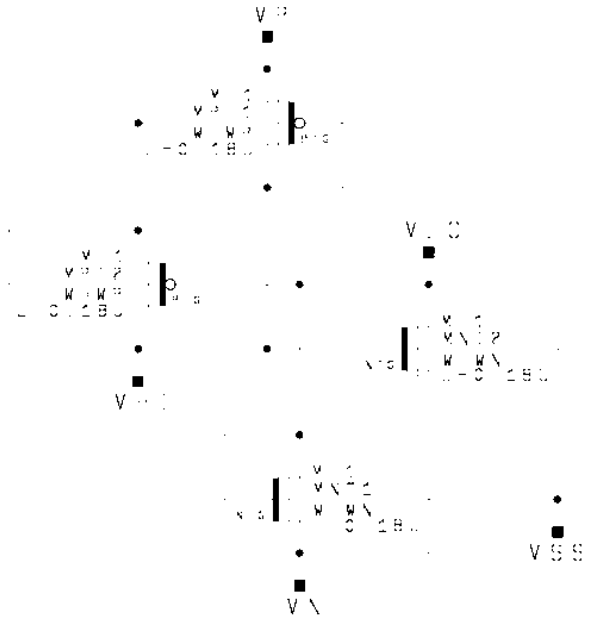
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Schematic Rev Project For Date Engineer

OLYDRVMASTR V1.0 0.13UM TSMC I/O Cells ATI Technologies Inc. 12-18-2002 18:33 Joe Nolan

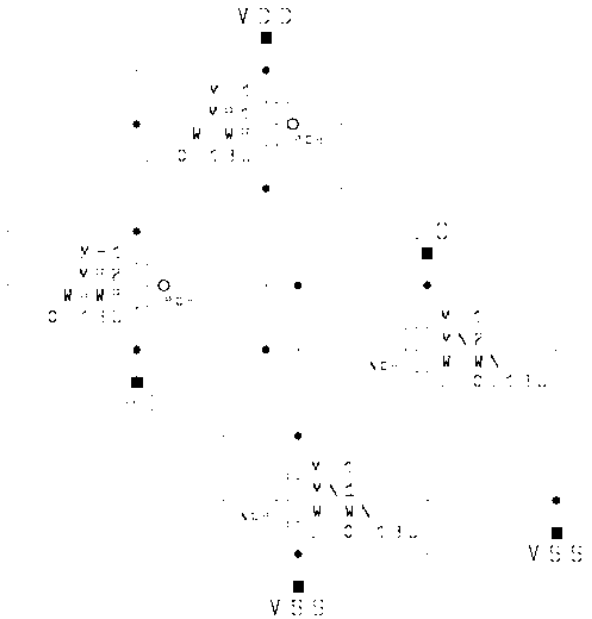
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Schematic | Rev | Project | for | Date | Engineer

SO[illegible]-V | 1.0 | 0.13UM TSMC I/O Cells | ATI Technologies Inc. | [illegible] | Joe Nolan

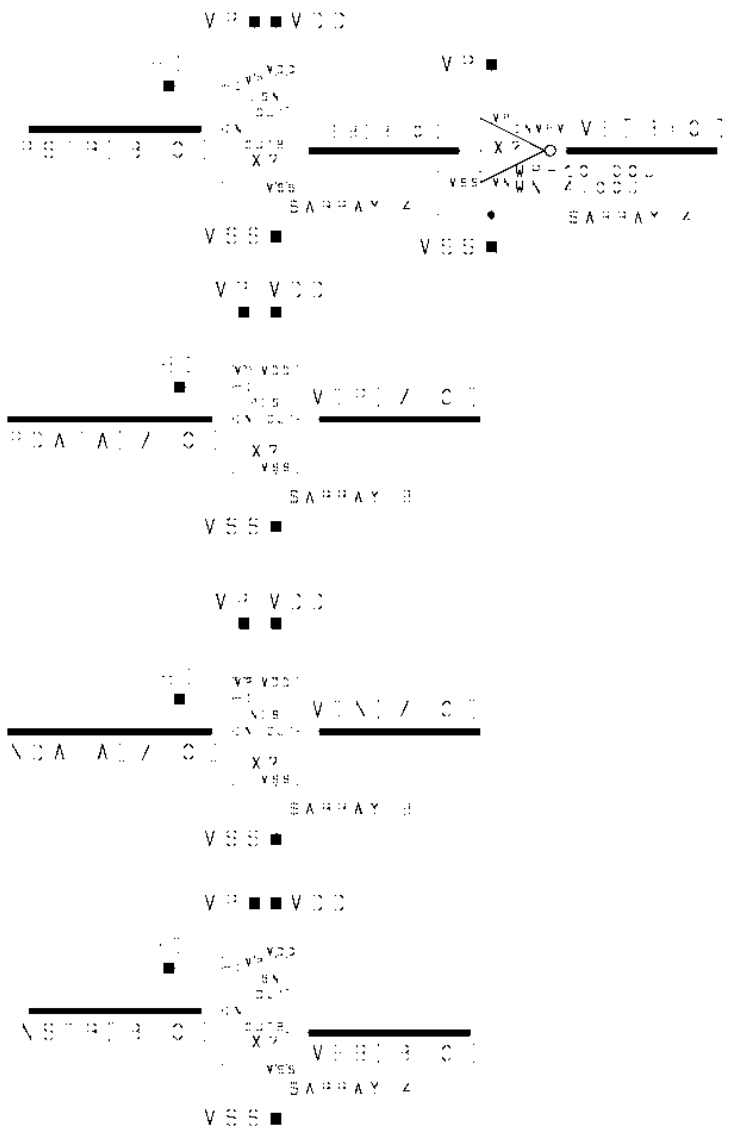
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Schematic | Rev | Project | For | Date | Engineer

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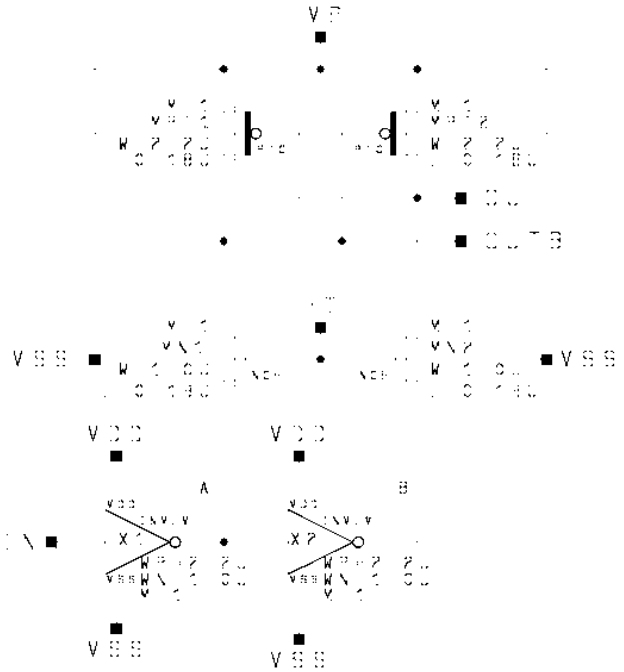


Schematic Rev Project For Date Engineer

0.13UM TSMC I/O Cells ATI Technologies Inc. Joe Nolan

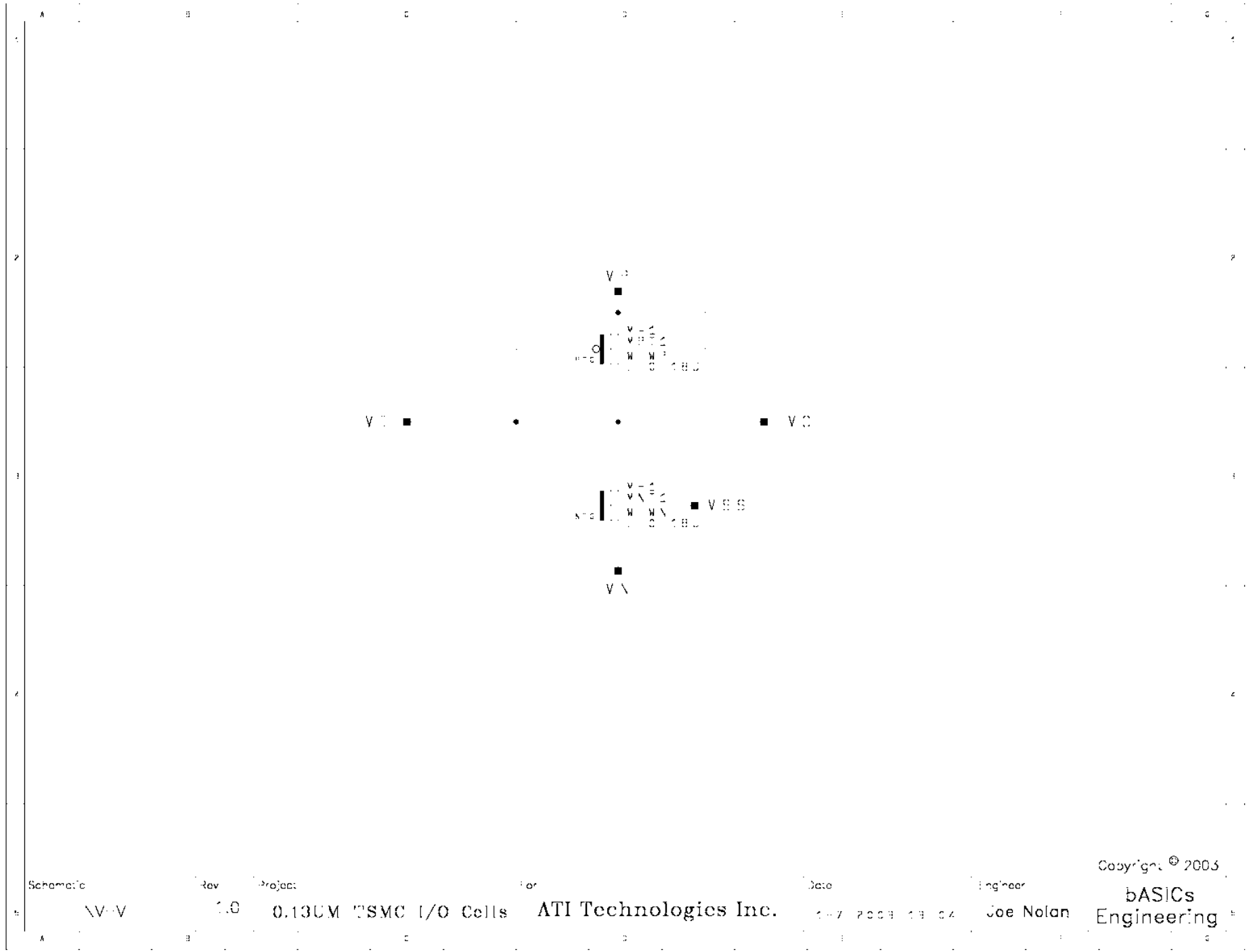
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Simple Level Shifter



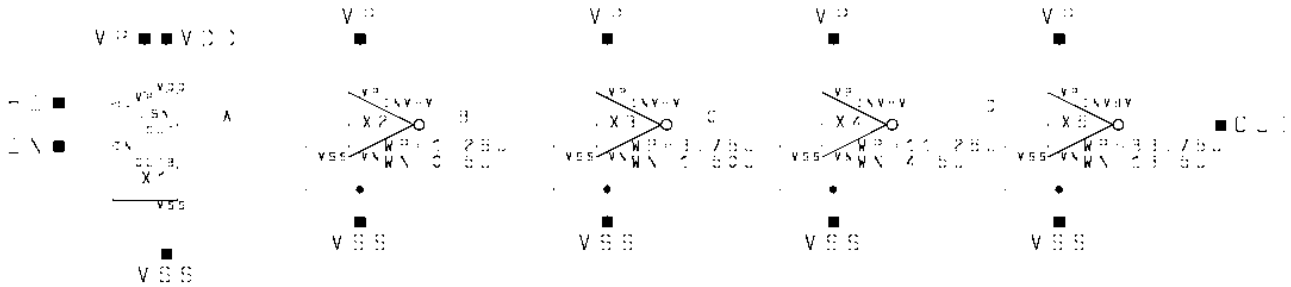

Schematic | Rev | Project: 0.13UM TSMC I/O Cells | For: ATI Technologies Inc. | Date | Engineer: Joe Nolan

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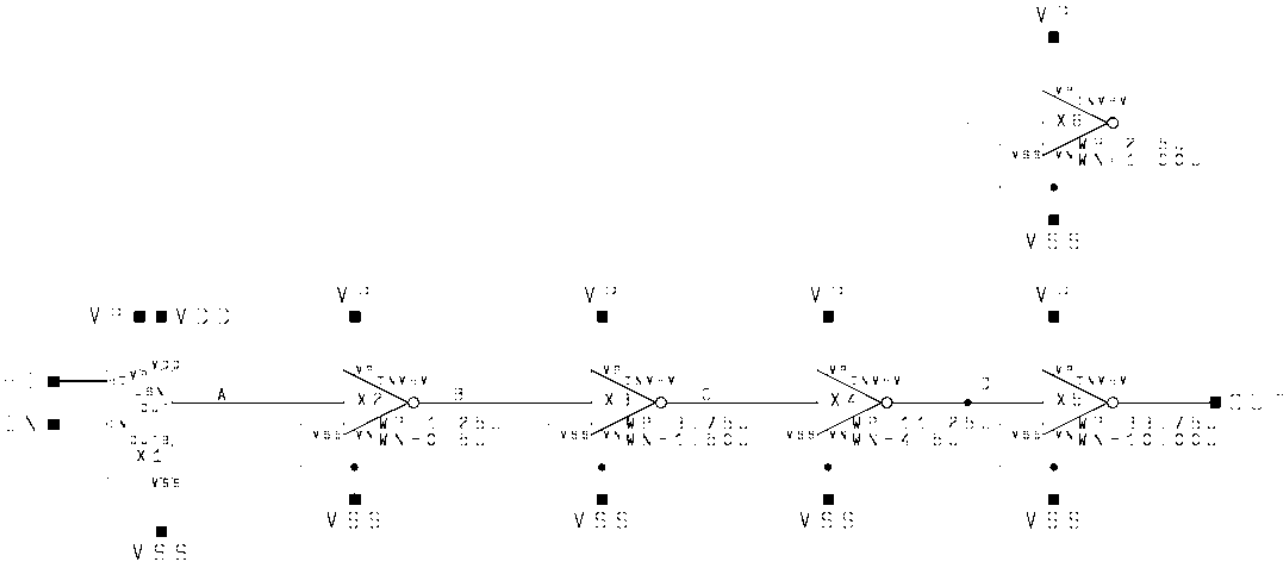
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Schematic: P S | Rev: R V1.0 | Project: 0.13UM TSMC I/O Cells | For: ATI Technologies Inc. | Date: 1-10-2003 21:30 | Engineer: Joe Nolan

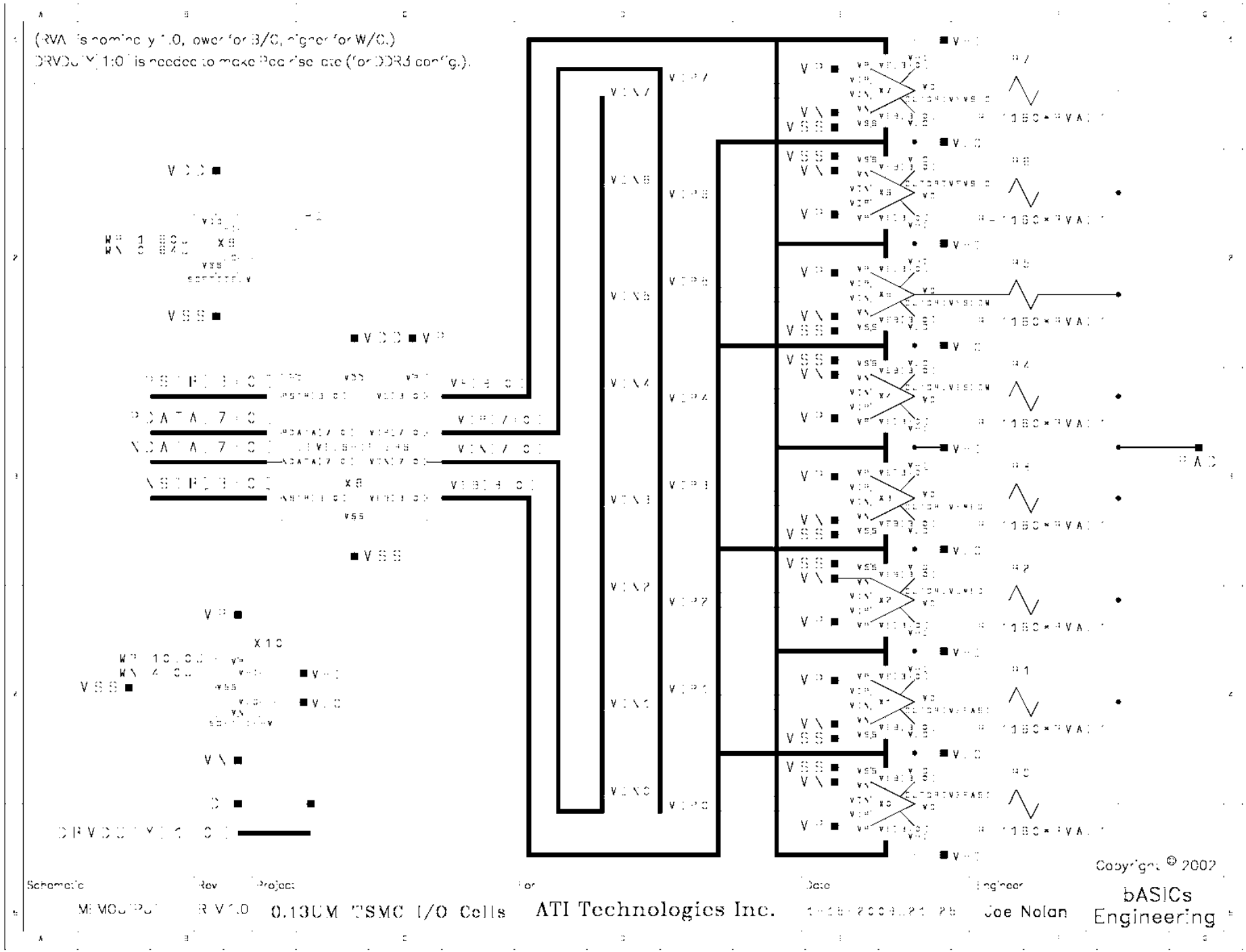
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Schematic | Rev | Project | For | Date | Engineer

N_S | R V1.0 | 0.13UM TSMC I/O Cells | ATI Technologies Inc. | [illegible] | Joe Nolan

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(RVAL is nominally 1.0, lower for B/C, higher for W/C.)
DRVDDQ[1:0] is needed to make Pad rise rate (for DDR3 config.).
Schematic
Rev
Project
for
Date
Engineer
MEMIO_PU
R V1.0
0.13UM TSMC I/O Cells
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```
+-------------------------------------------------------------------------------------------
-----------------------------------+
+ R400 EMU TEST REGRESS HISTORY Tue Jan 28 23:27:41 2003
+-------------------------------------------------------------------------------------------
-----------------------------------+
+ No  Test Name                                          Emu Time Sync  Status
LastPass FailReason          MostRecentPath +
+-------------------------------------------------------------------------------------------
-----------------------------------+
    1 r400sc_rts_01                                     00:00:25 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_rts_01

    2 r400sc_rts_02                                     00:00:23 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_rts_02

    3 r400sc_rts_09                                     00:00:25 mkelly PASS    mkelly
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    4 r400sc_rts_10                                     00:00:25 mkelly PASS    mkelly
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    5 r400sc_rts_fc_09                                  00:00:12 mkelly PASS    mkelly
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    6 r400sc_pinwheel_03                                00:01:39 mkelly PASS    mkelly
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05
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   41 r400sc_fifo_sizing_01                             00:00:21 mkelly PASS    mkelly
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   55 r400sc_hw_coords_01                               00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_hw_coords_01

   56 r400sc_hw_coords_02                               00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_hw_coords_02

   57 r400sc_hw_coords_03                               00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_hw_coords_03

   58 r400sc_hw_coords_04                               00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_hw_coords_04

   59 r400sc_hw_coords_05                               00:00:31 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_hw_coords_05

   60 r400sc_baryc_01                                   00:00:26 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_baryc_01

   61 r400sc_baryc_02                                   00:00:13 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_baryc_02
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   62 r400sc_bres_cntl_01                                00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_bres_cntl_01

   63 r400sc_bres_cntl_02                                00:00:21 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_bres_cntl_02

   64 r400sc_bres_cntl_03                                00:00:22 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_bres_cntl_03

   65 r400sc_bres_cntl_04                                00:00:24 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_bres_cntl_04

   66 r400sc_bres_cntl_w2k_01                            00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_bres_cntl_w2k_01

   67 r400sc_bres_cntl_w9x_01                            00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_bres_cntl_w9x_01

   68 r400sc_clip_rect_01                                00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_clip_rect_01

   69 r400sc_clip_rect_02                                00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_clip_rect_02

   70 r400sc_clip_rect_03                                00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_clip_rect_03

   71 r400sc_clip_rect_04                                00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_clip_rect_04

   72 r400sc_clip_rect_fc_01                             00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_clip_rect_fc_01

   73 r400sc_clipped_triangle_polymode_line_stippled_01  00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_clipped_triangle_polymode_line_s
tippled_01
   74 r400sc_diamond_exit_01                             00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_diamond_exit_01

   75 r400sc_diamond_exit_02                             00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_diamond_exit_02

   76 r400sc_diamond_exit_03                             00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_diamond_exit_03

   77 r400sc_diamond_exit_04                             00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_diamond_exit_04
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   78 r400sc_diamond_exit_05                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_diamond_exit_05

   79 r400sc_jss_1x1_primtypes_01                     00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_jss_1x1_primtypes_01

   80 r400sc_jss_1x2_01                               00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_jss_1x2_01

   81 r400sc_jss_1x2_02                               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_jss_1x2_02

   82 r400sc_jss_1x2_primtypes_01                     00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_jss_1x2_primtypes_01

   83 r400sc_jss_1x3_01                               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_jss_1x3_01

   84 r400sc_jss_1x3_02                               00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_jss_1x3_02

   85 r400sc_jss_1x3_primtypes_01                     00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_jss_1x3_primtypes_01

   86 r400sc_jss_1x4_01                               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_jss_1x4_01

   87 r400sc_jss_1x4_02                               00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_jss_1x4_02

   88 r400sc_jss_1x4_primtypes_01                     00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_jss_1x4_primtypes_01

   89 r400sc_jss_2x1_01                               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_jss_2x1_01

   90 r400sc_jss_2x1_02                               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_jss_2x1_02

   91 r400sc_jss_2x1_primtypes_01                     00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_jss_2x1_primtypes_01

   92 r400sc_jss_2x2_01                               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_jss_2x2_01

   93 r400sc_jss_2x2_02                               00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_jss_2x2_02
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   94 r400sc_jss_2x2_primtypes_01                          00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_jss_2x2_primtypes_01

   95 r400sc_jss_2x3_01                                    00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_jss_2x3_01

   96 r400sc_jss_2x3_02                                    00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_jss_2x3_02

   97 r400sc_jss_2x3_primtypes_01                          00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_jss_2x3_primtypes_01

   98 r400sc_jss_2x4_01                                    00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_jss_2x4_01

   99 r400sc_jss_2x4_02                                    00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_jss_2x4_02

  100 r400sc_jss_2x4_primtypes_01                          00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_jss_2x4_primtypes_01

  101 r400sc_jss_3x1_01                                    00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_jss_3x1_01

  102 r400sc_jss_3x1_02                                    00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_jss_3x1_02

  103 r400sc_jss_3x1_primtypes_01                          00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_jss_3x1_primtypes_01

  104 r400sc_jss_3x2_01                                    00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_jss_3x2_01

  105 r400sc_jss_3x2_02                                    00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_jss_3x2_02

  106 r400sc_jss_3x2_primtypes_01                          00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_jss_3x2_primtypes_01

  107 r400sc_jss_3x3_01                                    00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_jss_3x3_01

  108 r400sc_jss_3x3_02                                    00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_jss_3x3_02

  109 r400sc_jss_3x3_primtypes_01                          00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_jss_3x3_primtypes_01
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  110 r400sc_jss_3x4_01                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_jss_3x4_01

  111 r400sc_jss_3x4_02                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_jss_3x4_02

  112 r400sc_jss_3x4_03                                00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_jss_3x4_03

  113 r400sc_jss_3x4_primtypes_01                      00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_jss_3x4_primtypes_01

  114 r400sc_jss_4x1_01                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_jss_4x1_01

  115 r400sc_jss_4x1_02                                00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_jss_4x1_02

  116 r400sc_jss_4x1_primtypes_01                      00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_jss_4x1_primtypes_01

  117 r400sc_jss_4x2_01                                00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_jss_4x2_01

  118 r400sc_jss_4x2_02                                00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_jss_4x2_02

  119 r400sc_jss_4x2_primtypes_01                      00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_jss_4x2_primtypes_01

  120 r400sc_jss_4x3_01                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_jss_4x3_01

  121 r400sc_jss_4x3_02                                00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_jss_4x3_02

  122 r400sc_jss_4x3_primtypes_01                      00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_jss_4x3_primtypes_01

  123 r400sc_jss_4x4_01                                00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_jss_4x4_01

  124 r400sc_jss_4x4_02                                00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_jss_4x4_02

  125 r400sc_jss_4x4_03                                00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_jss_4x4_03
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  126 r400sc_jss_4x4_aa_mask_01                          00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_jss_4x4_aa_mask_01

  127 r400sc_jss_4x4_aa_mask_02                          00:01:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_jss_4x4_aa_mask_02

  128 r400sc_jss_4x4_fc_01                               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_jss_4x4_fc_01

  129 r400sc_jss_4x4_fc_02                               00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_jss_4x4_fc_02

  130 r400sc_jss_4x4_max_dist_01                         00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_jss_4x4_max_dist_01

  131 r400sc_jss_4x4_primtypes_01                        00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_jss_4x4_primtypes_01

  132 r400sc_line_dx10_eq_0_01                           00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_line_dx10_eq_0_01

  133 r400sc_line_dx10_ge_0_01                           00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_line_dx10_ge_0_01

  134 r400sc_line_dx10_lt_0_01                           00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_line_dx10_lt_0_01

  135 r400sc_line_dy10_eq_0_01                           00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_line_dy10_eq_0_01

  136 r400sc_line_dy10_ge_0_01                           00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_line_dy10_ge_0_01

  137 r400sc_line_dy10_lt_0_01                           00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_line_dy10_lt_0_01

  138 r400sc_line_expand_width_msaa_8_01                 00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_line_expand_width_msaa_8_01

  139 r400sc_line_expand_width_msaa_8_02                 00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_line_expand_width_msaa_8_02

  140 r400sc_line_expand_width_msaa_8_03                 00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_line_expand_width_msaa_8_03

  141 r400sc_line_jss_3x4_01                             00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_line_jss_3x4_01
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  142 r400sc_line_list_01                                 00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_line_list_01

  143 r400sc_line_list_02                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_line_list_02

  144 r400sc_line_list_03                                 00:00:54 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_line_list_03

  145 r400sc_line_list_04                                 00:01:01 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_line_list_04

  146 r400sc_line_list_05                                 00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_line_list_05

  147 r400sc_line_list_06                                 00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_line_list_06

  148 r400sc_line_list_07                                 00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_line_list_07

  149 r400sc_line_list_08                                 00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_line_list_08

  150 r400sc_line_list_09                                 00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_line_list_09

  151 r400sc_line_list_10                                 00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_line_list_10

  152 r400sc_line_list_11                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_line_list_11

  153 r400sc_line_list_12                                 00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_line_list_12

  154 r400sc_line_list_13                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_line_list_13

  155 r400sc_line_list_14                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_line_list_14

  156 r400sc_line_list_15                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_line_list_15

  157 r400sc_line_list_16                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_line_list_16
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  158 r400sc_line_list_17                                 00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_line_list_17

  159 r400sc_line_list_18                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_line_list_18

  160 r400sc_line_list_concentric_circle_01               00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_line_list_concentric_circle_01

  161 r400sc_line_list_concentric_circle_02               00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_line_list_concentric_circle_02

  162 r400sc_line_list_concentric_circle_03               00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_line_list_concentric_circle_03

  163 r400sc_line_list_textured_01                        00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_line_list_textured_01

  164 r400sc_line_list_verify_st_01                       00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_line_list_verify_st_01

  165 r400sc_line_msaa_8_01                               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_line_msaa_8_01

  166 r400sc_line_msaa_8_textured_01                      00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_line_msaa_8_textured_01

  167 r400sc_line_msaa_8_textured_fc_01                   00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_line_msaa_8_textured_fc_01

  168 r400sc_line_stipple_01                              00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_line_stipple_01

  169 r400sc_line_stipple_02                              00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_line_stipple_02

  170 r400sc_line_stipple_03                              00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_line_stipple_03

  171 r400sc_line_stipple_04                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_line_stipple_04

  172 r400sc_line_stipple_05                              00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_line_stipple_05

  173 r400sc_line_stipple_06                              00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_line_stipple_06
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  174 r400sc_line_stipple_07                          00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_line_stipple_07

  175 r400sc_line_stipple_08                          00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_line_stipple_08

  176 r400sc_line_stipple_09                          00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_line_stipple_09

  177 r400sc_line_stipple_10                          00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_line_stipple_10

  178 r400sc_line_stipple_11                          00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_line_stipple_11

  179 r400sc_line_stipple_12                          00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_line_stipple_12

  180 r400sc_line_stipple_13                          00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_line_stipple_13

  181 r400sc_line_stipple_14                          00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_line_stipple_14

  182 r400sc_line_stipple_15                          00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_line_stipple_15

  183 r400sc_line_stipple_16                          00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_line_stipple_16

  184 r400sc_line_stipple_17                          00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_line_stipple_17

  185 r400sc_line_stipple_18                          00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_line_stipple_18

  186 r400sc_line_stipple_19                          00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_line_stipple_19

  187 r400sc_line_stipple_20                          00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_line_stipple_20

  188 r400sc_line_stipple_21                          00:00:22 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_line_stipple_21

  189 r400sc_line_stipple_22                          00:00:22 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_line_stipple_22
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  190 r400sc_line_stipple_23                          00:00:22 mkelly PASS    mkelly
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  191 r400sc_line_stipple_fc_08                       00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_line_stipple_fc_08

  192 r400sc_line_strip_stipple_01                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_line_strip_stipple_01

  193 r400sc_msaa_1_01                                00:00:15 mkelly PASS    mkelly
                     \\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_msaa_1_01

  194 r400sc_msaa_1_primtypes_01                      00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_msaa_1_primtypes_01

  195 r400sc_msaa_1_rectangle_list_01                 00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_msaa_1_rectangle_list_01

  196 r400sc_msaa_1_rectangle_list_02                 00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_msaa_1_rectangle_list_02

  197 r400sc_msaa_1_rectangle_list_03                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_msaa_1_rectangle_list_03

  198 r400sc_msaa_1_rectangle_list_04                 00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_msaa_1_rectangle_list_04

  199 r400sc_msaa_1_rectangle_list_05                 00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_msaa_1_rectangle_list_05

  200 r400sc_msaa_1_rectangle_list_06                 00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_msaa_1_rectangle_list_06

  201 r400sc_msaa_1_rectangle_list_07                 00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_msaa_1_rectangle_list_07

  202 r400sc_msaa_1_rectangle_list_08                 00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_msaa_1_rectangle_list_08

  203 r400sc_msaa_1_zbuffer_rectangle_list_01         00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_msaa_1_zbuffer_rectangle_list_01

  204 r400sc_msaa_1_zbuffer_rectangle_list_02         00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_msaa_1_zbuffer_rectangle_list_02

  205 r400sc_msaa_2_primtypes_01                      00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_msaa_2_primtypes_01
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  206 r400sc_msaa_2_rectangle_list_01                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_msaa_2_rectangle_list_01

  207 r400sc_msaa_2_rectangle_list_02                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_msaa_2_rectangle_list_02

  208 r400sc_msaa_2_rectangle_list_03                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_msaa_2_rectangle_list_03

  209 r400sc_msaa_2_rectangle_list_04                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_msaa_2_rectangle_list_04

  210 r400sc_msaa_2_rectangle_list_05                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_msaa_2_rectangle_list_05

  211 r400sc_msaa_2_rectangle_list_06                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_msaa_2_rectangle_list_06

  212 r400sc_msaa_2_rectangle_list_07                    00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_msaa_2_rectangle_list_07

  213 r400sc_msaa_2_rectangle_list_08                    00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_msaa_2_rectangle_list_08

  214 r400sc_msaa_2_zbuffer_rectangle_list_01            00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_msaa_2_zbuffer_rectangle_list_01

  215 r400sc_msaa_2_zbuffer_rectangle_list_02            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_msaa_2_zbuffer_rectangle_list_02

  216 r400sc_msaa_3_primtypes_01                         00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_msaa_3_primtypes_01

  217 r400sc_msaa_3_rectangle_list_01                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_msaa_3_rectangle_list_01

  218 r400sc_msaa_3_rectangle_list_02                    00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_msaa_3_rectangle_list_02

  219 r400sc_msaa_3_rectangle_list_03                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_msaa_3_rectangle_list_03

  220 r400sc_msaa_3_rectangle_list_04                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_msaa_3_rectangle_list_04

  221 r400sc_msaa_3_rectangle_list_05                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_msaa_3_rectangle_list_05
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  222 r400sc_msaa_3_rectangle_list_06                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_msaa_3_rectangle_list_06

  223 r400sc_msaa_3_rectangle_list_07                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_msaa_3_rectangle_list_07

  224 r400sc_msaa_3_rectangle_list_08                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_msaa_3_rectangle_list_08

  225 r400sc_msaa_3_zbuffer_rectangle_list_01            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_msaa_3_zbuffer_rectangle_list_01

  226 r400sc_msaa_3_zbuffer_rectangle_list_02            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_msaa_3_zbuffer_rectangle_list_02

  227 r400sc_msaa_4_01                                   00:00:15 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_msaa_4_01

  228 r400sc_msaa_4_primtypes_01                         00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_msaa_4_primtypes_01

  229 r400sc_msaa_4_rectangle_list_01                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_msaa_4_rectangle_list_01

  230 r400sc_msaa_4_rectangle_list_02                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_msaa_4_rectangle_list_02

  231 r400sc_msaa_4_rectangle_list_03                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_msaa_4_rectangle_list_03

  232 r400sc_msaa_4_rectangle_list_04                    00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_msaa_4_rectangle_list_04

  233 r400sc_msaa_4_rectangle_list_05                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_msaa_4_rectangle_list_05

  234 r400sc_msaa_4_rectangle_list_06                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_msaa_4_rectangle_list_06

  235 r400sc_msaa_4_rectangle_list_07                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_msaa_4_rectangle_list_07

  236 r400sc_msaa_4_rectangle_list_08                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_msaa_4_rectangle_list_08

  237 r400sc_msaa_4_zbuffer_rectangle_list_01            00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_msaa_4_zbuffer_rectangle_list_01
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  238 r400sc_msaa_4_zbuffer_rectangle_list_02           00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_msaa_4_zbuffer_rectangle_list_02

  239 r400sc_msaa_6_01                                  00:00:15 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_msaa_6_01

  240 r400sc_msaa_6_primtypes_01                        00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_msaa_6_primtypes_01

  241 r400sc_msaa_6_rectangle_list_01                   00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_msaa_6_rectangle_list_01

  242 r400sc_msaa_6_rectangle_list_02                   00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_msaa_6_rectangle_list_02

  243 r400sc_msaa_6_rectangle_list_03                   00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_msaa_6_rectangle_list_03

  244 r400sc_msaa_6_rectangle_list_04                   00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_msaa_6_rectangle_list_04

  245 r400sc_msaa_6_rectangle_list_05                   00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_msaa_6_rectangle_list_05

  246 r400sc_msaa_6_rectangle_list_06                   00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_msaa_6_rectangle_list_06

  247 r400sc_msaa_6_rectangle_list_07                   00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_msaa_6_rectangle_list_07

  248 r400sc_msaa_6_rectangle_list_08                   00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_msaa_6_rectangle_list_08

  249 r400sc_msaa_6_zbuffer_rectangle_list_01           00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_msaa_6_zbuffer_rectangle_list_01

  250 r400sc_msaa_6_zbuffer_rectangle_list_02           00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_msaa_6_zbuffer_rectangle_list_02

  251 r400sc_msaa_8_01                                  00:00:14 mkelly PASS    mkelly
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  252 r400sc_msaa_8_02                                  00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_msaa_8_02

  253 r400sc_msaa_8_03                                  00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_msaa_8_03
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  254 r400sc_msaa_8_04                                00:00:11 mkelly PASS    mkelly
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  255 r400sc_msaa_8_05                                00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_msaa_8_05

  256 r400sc_msaa_8_aa_mask_01                        00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_msaa_8_aa_mask_01

  257 r400sc_msaa_8_aa_mask_02                        00:00:28 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_msaa_8_aa_mask_02

  258 r400sc_msaa_8_aa_mask_fc_02                     00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_msaa_8_aa_mask_fc_02

  259 r400sc_msaa_8_primtypes_01                      00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_msaa_8_primtypes_01

  260 r400sc_msaa_8_rectangle_list_01                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_msaa_8_rectangle_list_01

  261 r400sc_msaa_8_rectangle_list_02                 00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_msaa_8_rectangle_list_02

  262 r400sc_msaa_8_rectangle_list_03                 00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_msaa_8_rectangle_list_03

  263 r400sc_msaa_8_rectangle_list_04                 00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_msaa_8_rectangle_list_04

  264 r400sc_msaa_8_rectangle_list_05                 00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_msaa_8_rectangle_list_05

  265 r400sc_msaa_8_rectangle_list_06                 00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_msaa_8_rectangle_list_06

  266 r400sc_msaa_8_rectangle_list_07                 00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_msaa_8_rectangle_list_07

  267 r400sc_msaa_8_rectangle_list_08                 00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_msaa_8_rectangle_list_08

  268 r400sc_msaa_8_zbuffer_rectangle_list_01         00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_msaa_8_zbuffer_rectangle_list_01

  269 r400sc_msaa_8_zbuffer_rectangle_list_02         00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_msaa_8_zbuffer_rectangle_list_02
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  270 r400sc_null_triangles_01                          00:00:14 mkelly PASS    mkelly
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  271 r400sc_null_triangles_fc_01                       00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_null_triangles_fc_01

  272 r400sc_packed_color_01                            00:00:13 mkelly PASS    mkelly
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  273 r400sc_perf_01                                    00:00:15 mkelly PASS    mkelly
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  274 r400sc_perf_02                                    00:00:13 mkelly PASS    mkelly
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  275 r400sc_perf_03                                    00:00:13 mkelly PASS    mkelly
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  276 r400sc_pinwheel_01                                00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_pinwheel_01

  277 r400sc_pinwheel_02                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_pinwheel_02

  278 r400sc_point_jss_3x4_01                           00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_point_jss_3x4_01

  279 r400sc_point_list_01                              00:00:27 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_point_list_01

  280 r400sc_point_list_02                              00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_point_list_02

  281 r400sc_point_list_03                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_point_list_03

  282 r400sc_point_list_04                              00:00:26 mkelly PASS    mkelly
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  283 r400sc_point_list_05                              00:00:12 mkelly PASS    mkelly
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  284 r400sc_point_list_06                              00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_point_list_06

  285 r400sc_point_list_07                              00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_point_list_07
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  286 r400sc_point_list_08                              00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_point_list_08

  287 r400sc_point_list_09                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_point_list_09

  288 r400sc_point_msaa_8_01                            00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_point_msaa_8_01

  289 r400sc_poly_offset_01                             00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_poly_offset_01

  290 r400sc_poly_offset_02                             00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_poly_offset_02

  291 r400sc_poly_offset_03                             00:00:57 mkelly FAIL
 compare mismatch **
  292 r400sc_poly_offset_04                             00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_poly_offset_04

  293 r400sc_poly_offset_05                             00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_poly_offset_05

  294 r400sc_poly_offset_06                             00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_poly_offset_06

  295 r400sc_poly_offset_07                             00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_poly_offset_07

  296 r400sc_poly_offset_08                             00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_poly_offset_08

  297 r400sc_poly_offset_09                             00:01:00 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_poly_offset_09

  298 r400sc_poly_offset_10                             00:00:58 mkelly FAIL
 gold or cmp file mis
  299 r400sc_poly_offset_fc_01                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_poly_offset_fc_01

  300 r400sc_polygon_stipple_01                         00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_polygon_stipple_01

  301 r400sc_polymode_tri_fill_01                       00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_polymode_tri_fill_01

  302 r400sc_prsp_byc_intrp_ref_pix_01                  00:00:10 mkelly PASS    mkelly
```

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\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_prsp_byc_intrp_ref_pix_01

  303 r400sc_prsp_byc_intrp_ref_pix_02                  00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_prsp_byc_intrp_ref_pix_02

  304 r400sc_prsp_byc_intrp_ref_pix_03                  00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_prsp_byc_intrp_ref_pix_03

  305 r400sc_prsp_byc_intrp_ref_pix_04                  00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_prsp_byc_intrp_ref_pix_04

  306 r400sc_prsp_byc_intrp_ref_pix_05                  00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_prsp_byc_intrp_ref_pix_05

  307 r400sc_prsp_byc_intrp_ref_pix_06                  00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_prsp_byc_intrp_ref_pix_06

  308 r400sc_prsp_byc_intrp_ref_pix_07                  00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_prsp_byc_intrp_ref_pix_07

  309 r400sc_prsp_byc_intrp_ref_pix_08                  00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_prsp_byc_intrp_ref_pix_08

  310 r400sc_raster_fill_rule_01                        00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_raster_fill_rule_01

  311 r400sc_raster_fill_rule_02                        00:00:46 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_raster_fill_rule_02

  312 r400sc_raster_fill_rule_03                        00:00:33 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_raster_fill_rule_03

  313 r400sc_raster_fill_rule_04                        00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_raster_fill_rule_04

  314 r400sc_raster_fill_rule_05                        00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_raster_fill_rule_05

  315 r400sc_raster_fill_rule_06                        00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_raster_fill_rule_06

  316 r400sc_raster_fill_rule_07                        00:00:27 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_raster_fill_rule_07

  317 r400sc_raster_fill_rule_08                        00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_raster_fill_rule_08

  318 r400sc_raster_fill_rule_09                        00:00:27 mkelly PASS    mkelly
```

\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_raster_fill_rule_09

319 r400sc_raster_fill_rule_10 00:00:16 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_raster_fill_rule_10

320 r400sc_raster_fill_rule_11 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_raster_fill_rule_11

321 r400sc_raster_fill_rule_12 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_raster_fill_rule_12

322 r400sc_raster_fill_rule_13 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_raster_fill_rule_13

323 r400sc_raster_fill_rule_14 00:00:25 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_raster_fill_rule_14

324 r400sc_raster_fill_rule_15 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_raster_fill_rule_15

325 r400sc_raster_fill_rule_16 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_raster_fill_rule_16

326 r400sc_raster_fill_rule_17 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_raster_fill_rule_17

327 r400sc_raster_fill_rule_18 00:00:24 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_raster_fill_rule_18

328 r400sc_raster_fill_rule_19 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_raster_fill_rule_19

329 r400sc_raster_fill_rule_20 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_raster_fill_rule_20

330 r400sc_raster_fill_rule_21 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_raster_fill_rule_21

331 r400sc_raster_fill_rule_22 00:00:24 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_raster_fill_rule_22

332 r400sc_raster_fill_rule_23 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_raster_fill_rule_23

333 r400sc_raster_fill_rule_24 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_raster_fill_rule_24

334 r400sc_raster_fill_rule_25 00:00:11 mkelly PASS mkelly

\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_raster_fill_rule_25

  335 r400sc_raster_fill_rule_26                          00:00:22 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_raster_fill_rule_26

  336 r400sc_raster_fill_rule_fc_01                       00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_raster_fill_rule_fc_01

  337 r400sc_rbbm_reg_read                                00:00:05 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_rbbm_reg_read

  338 r400sc_rectangle_list_01                            00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_rectangle_list_01

  339 r400sc_rectangle_list_02                            00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_rectangle_list_02

  340 r400sc_rectangle_list_03                            00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_rectangle_list_03

  341 r400sc_rectangle_list_04                            00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_rectangle_list_04

  342 r400sc_rectangle_list_05                            00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_rectangle_list_05

  343 r400sc_rectangle_list_06                            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_rectangle_list_06

  344 r400sc_rectangle_list_07                            00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_rectangle_list_07

  345 r400sc_rectangle_list_08                            00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_rectangle_list_08

  346 r400sc_scissor_rect_01                              00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_scissor_rect_01

  347 r400sc_scissor_rect_02                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_scissor_rect_02

  348 r400sc_scissor_rect_03                              00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_scissor_rect_03

  349 r400sc_scissor_rect_04                              00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_scissor_rect_04

  350 r400sc_scissor_rect_05                              00:00:14 mkelly PASS    mkelly

\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_scissor_rect_05

  351 r400sc_scissor_rect_fc_01                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_scissor_rect_fc_01

  352 r400sc_set_state_01                                00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_set_state_01

  353 r400sc_sp_sample_cntl_01                           00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_sp_sample_cntl_01

  354 r400sc_sp_sample_cntl_02                           00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_sp_sample_cntl_02

  355 r400sc_sp_sample_cntl_03                           00:00:31 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_sp_sample_cntl_03

  356 r400sc_sp_sample_cntl_04                           00:00:31 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_sp_sample_cntl_04

  357 r400sc_sp_sample_cntl_05                           00:00:27 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_sp_sample_cntl_05

  358 r400sc_sp_sample_cntl_06                           00:00:30 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_sp_sample_cntl_06

  359 r400sc_sp_sample_cntl_07                           00:00:29 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_sp_sample_cntl_07

  360 r400sc_sp_sample_cntl_08                           00:00:27 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_sp_sample_cntl_08

  361 r400sc_sp_sample_cntl_09                           00:00:12 mkelly FAIL
 gold or cmp file mis
  362 r400sc_sp_sample_cntl_10                           00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_sp_sample_cntl_10

  363 r400sc_sp_sample_cntl_fc_03                        00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_sp_sample_cntl_fc_03

  364 r400sc_sp_sample_cntl_fc_05                        00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_sp_sample_cntl_fc_05

  365 r400sc_tri_16_par_64_dwords_01                     00:00:24 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_tri_16_par_64_dwords_01

  366 r400sc_tri_8textures_01                            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_tri_8textures_01

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  367 r400sc_tri_8textures_02                          00:00:25 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_tri_8textures_02

  368 r400sc_tri_walk_start_vertex_01                  00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_tri_walk_start_vertex_01

  369 r400sc_tri_walk_start_vertex_02                  00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_tri_walk_start_vertex_02

  370 r400sc_tri_walk_start_vertex_03                  00:00:21 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_tri_walk_start_vertex_03

  371 r400sc_tri_walk_start_vertex_04                  00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_tri_walk_start_vertex_04

  372 r400sc_tri_walk_start_vertex_05                  00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_tri_walk_start_vertex_05

  373 r400sc_tri_walk_start_vertex_06                  00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_tri_walk_start_vertex_06

  374 r400sc_tri_walk_start_vertex_07                  00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_tri_walk_start_vertex_07

  375 r400sc_tri_walk_start_vertex_08                  00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_tri_walk_start_vertex_08

  376 r400sc_tri_walk_start_vertex_09                  00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_tri_walk_start_vertex_09

  377 r400sc_tri_walk_start_vertex_10                  00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_tri_walk_start_vertex_10

  378 r400sc_tri_walk_start_vertex_11                  00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_tri_walk_start_vertex_11

  379 r400sc_tri_walk_start_vertex_12                  00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_tri_walk_start_vertex_12

  380 r400sc_tri_walk_start_vertex_13                  00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_tri_walk_start_vertex_13

  381 r400sc_tri_walk_start_vertex_14                  00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_tri_walk_start_vertex_14

  382 r400sc_tri_walk_start_vertex_15                  00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_tri_walk_start_vertex_15
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  383 r400sc_tri_walk_start_vertex_16                    00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_tri_walk_start_vertex_16

  384 r400sc_triangle_stipple_01                         00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_triangle_stipple_01

  385 r400sc_window_offset_01                            00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_window_offset_01

  386 r400sc_window_offset_02                            00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_window_offset_02

  387 r400sc_window_offset_03                            00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_window_offset_03

  388 r400sc_window_offset_04                            00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_window_offset_04

  389 r400sc_window_offset_05                            00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_window_offset_05

  390 r400sc_window_offset_fc_01                         00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_window_offset_fc_01

  391 r400sc_window_scis_01                              00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_window_scis_01

  392 r400sc_zbuffer_line_list_01                        00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_zbuffer_line_list_01

  393 r400sc_zbuffer_point_list_01                       00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_zbuffer_point_list_01

  394 r400sc_zbuffer_rectangle_list_01                   00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_zbuffer_rectangle_list_01

  395 r400sc_zbuffer_rectangle_list_02                   00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_zbuffer_rectangle_list_02

  396 r400sc_zbuffer_rectangle_list_fc_02                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_zbuffer_rectangle_list_fc_02

  397 r400sc_zbuffer_triangle_list_01                    00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sc_zbuffer_triangle_list_01

  398 r400cl_clip_vertex_reorder_01                      00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_clip_vertex_reorder_01
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  399 r400cl_gband_variations_01                          00:00:34 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_gband_variations_01

  400 r400cl_gband_variations_infNan_01                   00:00:29 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_gband_variations_infNan_01

  401 r400cl_nan_kill_combo_01                            00:01:24 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_nan_kill_combo_01

  402 r400cl_triangle_plane_01                            00:00:32 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_triangle_plane_01

  403 r400cl_edgeflags_lineFill_gband_01                  00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_edgeflags_lineFill_gband_01

  404 r400cl_edgeflags_lineFill_gband_02                  00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_edgeflags_lineFill_gband_02

  405 r400cl_edgeflags_lineFill_gband_03                  00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_edgeflags_lineFill_gband_03

  406 r400cl_edgeflags_lineFill_gband_04                  00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_edgeflags_lineFill_gband_04

  407 r400cl_edgeflags_lineFill_gband_05                  00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_edgeflags_lineFill_gband_05

  408 r400cl_edgeflags_lineFill_gband_horzClip_06         00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_edgeflags_lineFill_gband_horzCli
p_06
  409 r400cl_edgeflags_lineFill_gband_vertClip_06         00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_edgeflags_lineFill_gband_vertCli
p_06
  410 r400cl_edgeflags_lineFill_gband_07                  00:00:33 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_edgeflags_lineFill_gband_07

  411 r400cl_edgeflags_pointFill_gband_01                 00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_edgeflags_pointFill_gband_01

  412 r400cl_edgeflags_pointFill_gband_02                 00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_edgeflags_pointFill_gband_02

  413 r400cl_edgeflags_pointFill_gband_03                 00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_edgeflags_pointFill_gband_03

  414 r400cl_edgeflags_pointFill_gband_04                 00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_edgeflags_pointFill_gband_04
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  415 r400cl_edgeflags_pointFill_gband_05                00:00:17 mkelly PASS    mkelly
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  416 r400cl_edgeflags_pointFill_gband_horzClip_06       00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_edgeflags_pointFill_gband_horzCl
ip_06
  417 r400cl_edgeflags_pointFill_gband_vertClip_06       00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_edgeflags_pointFill_gband_vertCl
ip_06
  418 r400cl_edgeflags_pointFill_gband_07                00:00:31 mkelly PASS    mkelly
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  419 r400cl_gband_tcl_01                                00:00:27 mkelly PASS    mkelly
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  420 r400cl_clip_space_dx_ogl_02                        00:00:25 mkelly PASS    mkelly
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  421 r400cl_barycentric_clip_perspective_01             00:00:15 mkelly PASS    mkelly
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  422 r400cl_barycentric_clip_perspective_02             00:00:15 mkelly PASS    mkelly
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  423 r400cl_barycentric_clip_perspective_03             00:00:15 mkelly PASS    mkelly
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  424 r400cl_barycentric_clip_perspective_04             00:00:16 mkelly PASS    mkelly
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  425 r400cl_gband_triclip_01                            00:00:12 mkelly PASS    mkelly
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  426 r400cl_gband_point_01                              00:00:12 mkelly PASS    mkelly
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  427 r400cl_edgeflags_pointFill_01                      00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_edgeflags_pointFill_01

  428 r400cl_edgeflags_pointFill_02                      00:00:14 mkelly PASS    mkelly
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  429 r400cl_edgeflags_pointFill_03                      00:00:13 mkelly PASS    mkelly
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  430 r400cl_edgeflags_pointFill_04                      00:00:13 mkelly PASS    mkelly
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  431 r400cl_edgeflags_pointFill_05                      00:00:16 mkelly PASS    mkelly
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  432 r400cl_edgeflags_pointFill_vertClip_06             00:00:13 mkelly PASS    mkelly
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  433 r400cl_edgeflags_pointFill_horzClip_06             00:00:13 mkelly PASS    mkelly
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  434 r400cl_edgeflags_pointFill_07                      00:00:31 mkelly PASS    mkelly
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  435 r400cl_ucp_combo_quadstrip_01                      00:00:50 mkelly PASS    mkelly
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  436 r400cl_ucp_combo_polygon_01                        00:00:47 mkelly PASS    mkelly
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  437 r400cl_ucp_cube_02                                 00:00:12 mkelly PASS    mkelly
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  438 r400cl_ucp_cube_01                                 00:00:11 mkelly PASS    mkelly
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  439 r400cl_frustum_point_01                            00:00:11 mkelly PASS    mkelly
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  440 r400cl_vertex_reuse_clip_02                        00:00:59 mkelly PASS    mkelly
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  441 r400cl_vertex_reuse_clip_03                        00:00:19 mkelly PASS    mkelly
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  442 r400cl_point_ucp_clip_mode3_cull_enable_01         00:00:14 mkelly PASS    mkelly
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_01
  443 r400cl_point_ucp_clip_mode3_cull_disable_01        00:00:13 mkelly PASS    mkelly
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e_01
  444 r400cl_point_ucp_clip_mode2_cull_enable_01         00:00:14 mkelly PASS    mkelly
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_01
  445 r400cl_point_ucp_clip_mode2_cull_disable_01        00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_point_ucp_clip_mode2_cull_disabl
e_01
  446 r400cl_point_ucp_clip_mode1_cull_disable_01        00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_point_ucp_clip_mode1_cull_disabl
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e_01
  447 r400cl_point_ucp_clip_mode0_cull_disable_01        00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_point_ucp_clip_mode0_cull_disabl
e_01
  448 r400cl_point_gband_clip_01                         00:00:12 mkelly PASS    mkelly
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  449 r400cl_point_frustum_clip_01                       00:00:11 mkelly PASS    mkelly
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  450 r400cl_point_size_ucp_combo_01                     00:00:28 mkelly PASS    mkelly
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  451 r400cl_frustum_LR_TB_01                            00:00:13 mkelly PASS    mkelly
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  452 r400cl_edgeflags_05                                00:00:16 mkelly PASS    mkelly
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  453 r400cl_edgeflags_06                                00:00:14 mkelly PASS    mkelly
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  454 r400cl_edgeflags_07                                00:00:30 mkelly PASS    mkelly
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  455 r400cl_cull_only_ena_02                            00:00:15 mkelly PASS    mkelly
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  456 r400cl_cull_only_ena_03                            00:00:15 mkelly PASS    mkelly
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  457 r400cl_barycentric_texture_01                      00:00:15 mkelly PASS    mkelly
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  458 r400cl_clip_10_verts_01                            00:00:11 mkelly PASS    mkelly
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  459 r400cl_clip_disable_01                             00:00:23 mkelly PASS    mkelly
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  460 r400cl_clip_space_dx_ogl_01                        00:00:11 mkelly PASS    mkelly
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  461 r400cl_clip_ucp_6bits_01                           00:00:16 mkelly PASS    mkelly
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  462 r400cl_cull_only_ena_01                            00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_cull_only_ena_01
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  463 r400cl_edgeflags_01                                 00:00:13 mkelly PASS    mkelly
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  464 r400cl_edgeflags_02                                 00:00:13 mkelly PASS    mkelly
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  465 r400cl_edgeflags_03                                 00:00:13 mkelly PASS    mkelly
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  466 r400cl_edgeflags_04                                 00:00:13 mkelly PASS    mkelly
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  467 r400cl_edgeflags_frustum_bottom_01                  00:00:14 mkelly PASS    mkelly
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  468 r400cl_edgeflags_frustum_far_01                     00:00:13 mkelly PASS    mkelly
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  469 r400cl_edgeflags_frustum_left_01                    00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_edgeflags_frustum_left_01

  470 r400cl_edgeflags_frustum_near_01                    00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_edgeflags_frustum_near_01

  471 r400cl_edgeflags_frustum_right_01                   00:00:13 mkelly PASS    mkelly
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  472 r400cl_edgeflags_frustum_top_01                     00:00:13 mkelly PASS    mkelly
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  473 r400cl_edgeflags_gband_01                           00:00:21 mkelly PASS    mkelly
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  474 r400cl_edgeflags_gband_bottom_01                    00:00:21 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_edgeflags_gband_bottom_01

  475 r400cl_edgeflags_gband_left_01                      00:00:21 mkelly PASS    mkelly
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  476 r400cl_edgeflags_gband_right_01                     00:00:21 mkelly PASS    mkelly
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  477 r400cl_edgeflags_gband_top_01                       00:00:21 mkelly PASS    mkelly
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  478 r400cl_edgeflags_texture_sample_01                  00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_edgeflags_texture_sample_01
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  480 r400cl_frustum_02                                00:00:25 mkelly PASS    mkelly
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  481 r400cl_frustum_03                                00:00:25 mkelly PASS    mkelly
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  483 r400cl_frustum_05                                00:00:21 mkelly PASS    mkelly
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  484 r400cl_frustum_06                                00:00:26 mkelly PASS    mkelly
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  485 r400cl_frustum_07                                00:00:26 mkelly PASS    mkelly
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  486 r400cl_frustum_08                                00:00:29 mkelly PASS    mkelly
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  487 r400cl_frustum_09                                00:00:20 mkelly PASS    mkelly
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  488 r400cl_frustum_10                                00:00:26 mkelly PASS    mkelly
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  490 r400cl_frustum_12                                00:00:29 mkelly PASS    mkelly
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  491 r400cl_frustum_13                                00:00:22 mkelly PASS    mkelly
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  492 r400cl_frustum_14                                00:00:26 mkelly PASS    mkelly
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  493 r400cl_frustum_15                                00:00:25 mkelly PASS    mkelly
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  494 r400cl_frustum_16                                00:00:27 mkelly PASS    mkelly
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  497 r400cl_frustum_19                                00:00:25 mkelly PASS    mkelly
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  498 r400cl_frustum_20                                00:00:27 mkelly PASS    mkelly
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  499 r400cl_frustum_21                                00:00:21 mkelly PASS    mkelly
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  500 r400cl_frustum_22                                00:00:26 mkelly PASS    mkelly
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  501 r400cl_frustum_23                                00:00:25 mkelly PASS    mkelly
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  502 r400cl_frustum_24                                00:00:27 mkelly PASS    mkelly
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  503 r400cl_frustum_25                                00:00:19 mkelly PASS    mkelly
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  504 r400cl_frustum_26                                00:00:26 mkelly PASS    mkelly
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  505 r400cl_frustum_27                                00:00:25 mkelly PASS    mkelly
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  506 r400cl_frustum_28                                00:00:30 mkelly PASS    mkelly
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  507 r400cl_frustum_29                                00:00:19 mkelly PASS    mkelly
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  508 r400cl_frustum_30                                00:00:25 mkelly PASS    mkelly
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  509 r400cl_frustum_31                                00:00:25 mkelly PASS    mkelly
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  510 r400cl_frustum_32                                00:00:30 mkelly PASS    mkelly
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  513 r400cl_frustum_35                                 00:00:24 mkelly PASS    mkelly
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  514 r400cl_frustum_36                                 00:00:29 mkelly PASS    mkelly
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  515 r400cl_frustum_37                                 00:00:21 mkelly PASS    mkelly
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  516 r400cl_frustum_38                                 00:00:23 mkelly PASS    mkelly
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  517 r400cl_frustum_39                                 00:00:22 mkelly PASS    mkelly
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  518 r400cl_frustum_40                                 00:00:24 mkelly PASS    mkelly
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  519 r400cl_frustum_41                                 00:00:21 mkelly PASS    mkelly
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  520 r400cl_frustum_42                                 00:00:24 mkelly PASS    mkelly
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  521 r400cl_frustum_43                                 00:00:24 mkelly PASS    mkelly
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  522 r400cl_frustum_44                                 00:00:25 mkelly PASS    mkelly
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  523 r400cl_frustum_45                                 00:00:21 mkelly PASS    mkelly
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  524 r400cl_frustum_46                                 00:00:24 mkelly PASS    mkelly
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  525 r400cl_frustum_47                                 00:00:24 mkelly PASS    mkelly
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  526 r400cl_frustum_48                                 00:00:26 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_frustum_48
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  528 r400cl_frustum_50                                00:00:24 mkelly PASS    mkelly
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  529 r400cl_frustum_51                                00:00:24 mkelly PASS    mkelly
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  530 r400cl_frustum_52                                00:00:24 mkelly PASS    mkelly
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\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_frustum_53

  532 r400cl_frustum_54                                00:00:24 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_frustum_54

  533 r400cl_frustum_55                                00:00:24 mkelly PASS    mkelly
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  534 r400cl_frustum_56                                00:00:25 mkelly PASS    mkelly
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  535 r400cl_frustum_57                                00:00:21 mkelly PASS    mkelly
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  536 r400cl_frustum_58                                00:00:24 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_frustum_58

  537 r400cl_frustum_59                                00:00:23 mkelly PASS    mkelly
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  538 r400cl_frustum_60                                00:00:25 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_frustum_60

  539 r400cl_frustum_61                                00:00:20 mkelly PASS    mkelly
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  540 r400cl_frustum_62                                00:00:25 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_frustum_62

  541 r400cl_frustum_63                                00:00:24 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_frustum_63

  542 r400cl_frustum_64                                00:00:25 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_frustum_64
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  543 r400cl_frustum_65                                 00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_frustum_65

  544 r400cl_frustum_66                                 00:00:25 mkelly PASS    mkelly
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  545 r400cl_frustum_67                                 00:00:24 mkelly PASS    mkelly
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  546 r400cl_frustum_68                                 00:00:25 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_frustum_68

  547 r400cl_frustum_69                                 00:00:21 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_frustum_69

  548 r400cl_frustum_70                                 00:00:24 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_frustum_70

  549 r400cl_frustum_71                                 00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_frustum_71

  550 r400cl_frustum_72                                 00:00:25 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_frustum_72

  551 r400cl_frustum_76                                 00:00:28 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_frustum_76

  552 r400cl_frustum_81                                 00:00:18 mkelly PASS    mkelly
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  553 r400cl_frustum_86                                 00:00:24 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_frustum_86

  554 r400cl_frustum_91                                 00:00:24 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_frustum_91

  555 r400cl_frustum_96                                 00:00:27 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_frustum_96

  556 r400cl_frustum_LFT_combos_01                      00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_frustum_LFT_combos_01

  557 r400cl_frustum_LFT_rotated_01                     00:00:36 mkelly FAIL
 compare mismatch **
  558 r400cl_frustum_all_vols_lines                     00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_frustum_all_vols_lines
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559 r400cl_frustum_all_vols_tris 00:00:14 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_frustum_all_vols_tris

560 r400cl_frustum_lines_01 00:00:16 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_frustum_lines_01

561 r400cl_frustum_lines_02 00:00:18 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_frustum_lines_02

562 r400cl_frustum_lines_03 00:00:18 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_frustum_lines_03

563 r400cl_frustum_lines_04 00:00:20 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_frustum_lines_04

564 r400cl_frustum_lines_05 00:00:16 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_frustum_lines_05

565 r400cl_frustum_lines_06 00:00:18 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_frustum_lines_06

566 r400cl_frustum_lines_07 00:00:18 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_frustum_lines_07

567 r400cl_frustum_lines_08 00:00:20 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_frustum_lines_08

568 r400cl_frustum_lines_09 00:00:15 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_frustum_lines_09

569 r400cl_frustum_lines_10 00:00:17 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_frustum_lines_10

570 r400cl_frustum_lines_101 00:00:15 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_frustum_lines_101

571 r400cl_frustum_lines_102 00:00:17 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_frustum_lines_102

572 r400cl_frustum_lines_103 00:00:17 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_frustum_lines_103

573 r400cl_frustum_lines_104 00:00:20 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_frustum_lines_104

574 r400cl_frustum_lines_105 00:00:16 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_frustum_lines_105

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  575 r400cl_frustum_lines_106                          00:00:17 mkelly PASS    mkelly
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  576 r400cl_frustum_lines_107                          00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_frustum_lines_107

  577 r400cl_frustum_lines_108                          00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_frustum_lines_108

  578 r400cl_frustum_lines_11                           00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_frustum_lines_11

  579 r400cl_frustum_lines_12                           00:00:19 mkelly PASS    mkelly
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  580 r400cl_frustum_lines_13                           00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_frustum_lines_13

  581 r400cl_frustum_lines_14                           00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_frustum_lines_14

  582 r400cl_frustum_lines_15                           00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_frustum_lines_15

  583 r400cl_frustum_lines_16                           00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_frustum_lines_16

  584 r400cl_frustum_lines_17                           00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_frustum_lines_17

  585 r400cl_frustum_lines_18                           00:00:17 mkelly PASS    mkelly
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  586 r400cl_frustum_lines_19                           00:00:17 mkelly PASS    mkelly
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  587 r400cl_frustum_lines_20                           00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_frustum_lines_20

  588 r400cl_frustum_lines_21                           00:00:15 mkelly PASS    mkelly
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  589 r400cl_frustum_lines_22                           00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_frustum_lines_22

  590 r400cl_frustum_lines_23                           00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_frustum_lines_23
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591 r400cl_frustum_lines_24 00:00:19 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_frustum_lines_24

592 r400cl_frustum_lines_25 00:00:16 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_frustum_lines_25

593 r400cl_frustum_lines_26 00:00:17 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_frustum_lines_26

594 r400cl_frustum_lines_27 00:00:17 mkelly PASS mkelly
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595 r400cl_frustum_lines_28 00:00:19 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_frustum_lines_28

596 r400cl_frustum_lines_29 00:00:16 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_frustum_lines_29

597 r400cl_frustum_lines_30 00:00:17 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_frustum_lines_30

598 r400cl_frustum_lines_31 00:00:17 mkelly PASS mkelly
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599 r400cl_frustum_lines_32 00:00:20 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_frustum_lines_32

600 r400cl_frustum_lines_33 00:00:15 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_frustum_lines_33

601 r400cl_frustum_lines_34 00:00:17 mkelly PASS mkelly
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602 r400cl_frustum_lines_35 00:00:16 mkelly PASS mkelly
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603 r400cl_frustum_lines_36 00:00:19 mkelly PASS mkelly
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604 r400cl_frustum_lines_37 00:00:16 mkelly PASS mkelly
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605 r400cl_frustum_lines_38 00:00:18 mkelly PASS mkelly
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606 r400cl_frustum_lines_39 00:00:18 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_frustum_lines_39

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  607 r400cl_frustum_lines_40                          00:00:19 mkelly PASS    mkelly
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  608 r400cl_frustum_lines_41                          00:00:16 mkelly PASS    mkelly
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  609 r400cl_frustum_lines_42                          00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_frustum_lines_42

  610 r400cl_frustum_lines_43                          00:00:17 mkelly PASS    mkelly
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  611 r400cl_frustum_lines_44                          00:00:19 mkelly PASS    mkelly
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  612 r400cl_frustum_lines_45                          00:00:16 mkelly PASS    mkelly
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  613 r400cl_frustum_lines_46                          00:00:17 mkelly PASS    mkelly
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  614 r400cl_frustum_lines_47                          00:00:17 mkelly PASS    mkelly
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  615 r400cl_frustum_lines_48                          00:00:18 mkelly PASS    mkelly
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  616 r400cl_frustum_lines_49                          00:00:16 mkelly PASS    mkelly
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  617 r400cl_frustum_lines_50                          00:00:17 mkelly PASS    mkelly
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  618 r400cl_frustum_lines_51                          00:00:17 mkelly PASS    mkelly
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  619 r400cl_frustum_lines_52                          00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_frustum_lines_52

  620 r400cl_frustum_lines_53                          00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_frustum_lines_53

  621 r400cl_frustum_lines_54                          00:00:17 mkelly PASS    mkelly
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  622 r400cl_frustum_lines_55                          00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_frustum_lines_55
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623 r400cl_frustum_lines_56 00:00:18 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_frustum_lines_56

624 r400cl_frustum_lines_57 00:00:16 mkelly PASS mkelly
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625 r400cl_frustum_lines_58 00:00:17 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_frustum_lines_58

626 r400cl_frustum_lines_59 00:00:17 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_frustum_lines_59

627 r400cl_frustum_lines_60 00:00:18 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_frustum_lines_60

628 r400cl_frustum_lines_61 00:00:16 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_frustum_lines_61

629 r400cl_frustum_lines_62 00:00:17 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_frustum_lines_62

630 r400cl_frustum_lines_63 00:00:17 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_frustum_lines_63

631 r400cl_frustum_lines_64 00:00:19 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_frustum_lines_64

632 r400cl_frustum_lines_65 00:00:16 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_frustum_lines_65

633 r400cl_frustum_lines_66 00:00:17 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_frustum_lines_66

634 r400cl_frustum_lines_67 00:00:17 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_frustum_lines_67

635 r400cl_frustum_lines_68 00:00:19 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_frustum_lines_68

636 r400cl_frustum_lines_69 00:00:15 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_frustum_lines_69

637 r400cl_frustum_lines_70 00:00:17 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_frustum_lines_70

638 r400cl_frustum_lines_71 00:00:17 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_frustum_lines_71

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  639 r400cl_frustum_lines_72                          00:00:19 mkelly PASS    mkelly
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  640 r400cl_gband_01                                  00:00:17 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_gband_01

  641 r400cl_gband_02                                  00:00:18 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_gband_02

  642 r400cl_gband_03                                  00:00:19 mkelly PASS    mkelly
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  643 r400cl_gband_04                                  00:00:18 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_gband_04

  644 r400cl_gband_05                                  00:00:13 mkelly PASS    mkelly
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  645 r400cl_gband_06                                  00:00:11 mkelly PASS    mkelly
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  646 r400cl_gband_07                                  00:00:14 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_gband_07

  647 r400cl_gband_08                                  00:00:14 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_gband_08

  648 r400cl_gband_09                                  00:00:14 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_gband_09

  649 r400cl_gband_10                                  00:00:13 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_gband_10

  650 r400cl_gband_11                                  00:00:12 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_gband_11

  651 r400cl_gband_12                                  00:00:13 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_gband_12

  652 r400cl_gband_13                                  00:00:14 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_gband_13

  653 r400cl_gband_14                                  00:00:13 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_gband_14

  654 r400cl_gband_15                                  00:00:13 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_gband_15
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655 r400cl_gband_16                                  00:00:13 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_gband_16

656 r400cl_gband_17                                  00:00:13 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_gband_17

657 r400cl_gband_18                                  00:00:13 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_gband_18

658 r400cl_gband_19                                  00:00:13 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_gband_19

659 r400cl_gband_20                                  00:00:13 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_gband_20

660 r400cl_gband_21                                  00:00:13 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_gband_21

661 r400cl_gband_22                                  00:00:13 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_gband_22

662 r400cl_gband_23                                  00:00:18 mkelly PASS    mkelly
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663 r400cl_gband_24                                  00:00:17 mkelly PASS    mkelly
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664 r400cl_gband_25                                  00:00:16 mkelly PASS    mkelly
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665 r400cl_gband_26                                  00:00:15 mkelly PASS    mkelly
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666 r400cl_gband_27                                  00:00:15 mkelly PASS    mkelly
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667 r400cl_gband_28                                  00:00:16 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_gband_28

668 r400cl_gband_29                                  00:00:15 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_gband_29

669 r400cl_gband_30                                  00:00:14 mkelly PASS    mkelly
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670 r400cl_gband_31                                  00:00:13 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_gband_31
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  671 r400cl_gband_32                                  00:00:13 mkelly PASS    mkelly
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  672 r400cl_gband_33                                  00:00:14 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_gband_33

  673 r400cl_gband_34                                  00:00:14 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_gband_34

  674 r400cl_gband_35                                  00:00:14 mkelly PASS    mkelly
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  675 r400cl_gband_36                                  00:00:13 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_gband_36

  676 r400cl_nan_kill_01                               00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_nan_kill_01

  677 r400cl_point_ucp_combos_01                       00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_point_ucp_combos_01

  678 r400cl_pointlist_vertex_state_ucp_01             00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_pointlist_vertex_state_ucp_01

  679 r400cl_polymode_line_fill_01                     00:00:10 mkelly PASS    mkelly
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  680 r400cl_simple_triangle_01                        00:00:10 mkelly PASS    mkelly
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  681 r400cl_tri_polymode_line_stipple_ucp_combos_01   00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_tri_polymode_line_stipple_ucp_co
mbos_01
  682 r400cl_tri_polymode_line_ucp_combos_01           00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_tri_polymode_line_ucp_combos_01

  683 r400cl_triangle_polymode_line_stippled_01        00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_triangle_polymode_line_stippled_
01
  684 r400cl_ucp_combos_01                             00:00:56 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_ucp_combos_01

  685 r400cl_ucp_combos_02                             00:00:56 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_ucp_combos_02

  686 r400cl_ucp_combos_03                             00:00:56 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_ucp_combos_03
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  687 r400cl_ucp_combos_04                              00:00:56 mkelly PASS    mkelly
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  688 r400cl_ucp_combos_05                              00:00:57 mkelly PASS    mkelly
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  689 r400cl_ucp_combos_06                              00:00:56 mkelly PASS    mkelly
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  690 r400cl_ucp_combos_07                              00:00:56 mkelly PASS    mkelly
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  691 r400cl_ucp_combos_08                              00:00:56 mkelly PASS    mkelly
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  692 r400cl_ucp_combos_09                              00:00:56 mkelly PASS    mkelly
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  693 r400cl_ucp_combos_10                              00:00:56 mkelly PASS    mkelly
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  694 r400cl_ucp_combos_11                              00:00:56 mkelly PASS    mkelly
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  695 r400cl_ucp_combos_12                              00:00:56 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_ucp_combos_12

  696 r400cl_ucp_combos_13                              00:00:57 mkelly PASS    mkelly
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  697 r400cl_ucp_combos_14                              00:00:56 mkelly PASS    mkelly
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  698 r400cl_ucp_combos_15                              00:00:55 mkelly PASS    mkelly
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  699 r400cl_ucp_combos_16                              00:00:56 mkelly PASS    mkelly
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  700 r400cl_ucp_combos_17                              00:00:55 mkelly PASS    mkelly
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  701 r400cl_ucp_combos_18                              00:00:55 mkelly PASS    mkelly
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  702 r400cl_ucp_combos_19                              00:00:56 mkelly PASS    mkelly
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  703 r400cl_ucp_combos_20                              00:00:55 mkelly PASS    mkelly
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  704 r400cl_ucp_combos_21                              00:00:56 mkelly PASS    mkelly
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  705 r400cl_ucp_combos_22                              00:00:56 mkelly PASS    mkelly
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  706 r400cl_ucp_combos_23                              00:00:56 mkelly PASS    mkelly
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  707 r400cl_ucp_combos_24                              00:00:56 mkelly PASS    mkelly
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  708 r400cl_ucp_combos_25                              00:00:57 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_ucp_combos_25

  709 r400cl_ucp_combos_26                              00:00:56 mkelly PASS    mkelly
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  710 r400cl_ucp_combos_27                              00:00:55 mkelly PASS    mkelly
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  711 r400cl_ucp_combos_28                              00:00:55 mkelly PASS    mkelly
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  712 r400cl_ucp_combos_29                              00:00:56 mkelly PASS    mkelly
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  713 r400cl_ucp_combos_30                              00:00:56 mkelly PASS    mkelly
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  714 r400cl_ucp_combos_31                              00:00:56 mkelly PASS    mkelly
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  715 r400cl_ucp_combos_32                              00:00:56 mkelly PASS    mkelly
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  716 r400cl_ucp_combos_33                              00:00:56 mkelly PASS    mkelly
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  717 r400cl_ucp_combos_34                              00:00:57 mkelly PASS    mkelly
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  718 r400cl_ucp_combos_35                              00:00:57 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_ucp_combos_35
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  719 r400cl_ucp_combos_36                              00:00:56 mkelly PASS    mkelly
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  720 r400cl_ucp_combos_37                              00:00:56 mkelly PASS    mkelly
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  721 r400cl_ucp_combos_38                              00:00:56 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_ucp_combos_38

  722 r400cl_ucp_combos_39                              00:00:56 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_ucp_combos_39

  723 r400cl_ucp_combos_40                              00:00:56 mkelly PASS    mkelly
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  724 r400cl_ucp_combos_41                              00:00:57 mkelly PASS    mkelly
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  725 r400cl_ucp_combos_42                              00:00:55 mkelly PASS    mkelly
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  726 r400cl_ucp_combos_43                              00:00:56 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_ucp_combos_43

  727 r400cl_ucp_combos_44                              00:00:57 mkelly PASS    mkelly
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  728 r400cl_ucp_combos_45                              00:00:56 mkelly PASS    mkelly
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  729 r400cl_ucp_combos_46                              00:00:56 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_ucp_combos_46

  730 r400cl_ucp_combos_47                              00:00:56 mkelly PASS    mkelly
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  731 r400cl_ucp_combos_48                              00:00:56 mkelly PASS    mkelly
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  732 r400cl_ucp_combos_49                              00:00:57 mkelly PASS    mkelly
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  733 r400cl_ucp_combos_50                              00:00:56 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_ucp_combos_50

  734 r400cl_ucp_combos_51                              00:00:57 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_ucp_combos_51
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  735 r400cl_ucp_combos_52                              00:00:56 mkelly PASS    mkelly
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  736 r400cl_ucp_combos_53                              00:00:55 mkelly PASS    mkelly
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  737 r400cl_ucp_combos_54                              00:00:56 mkelly PASS    mkelly
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  738 r400cl_ucp_combos_55                              00:00:56 mkelly PASS    mkelly
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  741 r400cl_ucp_combos_58                              00:00:56 mkelly PASS    mkelly
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  742 r400cl_ucp_combos_59                              00:00:56 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_ucp_combos_59

  743 r400cl_ucp_combos_60                              00:00:57 mkelly PASS    mkelly
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  744 r400cl_ucp_combos_61                              00:00:56 mkelly PASS    mkelly
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  745 r400cl_ucp_combos_62                              00:00:56 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_ucp_combos_62

  746 r400cl_ucp_combos_63                              00:00:56 mkelly PASS    mkelly
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  747 r400cl_ucp_combos_64                              00:00:56 mkelly PASS    mkelly
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  748 r400cl_ucp_pointlist_01                           00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_ucp_pointlist_01

  749 r400cl_vertex_reuse_clip_01                       00:00:51 mkelly PASS    mkelly
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  750 r400cl_vtx_kill_01                                00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_vtx_kill_01
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  751 r400cl_vtx_kill_02                                  00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_vtx_kill_02

  752 r400cl_w_eq_0                                       00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_w_eq_0

  753 r400cl_clip_edgeflags_frustum_corners_01            00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_clip_edgeflags_frustum_corners_0
1
  754 r400cl_clip_edgeflags_frustum_corners_02            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cl_clip_edgeflags_frustum_corners_0
2
  755 r400vgt_auto_index_line_list_01                     00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_auto_index_line_list_01

  756 r400vgt_auto_index_line_loop_01                     00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_auto_index_line_loop_01

  757 r400vgt_auto_index_line_strip_01                    00:00:12 mkelly PASS    mkelly
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  758 r400vgt_auto_index_points_01                        00:00:12 mkelly PASS    mkelly
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  759 r400vgt_auto_index_polygon_01                       00:00:12 mkelly PASS    mkelly
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  760 r400vgt_auto_index_primtypes_01                     00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_auto_index_primtypes_01

  761 r400vgt_auto_index_quad_list_01                     00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_auto_index_quad_list_01

  762 r400vgt_auto_index_quad_strip_01                    00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_auto_index_quad_strip_01

  763 r400vgt_auto_index_rectangle_list_01                00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_auto_index_rectangle_list_01

  764 r400vgt_auto_index_tri_fan_01                       00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_auto_index_tri_fan_01

  765 r400vgt_auto_index_tri_list_01                      00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_auto_index_tri_list_01

  766 r400vgt_auto_index_tri_strip_01                     00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_auto_index_tri_strip_01
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  767 r400vgt_auto_index_tri_wflags_01                    00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_auto_index_tri_wflags_01

  768 r400vgt_debug_registers_01                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_debug_registers_01

  769 r400vgt_dma_engine_01                               00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_dma_engine_01

  770 r400vgt_dma_engine_02                               00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_dma_engine_02

  771 r400vgt_dma_engine_03                               00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_dma_engine_03

  772 r400vgt_dma_engine_04                               00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_dma_engine_04

  773 r400vgt_dma_engine_05                               00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_dma_engine_05

  774 r400vgt_dma_engine_06                               00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_dma_engine_06

  775 r400vgt_dma_engine_07                               00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_dma_engine_07

  776 r400vgt_dma_engine_08                               00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_dma_engine_08

  777 r400vgt_dma_engine_09                               00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_dma_engine_09

  778 r400vgt_dma_engine_10                               00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_dma_engine_10

  779 r400vgt_dma_index_line_list_01                      00:00:11 mkelly PASS    mkelly
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  780 r400vgt_dma_index_line_loop_01                      00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_dma_index_line_loop_01

  781 r400vgt_dma_index_line_strip_01                     00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_dma_index_line_strip_01

  782 r400vgt_dma_index_points_01                         00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_dma_index_points_01
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  783 r400vgt_dma_index_polygon_01                      00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_dma_index_polygon_01

  784 r400vgt_dma_index_primtypes_01                    00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_dma_index_primtypes_01

  785 r400vgt_dma_index_primtypes_02                    00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_dma_index_primtypes_02

  786 r400vgt_dma_index_quad_list_01                    00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_dma_index_quad_list_01

  787 r400vgt_dma_index_quad_strip_01                   00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_dma_index_quad_strip_01

  788 r400vgt_dma_index_rectangle_list_01               00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_dma_index_rectangle_list_01

  789 r400vgt_dma_index_tri_fan_01                      00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_dma_index_tri_fan_01

  790 r400vgt_dma_index_tri_list_01                     00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_dma_index_tri_list_01

  791 r400vgt_dma_index_tri_strip_01                    00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_dma_index_tri_strip_01

  792 r400vgt_dma_index_tri_wflags_01                   00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_dma_index_tri_wflags_01

  793 r400vgt_dma_swap_indx16_01                        00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_dma_swap_indx16_01

  794 r400vgt_dma_swap_indx16_agp_01                    00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_dma_swap_indx16_agp_01

  795 r400vgt_dma_swap_indx16_pci_01                    00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_dma_swap_indx16_pci_01

  796 r400vgt_dma_swap_indx32_01                        00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_dma_swap_indx32_01

  797 r400vgt_dma_swap_indx32_agp_01                    00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_dma_swap_indx32_agp_01

  798 r400vgt_dma_swap_indx32_pci_01                    00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_dma_swap_indx32_pci_01
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  799 r400vgt_draw_init_fifo_depth_01                    00:01:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_draw_init_fifo_depth_01

  800 r400vgt_edgeflags_polygon_01                       00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_edgeflags_polygon_01

  801 r400vgt_edgeflags_quad_list_01                     00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_edgeflags_quad_list_01

  802 r400vgt_edgeflags_quad_strip_01                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_edgeflags_quad_strip_01

  803 r400vgt_edgeflags_triangle_fan_01                  00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_edgeflags_triangle_fan_01

  804 r400vgt_edgeflags_triangle_list_01                 00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_edgeflags_triangle_list_01

  805 r400vgt_edgeflags_triangle_strip_01                00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_edgeflags_triangle_strip_01

  806 r400vgt_edgeflags_triangle_wflags_01               00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_edgeflags_triangle_wflags_01

  807 r400vgt_event_handling_01                          00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_event_handling_01

  808 r400vgt_event_handling_02                          00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_event_handling_02

  809 r400vgt_event_handling_03                          00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_event_handling_03

  810 r400vgt_event_handling_04                          00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_event_handling_04

  811 r400vgt_ext2int_index_line_list_01                 00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_ext2int_index_line_list_01

  812 r400vgt_ext2int_index_line_loop_01                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_ext2int_index_line_loop_01

  813 r400vgt_ext2int_index_line_strip_01                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_ext2int_index_line_strip_01

  814 r400vgt_ext2int_index_points_01                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_ext2int_index_points_01
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  815 r400vgt_ext2int_index_polygon_01                   00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_ext2int_index_polygon_01

  816 r400vgt_ext2int_index_quad_list_01                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_ext2int_index_quad_list_01

  817 r400vgt_ext2int_index_quad_strip_01                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_ext2int_index_quad_strip_01

  818 r400vgt_ext2int_index_rectangle_list_01            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_ext2int_index_rectangle_list_01

  819 r400vgt_ext2int_index_triangle_fan_01              00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_ext2int_index_triangle_fan_01

  820 r400vgt_ext2int_index_triangle_list_01             00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_ext2int_index_triangle_list_01

  821 r400vgt_ext2int_index_triangle_strip_01            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_ext2int_index_triangle_strip_01

  822 r400vgt_ext2int_index_triangle_wflags_01           00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_ext2int_index_triangle_wflags_0
1
  823 r400vgt_hos_auto_index_line_list_01                00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_hos_auto_index_line_list_01

  824 r400vgt_hos_auto_index_quad_list_01                00:01:37 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_hos_auto_index_quad_list_01

  825 r400vgt_hos_auto_index_triangle_list_01            00:01:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_hos_auto_index_triangle_list_01

  826 r400vgt_hos_cubic_pos_pnt_discrete_01              00:00:27 mkelly FAIL
 compare mismatch **
  827 r400vgt_hos_LINE_adaptive_complex                  00:00:11 mkelly FAIL
 compare mismatch **
  828 r400vgt_hos_LPatch_01                              00:00:17 mkelly FAIL
 compare mismatch **
  829 r400vgt_hos_multi_prim_reset_index_01              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_hos_multi_prim_reset_index_01

  830 r400vgt_hos_PNl_adaptive_complex                   00:00:11 mkelly FAIL
 compare mismatch **
  831 r400vgt_hos_PNL_cp_ln_cont_no_projection_01        00:00:16 mkelly FAIL
 compare mismatch **
  832 r400vgt_hos_PNL_lp_ln_cont_no_projection_01        00:00:15 mkelly FAIL
 gold or cmp file mis
```

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  833 r400vgt_hos_PNQ_adaptive_complex                    00:00:28 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_hos_PNQ_adaptive_complex

  834 r400vgt_hos_PNQ_cp_qn_cont_light_texture_01         00:02:24 mkelly FAIL
 compare mismatch **
  835 r400vgt_hos_PNQ_cp_qn_cont_light_texture_02         00:02:31 mkelly FAIL
 compare mismatch **
  836 r400vgt_hos_PNQ_cp_qn_cont_no_projection_01         00:00:51 mkelly FAIL
 compare mismatch **
  837 r400vgt_hos_PNQ_lp_cont_no_projection_01            00:00:40 mkelly FAIL
 compare mismatch **
  838 r400vgt_hos_PNT_adaptive                           00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_hos_PNT_adaptive

  839 r400vgt_hos_PNT_adaptive_complex                   00:02:03 mkelly FAIL
 compare mismatch **
  840 r400vgt_hos_PNT_cont_cp_qn_complex_01              00:02:27 mkelly FAIL
 gold or cmp file mis
  841 r400vgt_hos_PNT_cont_cp_qn_precision_01            00:00:31 mkelly FAIL
 compare mismatch **
  842 r400vgt_hos_PNT_cont_cp_qn_precision_02            00:00:43 mkelly FAIL
 compare mismatch **
  843 r400vgt_hos_PNT_cp_qn_cont_light_texture_01        00:00:50 mkelly FAIL
 gold or cmp file mis
  844 r400vgt_hos_PNT_cp_qn_cont_light_texture_02        00:00:52 mkelly FAIL
 gold or cmp file mis
  845 r400vgt_hos_PNT_cp_qn_cont_light_texture_03        00:00:53 mkelly FAIL
 gold or cmp file mis
  846 r400vgt_hos_PNT_cp_qn_cont_moving_normals_01       00:01:40 mkelly FAIL
 gold or cmp file mis
  847 r400vgt_hos_PNT_cp_qn_cont_no_projection_01        00:00:28 mkelly FAIL
 compare mismatch **
  848 r400vgt_hos_PNT_cp_qn_disc_14_04_lit_tex_proj_01   00:00:16 mkelly FAIL
 gold or cmp file mis
  849 r400vgt_hos_PNT_disc_cp_qn_complex_01              00:02:00 mkelly FAIL
 gold or cmp file mis
  850 r400vgt_hos_PNT_disc_cp_qn_light_texture_01        00:00:25 mkelly FAIL
 gold or cmp file mis
  851 r400vgt_hos_PNT_disc_cp_qn_no_projection_01        00:00:17 mkelly FAIL
 compare mismatch **
  852 r400vgt_hos_PNT_disc_cp_qn_precision_01            00:00:18 mkelly FAIL
 compare mismatch **
  853 r400vgt_hos_PNT_disc_cp_qn_precision_02            00:00:33 mkelly FAIL
 compare mismatch **
  854 r400vgt_hos_PNT_edge_detection_01                  00:01:43 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_hos_PNT_edge_detection_01

  855 r400vgt_hos_PNT_lp_cont_no_projection_01           00:00:32 mkelly FAIL
```

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 compare mismatch **
  856 r400vgt_hos_PNTQL_cp_qn_cont_stress_01             00:00:56 mkelly FAIL
 gold or cmp file mis
  857 r400vgt_hos_RECT_adaptive_complex                  00:01:15 mkelly FAIL
 compare mismatch **
  858 r400vgt_hos_RPatch_cp_02                           00:02:07 mkelly FAIL
 gold or cmp file mis
  859 r400vgt_hos_RPatch_lp_02                           00:01:51 mkelly FAIL
 gold or cmp file mis
  860 r400vgt_hos_RTL_stress_01                          00:01:19 mkelly FAIL
 gold or cmp file mis
  861 r400vgt_hos_simple_linear_PNT_discrete_01          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_hos_simple_linear_PNT_discrete_
01
  862 r400vgt_hos_TPatch_01                              00:00:45 mkelly FAIL
 compare mismatch **
  863 r400vgt_hos_TPatch_02                              00:01:04 mkelly FAIL
 gold or cmp file mis
  864 r400vgt_hos_TRI_adaptive_complex                   00:00:34 mkelly FAIL
 compare mismatch **
  865 r400vgt_immed_index_line_list_01                   00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_immed_index_line_list_01

  866 r400vgt_immed_index_line_loop_01                   00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_immed_index_line_loop_01

  867 r400vgt_immed_index_line_strip_01                  00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_immed_index_line_strip_01

  868 r400vgt_immed_index_points_01                      00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_immed_index_points_01

  869 r400vgt_immed_index_polygon_01                     00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_immed_index_polygon_01

  870 r400vgt_immed_index_primtypes_01                   00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_immed_index_primtypes_01

  871 r400vgt_immed_index_quad_list_01                   00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_immed_index_quad_list_01

  872 r400vgt_immed_index_quad_strip_01                  00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_immed_index_quad_strip_01

  873 r400vgt_immed_index_rectangle_list_01              00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_immed_index_rectangle_list_01

  874 r400vgt_immed_index_tri_fan_01                     00:00:12 mkelly PASS    mkelly
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\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_immed_index_tri_fan_01

875 r400vgt_immed_index_tri_list_01 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_immed_index_tri_list_01

876 r400vgt_immed_index_tri_strip_01 00:00:13 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_immed_index_tri_strip_01

877 r400vgt_immed_index_tri_wflags_01 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_immed_index_tri_wflags_01

878 r400vgt_index_dealloc_line_list_01 00:00:16 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_index_dealloc_line_list_01

879 r400vgt_index_dealloc_points_01 00:00:18 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_index_dealloc_points_01

880 r400vgt_index_dealloc_triangle_list_01 00:00:26 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_index_dealloc_triangle_list_01

881 r400vgt_index_min_max_01 00:00:14 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_index_min_max_01

882 r400vgt_index_min_max_02 00:00:14 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_index_min_max_02

883 r400vgt_index_min_max_03 00:00:15 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_index_min_max_03

884 r400vgt_index_min_max_04 00:00:15 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_index_min_max_04

885 r400vgt_index_offset_01 00:00:14 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_index_offset_01

886 r400vgt_index_offset_02 00:00:14 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_index_offset_02

887 r400vgt_index_offset_03 00:00:15 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_index_offset_03

888 r400vgt_index_offset_04 00:00:14 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_index_offset_04

889 r400vgt_index_offset_05 00:00:15 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_index_offset_05

890 r400vgt_index_offset_06 00:00:14 mkelly PASS mkelly

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\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_index_offset_06

  891 r400vgt_index_offset_07                          00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_index_offset_07

  892 r400vgt_index_offset_08                          00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_index_offset_08

  893 r400vgt_index_size_01                            00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_index_size_01

  894 r400vgt_index_size_02                            00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_index_size_02

  895 r400vgt_index_source_switch_01                   00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_index_source_switch_01

  896 r400vgt_line_list_01                             00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_line_list_01

  897 r400vgt_line_list_02                             00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_line_list_02

  898 r400vgt_line_loop_01                             00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_line_loop_01

  899 r400vgt_line_loop_02                             00:00:22 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_line_loop_02

  900 r400vgt_line_strip_01                            00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_line_strip_01

  901 r400vgt_line_strip_02                            00:00:22 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_line_strip_02

  902 r400vgt_local_tonemapping                        00:01:59 mkelly FAIL
 gold or cmp file mis
  903 r400vgt_multi_context_01                         00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_multi_context_01

  904 r400vgt_multi_context_02                         00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_multi_context_02

  905 r400vgt_multi_context_03                         00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_multi_context_03

  906 r400vgt_multi_context_04                         00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_multi_context_04
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  907 r400vgt_multi_context_05                          00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_multi_context_05

  908 r400vgt_multi_context_06                          00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_multi_context_06

  909 r400vgt_multi_context_07                          00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_multi_context_07

  910 r400vgt_multi_context_08                          00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_multi_context_08

  911 r400vgt_multi_context_09                          00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_multi_context_09

  912 r400vgt_multi_context_10                          00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_multi_context_10

  913 r400vgt_multi_context_11                          00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_multi_context_11

  914 r400vgt_multi_context_12                          00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_multi_context_12

  915 r400vgt_multi_pass_pix_shader_01                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_multi_pass_pix_shader_01

  916 r400vgt_multi_pass_pix_shader_02                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_multi_pass_pix_shader_02

  917 r400vgt_multi_pass_pix_shader_03                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_multi_pass_pix_shader_03

  918 r400vgt_multi_pass_pix_shader_04                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_multi_pass_pix_shader_04

  919 r400vgt_multi_pass_pix_shader_05                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_multi_pass_pix_shader_05

  920 r400vgt_multi_pass_pix_shader_06                  00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_multi_pass_pix_shader_06

  921 r400vgt_multi_pass_pix_shader_07                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_multi_pass_pix_shader_07

  922 r400vgt_multi_pass_pix_shader_08                  00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_multi_pass_pix_shader_08
```

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  923 r400vgt_multi_prim_reset_index_all_01             00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_multi_prim_reset_index_all_01

  924 r400vgt_multi_prim_reset_index_all_02             00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_multi_prim_reset_index_all_02

  925 r400vgt_multi_prim_reset_index_all_03             00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_multi_prim_reset_index_all_03

  926 r400vgt_multi_prim_reset_index_all_04             00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_multi_prim_reset_index_all_04

  927 r400vgt_multi_prim_reset_index_all_05             00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_multi_prim_reset_index_all_05

  928 r400vgt_multi_prim_reset_index_all_06             00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_multi_prim_reset_index_all_06

  929 r400vgt_multi_prim_reset_index_all_07             00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_multi_prim_reset_index_all_07

  930 r400vgt_pass_thru_all_prims_01                    00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_pass_thru_all_prims_01

  931 r400vgt_pass_thru_all_prims_02                    00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_pass_thru_all_prims_02

  932 r400vgt_perf_counters_events_01                   00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_perf_counters_events_01

  933 r400vgt_point_list_01                             00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_point_list_01

  934 r400vgt_point_list_02                             00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_point_list_02

  935 r400vgt_polygon_01                                00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_polygon_01

  936 r400vgt_polygon_02                                00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_polygon_02

  937 r400vgt_provoking_vtx_all_01                      00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_provoking_vtx_all_01

  938 r400vgt_provoking_vtx_edgeflags_all_01            00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_provoking_vtx_edgeflags_all_01
```

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  939 r400vgt_provoking_vtx_polygon_01                    00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_provoking_vtx_polygon_01

  940 r400vgt_provoking_vtx_quad_list_01                  00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_provoking_vtx_quad_list_01

  941 r400vgt_provoking_vtx_quad_strip_01                 00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_provoking_vtx_quad_strip_01

  942 r400vgt_provoking_vtx_tri_fan_01                    00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_provoking_vtx_tri_fan_01

  943 r400vgt_provoking_vtx_tri_strip_01                  00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_provoking_vtx_tri_strip_01

  944 r400vgt_quad_list_01                                00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_quad_list_01

  945 r400vgt_quad_list_02                                00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_quad_list_02

  946 r400vgt_quad_strip_01                               00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_quad_strip_01

  947 r400vgt_quad_strip_02                               00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_quad_strip_02

  948 r400vgt_rbbm_reg_read                               00:00:05 mkelly FAIL
 gold or cmp file mis
  949 r400vgt_real_time_events_01                         00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_real_time_events_01

  950 r400vgt_real_time_events_02                         00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_real_time_events_02

  951 r400vgt_real_time_events_03                         00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_real_time_events_03

  952 r400vgt_real_time_events_04                         00:01:05 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_real_time_events_04

  953 r400vgt_real_time_events_05                         00:01:05 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_real_time_events_05

  954 r400vgt_real_time_events_06                         00:01:04 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_real_time_events_06
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  955 r400vgt_real_time_events_07                         00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_real_time_events_07

  956 r400vgt_rectangle_list_01                           00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_rectangle_list_01

  957 r400vgt_rectangle_list_02                           00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_rectangle_list_02

  958 r400vgt_reuse_depth_line_list_01                    00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_reuse_depth_line_list_01

  959 r400vgt_reuse_depth_line_strip_01                   00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_reuse_depth_line_strip_01

  960 r400vgt_reuse_depth_point_list_01                   00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_reuse_depth_point_list_01

  961 r400vgt_reuse_depth_triangle_fan_01                 00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_reuse_depth_triangle_fan_01

  962 r400vgt_reuse_depth_triangle_list_01                00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_reuse_depth_triangle_list_01

  963 r400vgt_reuse_depth_triangle_strip_01               00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_reuse_depth_triangle_strip_01

  964 r400vgt_reuse_index_line_list_01                    00:00:29 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_reuse_index_line_list_01

  965 r400vgt_reuse_index_point_list_01                   00:00:21 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_reuse_index_point_list_01

  966 r400vgt_reuse_index_triangle_list_01                00:00:24 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_reuse_index_triangle_list_01

  967 r400vgt_reuse_index_triangle_list_02                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_reuse_index_triangle_list_02

  968 r400vgt_reuse_index_triangle_list_03                00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_reuse_index_triangle_list_03

  969 r400vgt_simple_register_indirect                    00:00:27 mkelly FAIL
 gold or cmp file mis
  970 r400vgt_suppress_eop_01                             00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_suppress_eop_01

  971 r400vgt_suppress_eop_02                             00:00:13 mkelly PASS    mkelly
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\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_suppress_eop_02

  972 r400vgt_suppress_eop_03                          00:00:21 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_suppress_eop_03

  973 r400vgt_suppress_eop_04                          00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_suppress_eop_04

  974 r400vgt_suppress_eop_05                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_suppress_eop_05

  975 r400vgt_triangle_fan_01                          00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_triangle_fan_01

  976 r400vgt_triangle_fan_02                          00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_triangle_fan_02

  977 r400vgt_triangle_list_01                         00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_triangle_list_01

  978 r400vgt_triangle_list_02                         00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_triangle_list_02

  979 r400vgt_triangle_strip_01                        00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_triangle_strip_01

  980 r400vgt_triangle_strip_02                        00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_triangle_strip_02

  981 r400vgt_triangle_wflags_01                       00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_triangle_wflags_01

  982 r400vgt_triangle_wflags_02                       00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_triangle_wflags_02

  983 r400vgt_viz_query_01                             00:00:21 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_viz_query_01

  984 r400vgt_vtx_export_very_very_simple_01           00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_vtx_export_very_very_simple_01

  985 r400vgt_vtx_export_very_very_simple_02           00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_vtx_export_very_very_simple_02

  986 r400vgt_vtx_export_very_very_simple_03           00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_vtx_export_very_very_simple_03

  987 r400vgt_vtx_export_very_very_simple_04           00:00:11 mkelly PASS    mkelly

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\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_vtx_export_very_very_simple_04

  988 r400vgt_vtx_vector_packing_01                     00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vgt_vtx_vector_packing_01

  989 r400su_4tri_text_offscreen_01                     00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_4tri_text_offscreen_01

  990 r400su_4trilist_edges_offscreen_01                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_4trilist_edges_offscreen_01

  991 r400su_back_face_fan_01                           00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_back_face_fan_01

  992 r400su_baryc_test_01                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_baryc_test_01

  993 r400su_baryc_test_02                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_baryc_test_02

  994 r400su_baryc_test_03                              00:00:50 mkelly FAIL
 compare mismatch **
  995 r400su_baryc_test_04                              00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_baryc_test_04

  996 r400su_baryc_test_05                              00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_baryc_test_05

  997 r400su_baryc_test_06                              00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_baryc_test_06

  998 r400su_baryc_test_07                              00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_baryc_test_07

  999 r400su_baryc_test_08                              00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_baryc_test_08

 1000 r400su_clip_baryc_test_01                         00:00:10 mkelly FAIL
 compare mismatch **
 1001 r400su_clip_baryc_test_02                         00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_clip_baryc_test_02

 1002 r400su_clip_baryc_test_03                         00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_clip_baryc_test_03

 1003 r400su_clip_baryc_test_04                         00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_clip_baryc_test_04
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 1004 r400su_clip_baryc_test_05                          00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_clip_baryc_test_05

 1005 r400su_clip_baryc_test_06                          00:00:13 mkelly FAIL
 compare mismatch **
 1006 r400su_clip_baryc_test_07                          00:00:13 mkelly FAIL
 compare mismatch **
 1007 r400su_clip_baryc_test_08                          00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_clip_baryc_test_08

 1008 r400su_clip_edgeflag_polymode_01                   00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_clip_edgeflag_polymode_01

 1009 r400su_clip_line_end_cap_functional_01             00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_clip_line_end_cap_functional_01

 1010 r400su_clip_pointsize_test_01                      00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_clip_pointsize_test_01

 1011 r400su_clip_pointtest_01                           00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_clip_pointtest_01

 1012 r400su_clip_pointtest_02                           00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_clip_pointtest_02

 1013 r400su_clip_pointtest_03                           00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_clip_pointtest_03

 1014 r400su_clip_pointtest_04                           00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_clip_pointtest_04

 1015 r400su_clip_polymode_random_01                     00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_clip_polymode_random_01

 1016 r400su_clip_polymode_random_02                     00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_clip_polymode_random_02

 1017 r400su_clip_polymode_test_01                       00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_clip_polymode_test_01

 1018 r400su_clip_polymode_test_02                       00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_clip_polymode_test_02

 1019 r400su_clip_polymode_test_03                       00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_clip_polymode_test_03

 1020 r400su_clip_provoking_vtx_edgeflags_triangle_01    00:00:19 mkelly FAIL
 compare mismatch **
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 1021 r400su_clip_provoking_vtx_edgeflags_triangle_02    00:00:19 mkelly FAIL
 compare mismatch **
 1022 r400su_clipline_01                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_clipline_01

 1023 r400su_clippoint_01                                00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_clippoint_01

 1024 r400su_clipvertexsorting_01                        00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_clipvertexsorting_01

 1025 r400su_clipvertexsorting_02                        00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_clipvertexsorting_02

 1026 r400su_clipvertexsorting_03                        00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_clipvertexsorting_03

 1027 r400su_clipvertexsorting_polymode_01               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_clipvertexsorting_polymode_01

 1028 r400su_clipvertexsorting_polymode_02               00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_clipvertexsorting_polymode_02

 1029 r400su_clipvertexsortingfunctional_01              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_clipvertexsortingfunctional_01

 1030 r400su_cullingfunctional_01                        00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_cullingfunctional_01

 1031 r400su_degentri_test_01                            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_degentri_test_01

 1032 r400su_degentri_test_02                            00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_degentri_test_02

 1033 r400su_degentri_test_03                            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_degentri_test_03

 1034 r400su_degentri_test_04                            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_degentri_test_04

 1035 r400su_edge_flag_01                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_edge_flag_01

 1036 r400su_edge_flag_02                                00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_edge_flag_02

 1037 r400su_edgeflags_triangle_01                       00:00:18 mkelly PASS    mkelly
```

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\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_edgeflags_triangle_01

 1038 r400su_edgeflags_triangle_02                      00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_edgeflags_triangle_02

 1039 r400su_geom_sort_01                               00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_geom_sort_01

 1040 r400su_line_clip_end_cap_01                       00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_line_clip_end_cap_01

 1041 r400su_line_clip_end_cap_width_functional_02      00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_line_clip_end_cap_width_function
al_02
 1042 r400su_line_clip_orientation_01                   00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_line_clip_orientation_01

 1043 r400su_line_clip_orientation_02                   00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_line_clip_orientation_02

 1044 r400su_line_clip_x_major_01                       00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_line_clip_x_major_01

 1045 r400su_line_end_cap_functional_01                 00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_line_end_cap_functional_01

 1046 r400su_line_end_cap_width_functional_02           00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_line_end_cap_width_functional_02

 1047 r400su_line_orientation_01                        00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_line_orientation_01

 1048 r400su_line_orientation_02                        00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_line_orientation_02

 1049 r400su_line_orientation_dx01_01                   00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_line_orientation_dx01_01

 1050 r400su_line_orientation_dx01_02                   00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_line_orientation_dx01_02

 1051 r400su_line_orientation_dy01_01                   00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_line_orientation_dy01_01

 1052 r400su_line_orientation_dy01_02                   00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_line_orientation_dy01_02

 1053 r400su_line_test_01                               00:00:11 mkelly PASS    mkelly
```

\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_line_test_01

 1054 r400su_line_test_02                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_line_test_02

 1055 r400su_line_x_major_01                           00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_line_x_major_01

 1056 r400su_line_x_major_02                           00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_line_x_major_02

 1057 r400su_line_y_major_01                           00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_line_y_major_01

 1058 r400su_line_y_major_02                           00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_line_y_major_02

 1059 r400su_longstrip_01                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_longstrip_01

 1060 r400su_multi_context_01                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_multi_context_01

 1061 r400su_multi_prim_01                             00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_multi_prim_01

 1062 r400su_multi_prim_02                             00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_multi_prim_02

 1063 r400su_parallel_orientation_all_01               00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_parallel_orientation_all_01

 1064 r400su_parallel_orientation_all_02               00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_parallel_orientation_all_02

 1065 r400su_pc_management_01                          00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_pc_management_01

 1066 r400su_pc_management_02                          00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_pc_management_02

 1067 r400su_pc_management_03                          00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_pc_management_03

 1068 r400su_point_sprite_01                           00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_point_sprite_01

 1069 r400su_point_sprite_02                           00:00:10 mkelly PASS    mkelly

\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_point_sprite_02

1070 r400su_point_sprite_03 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_point_sprite_03

1071 r400su_point_sprite_04 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_point_sprite_04

1072 r400su_point_sprite_05 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_point_sprite_05

1073 r400su_point_sprite_06 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_point_sprite_06

1074 r400su_point_sprite_07 00:00:17 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_point_sprite_07

1075 r400su_point_sprite_08 00:00:17 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_point_sprite_08

1076 r400su_point_sprite_09 00:00:21 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_point_sprite_09

1077 r400su_point_w16_h1_functional_01 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_point_w16_h1_functional_01

1078 r400su_point_w1_h16_functional_01 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_point_w1_h16_functional_01

1079 r400su_pointsizepresent_01 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_pointsizepresent_01

1080 r400su_pointsizepresent_02 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_pointsizepresent_02

1081 r400su_pointsizepresent_03 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_pointsizepresent_03

1082 r400su_polymode_culling_face_01 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_polymode_culling_face_01

1083 r400su_polymode_culling_face_02 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_polymode_culling_face_02

1084 r400su_polymode_lines_degen_triangle_01 00:00:18 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_polymode_lines_degen_triangle_01

1085 r400su_polymode_lines_degen_triangle_02 00:00:18 mkelly PASS mkelly

\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_polymode_lines_degen_triangle_02

 1086 r400su_polymode_lines_degen_triangle_03            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_polymode_lines_degen_triangle_03

 1087 r400su_polymode_lines_zero_area_triangle_01        00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_polymode_lines_zero_area_triangl
e_01
 1088 r400su_polymode_lines_zero_area_triangle_02        00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_polymode_lines_zero_area_triangl
e_02
 1089 r400su_polymode_multi_prim_01                      00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_polymode_multi_prim_01

 1090 r400su_polymode_points_degen_triangle_01           00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_polymode_points_degen_triangle_0
1
 1091 r400su_polymode_points_degen_triangle_02           00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_polymode_points_degen_triangle_0
2
 1092 r400su_polymode_points_zero_area_triangle_01       00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_polymode_points_zero_area_triang
le_01
 1093 r400su_polymode_points_zero_area_triangle_02       00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_polymode_points_zero_area_triang
le_02
 1094 r400su_polymode_rectangle_01                       00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_polymode_rectangle_01

 1095 r400su_polymode_zero_area_triangle_01              00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_polymode_zero_area_triangle_01

 1096 r400su_polymode_zero_area_triangle_02              00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_polymode_zero_area_triangle_02

 1097 r400su_polymode_zero_area_triangle_03              00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_polymode_zero_area_triangle_03

 1098 r400su_polymode_zero_area_triangle_04              00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_polymode_zero_area_triangle_04

 1099 r400su_polymodeculling_01                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_polymodeculling_01

 1100 r400su_polymodefunctional_01                       00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_polymodefunctional_01

 1101 r400su_provok_vtx_polymode_mix_point_lines_01      00:00:11 mkelly PASS    mkelly

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\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_provok_vtx_polymode_mix_point_li
nes_01
 1102 r400su_provoking_vtx_edgeflags_triangle_01         00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_provoking_vtx_edgeflags_triangle
_01
 1103 r400su_provoking_vtx_edgeflags_triangle_02         00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_provoking_vtx_edgeflags_triangle
_02
 1104 r400su_provoking_vtx_edgeflags_triangle_03         00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_provoking_vtx_edgeflags_triangle
_03
 1105 r400su_provoking_vtx_edgeflags_triangle_04         00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_provoking_vtx_edgeflags_triangle
_04
 1106 r400su_provoking_vtx_line_01                       00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_provoking_vtx_line_01

 1107 r400su_provoking_vtx_point_01                      00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_provoking_vtx_point_01

 1108 r400su_provoking_vtx_polymode_rectangle_01         00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_provoking_vtx_polymode_rectangle
_01
 1109 r400su_provoking_vtx_rectangle_01                  00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_provoking_vtx_rectangle_01

 1110 r400su_provoking_vtx_triangle_01                   00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_provoking_vtx_triangle_01

 1111 r400su_rand_line_01                                00:00:21 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_rand_line_01

 1112 r400su_rand_point_01                               00:00:21 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_rand_point_01

 1113 r400su_rand_tri_01                                 00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_rand_tri_01

 1114 r400su_rbbm_reg_read                               00:00:05 mkelly FAIL
 gold or cmp file mis
 1115 r400su_rectangle_01                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_rectangle_01

 1116 r400su_rectangle_list_01                           00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_rectangle_list_01

 1117 r400su_simple_register_indirect                    00:00:09 mkelly FAIL
 gold or cmp file mis
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 1118 r400su_sliver_01                                  00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_sliver_01

 1119 r400su_stress_01                                  00:02:55 mkelly FAIL
 compare mismatch **
 1120 r400su_stress_02                                  00:02:01 mkelly FAIL
 compare mismatch **
 1121 r400su_stress_03                                  00:01:55 mkelly FAIL
 compare mismatch **
 1122 r400su_triarea_test_01                            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_triarea_test_01

 1123 r400su_triarea_test_02                            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_triarea_test_02

 1124 r400su_triarea_test_03                            00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_triarea_test_03

 1125 r400su_triarea_test_04                            00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_triarea_test_04

 1126 r400su_vertexsortingfunctional_01                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_vertexsortingfunctional_01

 1127 r400su_w_grad_test_01                             00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_w_grad_test_01

 1128 r400su_w_grad_test_02                             00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_w_grad_test_02

 1129 r400su_w_grad_test_03                             00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_w_grad_test_03

 1130 r400su_z_grad_test_01                             00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_z_grad_test_01

 1131 r400su_z_grad_test_02                             00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_z_grad_test_02

 1132 r400su_z_grad_test_03                             00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_z_grad_test_03

 1133 r400su_zero_area_test_01                          00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_zero_area_test_01

 1134 r400su_zero_area_test_02                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_zero_area_test_02
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 1135 r400su_zero_area_test_03                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_zero_area_test_03

 1136 r400su_zero_area_test_04                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400su_zero_area_test_04

 1137 r400vte_coverage_02                               00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vte_coverage_02

 1138 r400vte_mult_msbs_01                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vte_mult_msbs_01

 1139 r400vte_inf_nan_02                                00:00:22 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vte_inf_nan_02

 1140 r400vte_many_reciprocals_01                       00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vte_many_reciprocals_01

 1141 r400vte_z_veu_msb_01                              00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vte_z_veu_msb_01

 1142 r400vte_y_veu_msb_01                              00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vte_y_veu_msb_01

 1143 r400vte_x_veu_msb_01                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vte_x_veu_msb_01

 1144 r400vte_inf_nan_01                                00:00:33 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vte_inf_nan_01

 1145 r400vte_clip_perspective_texture_04               00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vte_clip_perspective_texture_04

 1146 r400vte_clip_perspective_texture_03               00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vte_clip_perspective_texture_03

 1147 r400vte_clip_perspective_texture_02               00:00:20 mkelly FAIL
 compare mismatch **
 1148 r400vte_clip_perspective_texture_01               00:00:33 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vte_clip_perspective_texture_01

 1149 r400vte_combos_01                                 00:01:01 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vte_combos_01

 1150 r400vte_combos_02                                 00:00:53 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vte_combos_02

 1151 r400vte_combos_03                                 00:00:30 mkelly PASS    mkelly
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\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vte_combos_03

1152 r400vte_coverage_01 00:00:13 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vte_coverage_01

1153 r400vte_perf_01 00:00:14 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vte_perf_01

1154 r400vte_perf_02 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vte_perf_02

1155 r400vte_perf_03 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vte_perf_03

1156 r400vte_pos_neg_combo_01 00:00:35 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vte_pos_neg_combo_01

1157 r400vte_pos_neg_combo_02 00:00:35 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vte_pos_neg_combo_02

1158 r400vte_pos_neg_combo_03 00:00:36 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vte_pos_neg_combo_03

1159 r400vte_simple_point_01 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vte_simple_point_01

1160 r400vte_simple_triangle_01 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vte_simple_triangle_01

1161 r400vte_w0_fmt_01 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vte_w0_fmt_01

1162 r400vte_w0_fmt_02 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vte_w0_fmt_02

1163 r400vte_w0_fmt_03 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vte_w0_fmt_03

1164 r400vte_w0_fmt_04 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vte_w0_fmt_04

1165 r400vte_w0_fmt_05 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vte_w0_fmt_05

1166 r400vte_w0_fmt_06 00:00:17 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vte_w0_fmt_06

1167 r400vte_xy_fmt_01 00:00:11 mkelly PASS mkelly

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\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vte_xy_fmt_01

 1168 r400vte_xy_fmt_02                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vte_xy_fmt_02

 1169 r400vte_xy_fmt_03                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vte_xy_fmt_03

 1170 r400vte_xyz_scale_01                               00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vte_xyz_scale_01

 1171 r400vte_xyz_scale_02                               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vte_xyz_scale_02

 1172 r400vte_z_fmt_01                                   00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vte_z_fmt_01

 1173 r400vte_z_fmt_02                                   00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vte_z_fmt_02

 1174 r400vte_z_fmt_03                                   00:00:13 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vte_z_fmt_03

 1175 r400vte_z_fmt_04                                   00:00:13 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400vte_z_fmt_04

 1176 r400sanity_vfd_texture_sample_01                   00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400sanity_vfd_texture_sample_01

 1177 primlib_1st_tri_june15                             00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/primlib_1st_tri_june15

 1178 primlib_gouraud_tri_1_xyz_vb_1_rgb_vb              00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/primlib_gouraud_tri_1_xyz_vb_1_rgb_vb

 1179 primlib_gouraud_triangles_2_draw_passes            00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/primlib_gouraud_triangles_2_draw_passes

 1180 primlib_parameterized_simple_triangle              00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/primlib_parameterized_simple_triangle

 1181 primlib_template_simple_triangle                   00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/primlib_template_simple_triangle

 1182 primlib_tex_tri                                    00:00:11 mkelly FAIL
 primlib_tex_tri_001.
 1183 primlib_zbuffer_2tris_03                           00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/primlib_zbuffer_2tris_03
```

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 1184 cp_dma_2desc                                    00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_dma_2desc

 1185 cp_dma_interrupt                                00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_dma_interrupt

 1186 cp_dma_m2m_01                                   00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_dma_m2m_01

 1187 cp_dma_m2m_02                                   00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_dma_m2m_02

 1188 cp_dma_m2m_03                                   00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_dma_m2m_03

 1189 cp_dma_m2m_04                                   00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_dma_m2m_04

 1190 cp_dma_m2r_01                                   00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_dma_m2r_01

 1191 cp_dma_m2r_02                                   00:00:09 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_dma_m2r_02

 1192 cp_dma_m2r_03                                   00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_dma_m2r_03

 1193 cp_dma_m2r_04                                   00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_dma_m2r_04

 1194 cp_dma_m2r_r2m                                  00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_dma_m2r_r2m

 1195 cp_dma_pio_simple                               00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_dma_pio_simple

 1196 cp_dma_pio_stress                               00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_dma_pio_stress

 1197 cp_dma_piobm_stress                             00:00:10 mkelly FAIL
 compare mismatch No
 1198 cp_dma_r2m_01                                   00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_dma_r2m_01

 1199 cp_dma_r2m_02                                   00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_dma_r2m_02
```

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 1200 cp_dma_r2m_03                                    00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_dma_r2m_03

 1201 cp_dma_r2m_04                                    00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_dma_r2m_04

 1202 cp_dma_r2r_01                                    00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_dma_r2r_01

 1203 cp_dma_r2r_02                                    00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_dma_r2r_02

 1204 cp_dma_r2r_03                                    00:00:09 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_dma_r2r_03

 1205 cp_dma_r2r_r2m                                   00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_dma_r2r_r2m

 1206 cp_dma_r2r_r2m_m2m                               00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_dma_r2r_r2m_m2m

 1207 cp_dma_r2r_r2m_m2m_r2m                           00:00:09 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_dma_r2r_r2m_m2m_r2m

 1208 cp_dma_simple                                    00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_dma_simple

 1209 cp_e2_hostdata_blt_pntr_8888                     00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_e2_hostdata_blt_pntr_8888

 1210 cp_e2_one_blit                                   00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_e2_one_blit

 1211 cp_e2_one_hline                                  00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_e2_one_hline

 1212 cp_e2_one_line                                   00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_e2_one_line

 1213 cp_e2_one_vline                                  00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_e2_one_vline

 1214 cp_e2_polyscanlines                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_e2_polyscanlines

 1215 cp_e2blit_brush_m                                00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_e2blit_brush_m
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 1216 cp_e2blit_brush_mt_ropcc                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_e2blit_brush_mt_ropcc

 1217 cp_e2blit_brush_mt_ropf0                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_e2blit_brush_mt_ropf0

 1218 cp_e2blit_src_8888i                               00:00:28 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_e2blit_src_8888i

 1219 cp_e2blit_src_8888ii                              00:00:22 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_e2blit_src_8888ii

 1220 cp_e2blit_src_8888iii                             00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_e2blit_src_8888iii

 1221 cp_e2blit_src_8888iv                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_e2blit_src_8888iv

 1222 cp_e2blit_src_8888v                               00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_e2blit_src_8888v

 1223 cp_e2blit_srf_cohr                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_e2blit_srf_cohr

 1224 cp_e2brush_8x8clr_565                             00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_e2brush_8x8clr_565

 1225 cp_e2brush_8x8clr_ci8                             00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_e2brush_8x8clr_ci8

 1226 cp_e2brush_8x8mmask_1555                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_e2brush_8x8mmask_1555

 1227 cp_e2brush_8x8mono_ci8                            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_e2brush_8x8mono_ci8

 1228 cp_e2brush_solid                                  00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_e2brush_solid

 1229 cp_e2cache1                                       00:00:13 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_e2cache1

 1230 cp_e2cache2                                       00:00:12 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_e2cache2

 1231 cp_e2gradfill_565                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_e2gradfill_565
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 1232 cp_e2gradfill_1555                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_e2gradfill_1555

 1233 cp_e2gradfill_8888                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_e2gradfill_8888

 1234 cp_e2gradfill_horizontal                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_e2gradfill_horizontal

 1235 cp_e2gradfill_triangle                            00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_e2gradfill_triangle

 1236 cp_e2gradfill_vertical                            00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_e2gradfill_vertical

 1237 cp_e2hostdata_blt2_565                            00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_e2hostdata_blt2_565

 1238 cp_e2hostdata_blt2_1555                           00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_e2hostdata_blt2_1555

 1239 cp_e2hostdata_blt2_8888                           00:00:34 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_e2hostdata_blt2_8888

 1240 cp_e2hostdata_blt2_ci8                            00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_e2hostdata_blt2_ci8

 1241 cp_e2hostdata_blt_565                             00:00:27 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_e2hostdata_blt_565

 1242 cp_e2hostdata_blt_1555                            00:00:27 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_e2hostdata_blt_1555

 1243 cp_e2hostdata_blt_8888                            00:00:43 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_e2hostdata_blt_8888

 1244 cp_e2hostdata_blt_ci8                             00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_e2hostdata_blt_ci8

 1245 cp_e2hostdata_blt_drv1                            00:00:25 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_e2hostdata_blt_drv1

 1246 cp_e2hostdata_blt_pntr_565                        00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_e2hostdata_blt_pntr_565

 1247 cp_e2hostdata_blt_pntr_1555                       00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_e2hostdata_blt_pntr_1555
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 1248 cp_e2hostdata_blt_pntr_ci8                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_e2hostdata_blt_pntr_ci8

 1249 cp_e2hostdata_byte_srcload                          00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_e2hostdata_byte_srcload

 1250 cp_e2line_max                                       00:04:20 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_e2line_max

 1251 cp_e2line_patcount_poly                             00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_e2line_patcount_poly

 1252 cp_e2lines                                          00:00:16 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_e2lines

 1253 cp_e2load_palette                                   00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_e2load_palette

 1254 cp_e2nextchar_565                                   00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_e2nextchar_565

 1255 cp_e2nextchar_1555                                  00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_e2nextchar_1555

 1256 cp_e2nextchar_8888                                  00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_e2nextchar_8888

 1257 cp_e2nextchar_ci8                                   00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_e2nextchar_ci8

 1258 cp_e2paint_565                                      00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_e2paint_565

 1259 cp_e2paint_8888                                     00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_e2paint_8888

 1260 cp_e2paint_multi                                    00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_e2paint_multi

 1261 cp_e2perf_2d_04_vector                              00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_e2perf_2d_04_vector

 1262 cp_e2perf_ptrnfil                                   00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_e2perf_ptrnfil

 1263 cp_e2ply_nextscan                                   00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_e2ply_nextscan
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 1264 cp_e2polyscanlines_brush                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_e2polyscanlines_brush

 1265 cp_e2polyscanlines_brush_mt                       00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_e2polyscanlines_brush_mt

 1266 cp_e2rop                                          00:00:12 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_e2rop

 1267 cp_e2set_scissors                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_e2set_scissors

 1268 cp_e2smalltext                                    00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_e2smalltext

 1269 cp_e2smalltext_jc1                                00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_e2smalltext_jc1

 1270 cp_e2smalltext_jc2                                00:04:06 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_e2smalltext_jc2

 1271 cp_e2smalltext_max                                00:01:57 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_e2smalltext_max

 1272 cp_e2smalltext_neg                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_e2smalltext_neg

 1273 cp_e2trans_bitblt                                 00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_e2trans_bitblt

 1274 cp_rb_dst_blit_01                                 00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_rb_dst_blit_01

 1275 cp_rb_dst_blit_agp_01                             00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_rb_dst_blit_agp_01

 1276 cp_rb_dst_blit_brush_01                           00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_rb_dst_blit_brush_01

 1277 cp_rb_dst_blit_brush_02                           00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_rb_dst_blit_brush_02

 1278 cp_rb_dst_blit_brush_03                           00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_rb_dst_blit_brush_03

 1279 cp_rb_dst_blit_brush_04                           00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_rb_dst_blit_brush_04
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 1280 cp_rb_dst_blit_brush_05                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_rb_dst_blit_brush_05

 1281 cp_rb_dst_blit_brush_565_01                      00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_rb_dst_blit_brush_565_01

 1282 cp_rb_dst_blit_brush_agp_01                      00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_rb_dst_blit_brush_agp_01

 1283 cp_rb_dst_blit_brush_agp_05                      00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_rb_dst_blit_brush_agp_05

 1284 cp_rb_dst_blit_brush_ci8_01                      00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_rb_dst_blit_brush_ci8_01

 1285 cp_rb_dst_blit_rop_01                            00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_rb_dst_blit_rop_01

 1286 cp_rb_dst_blit_rop_02                            00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_rb_dst_blit_rop_02

 1287 cp_rb_dst_blit_rop_03                            00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_rb_dst_blit_rop_03

 1288 cp_rb_dst_blit_rop_04                            00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_rb_dst_blit_rop_04

 1289 cp_rb_dst_blit_rop_05                            00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_rb_dst_blit_rop_05

 1290 cp_rb_dst_blit_rop_06                            00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_rb_dst_blit_rop_06

 1291 cp_rb_dst_blit_rop_07                            00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_rb_dst_blit_rop_07

 1292 cp_rb_dst_blit_rop_agp_01                        00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_rb_dst_blit_rop_agp_01

 1293 cp_rb_dst_blit_rop_agp_04                        00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_rb_dst_blit_rop_agp_04

 1294 cp_rb_dst_blit_rop_agp_07                        00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_rb_dst_blit_rop_agp_07

 1295 cp_rb_dst_clr_cmp_01                             00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_rb_dst_clr_cmp_01
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 1296 cp_rb_dst_clr_cmp_02                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_rb_dst_clr_cmp_02

 1297 cp_rb_dst_clr_cmp_03                              00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_rb_dst_clr_cmp_03

 1298 cp_rb_dst_clr_cmp_agp_01                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_rb_dst_clr_cmp_agp_01

 1299 cp_rb_dst_clr_cmp_msk_01                          00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_rb_dst_clr_cmp_msk_01

 1300 cp_rb_dst_clr_cmp_rops_01                         00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_rb_dst_clr_cmp_rops_01

 1301 cp_rb_dst_clr_cmp_rops_02                         00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_rb_dst_clr_cmp_rops_02

 1302 cp_rb_dst_clr_cmp_rops_03                         00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_rb_dst_clr_cmp_rops_03

 1303 cp_rb_dst_line_01                                 00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_rb_dst_line_01

 1304 cp_rb_dst_line_brush_01                           00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_rb_dst_line_brush_01

 1305 cp_rb_dst_line_brush_02                           00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_rb_dst_line_brush_02

 1306 cp_rb_dst_line_brush_03                           00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_rb_dst_line_brush_03

 1307 cp_rb_dst_line_brush_agp_01                       00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_rb_dst_line_brush_agp_01

 1308 cp_rb_dstcache_aflush_2d_01                       00:02:31 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_rb_dstcache_aflush_2d_01

 1309 cp_rb_dstcache_aflush_2d_agp_01                   00:02:37 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_rb_dstcache_aflush_2d_agp_01

 1310 cp_rb_dstcache_fillflush_2d_01                    00:00:56 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_rb_dstcache_fillflush_2d_01

 1311 cp_rb_dstcache_rmw_2d_01                          00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_rb_dstcache_rmw_2d_01
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 1312 cp_rb_dstcache_rmw_2d_agp_01                       00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_rb_dstcache_rmw_2d_agp_01

 1313 cp_im_load_indirect                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_im_load_indirect

 1314 cp_queue_avail_01                                  00:00:10 mkelly FAIL
 compare mismatch No
 1315 cp_queue_avail_02                                  00:00:11 mkelly FAIL
 compare mismatch No
 1316 cp_queue_avail_03                                  00:00:10 mkelly FAIL
 compare mismatch No
 1317 cp_queue_avail_04                                  00:00:11 mkelly FAIL
 compare mismatch No
 1318 cp_queue_avail_05                                  00:00:11 mkelly FAIL
 compare mismatch No
 1319 cp_queue_avail_06                                  00:00:10 mkelly FAIL
 compare mismatch No
 1320 cp_queue_avail_07                                  00:00:10 mkelly FAIL
 compare mismatch No
 1321 cp_push_aper_indirect1                             00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_push_aper_indirect1

 1322 cp_push_aper_primary                               00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_push_aper_primary

 1323 cp_simple_triangle                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/cp_simple_triangle

 1324 e2_bbll                                            00:00:12 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2_bbll

 1325 e2_bbll_565                                        00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2_bbll_565

 1326 e2_bbll_1555                                       00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2_bbll_1555

 1327 e2_bbll_ci8                                        00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2_bbll_ci8

 1328 e2_blbl                                            00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2_blbl

 1329 e2_blbl_565                                        00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2_blbl_565

 1330 e2_blbl_1555                                       00:00:11 mkelly PASS    mkelly
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                    \\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2_blbl_1555

 1331 e2_blbl_ci8                                    00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2_blbl_ci8

 1332 e2_blit_busy                                   00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2_blit_busy

 1333 e2_blit_lines                                  00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2_blit_lines

 1334 e2_blit_sync_565                               00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2_blit_sync_565

 1335 e2_dstaddr                                     00:00:14 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2_dstaddr

 1336 e2_lblb                                        00:00:12 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2_lblb

 1337 e2_lblb_wh                                     00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2_lblb_wh

 1338 e2_line_busy                                   00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2_line_busy

 1339 e2_llbb                                        00:00:12 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2_llbb

 1340 e2_many_lines                                  00:00:17 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2_many_lines

 1341 e2_many_lines_2x4                              00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2_many_lines_2x4

 1342 e2_many_lines_2x4_mask                         00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2_many_lines_2x4_mask

 1343 e2_many_lines_4x4                              00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2_many_lines_4x4

 1344 e2_many_lines_4x4_mask                         00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2_many_lines_4x4_mask

 1345 e2_many_lines_4x8                              00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2_many_lines_4x8

 1346 e2_many_lines_4x8_mask                         00:00:17 mkelly PASS    mkelly
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\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2_many_lines_4x8_mask

1347 e2_many_lines_mask 00:00:17 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2_many_lines_mask

1348 e2_many_lines_pat 00:00:17 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2_many_lines_pat

1349 e2_many_lines_w9x 00:00:17 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2_many_lines_w9x

1350 e2_offset_pitch 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2_offset_pitch

1351 e2_offset_pitch_16byte 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2_offset_pitch_16byte

1352 e2_one_blit 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2_one_blit

1353 e2_one_line 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2_one_line

1354 e2_partial_add 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2_partial_add

1355 e2_pm4_blit_64x64 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2_pm4_blit_64x64

1356 e2_pm4_blit_128x128 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2_pm4_blit_128x128

1357 e2_pm4_blit_256x256 00:00:19 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2_pm4_blit_256x256

1358 e2_simple2d 00:00:13 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2_simple2d

1359 e2_write_256b 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2_write_256b

1360 e2blit_3noshft_565 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_3noshft_565

1361 e2blit_3noshft_1555 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_3noshft_1555

1362 e2blit_3noshft_8888 00:00:11 mkelly PASS mkelly

\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_3noshft_8888

1363 e2blit_3noshft_ci8 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_3noshft_ci8

1364 e2blit_3shftL_565 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_3shftL_565

1365 e2blit_3shftL_1555 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_3shftL_1555

1366 e2blit_3shftL_8888 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_3shftL_8888

1367 e2blit_3shftL_ci8 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_3shftL_ci8

1368 e2blit_3shftR_565 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_3shftR_565

1369 e2blit_3shftR_1555 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_3shftR_1555

1370 e2blit_3shftR_8888 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_3shftR_8888

1371 e2blit_3shftR_ci8 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_3shftR_ci8

1372 e2blit_640x5_8888 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_640x5_8888

1373 e2blit_agp2agp 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_agp2agp

1374 e2blit_agp2fb 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_agp2fb

1375 e2blit_agp2fb_big 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_agp2fb_big

1376 e2blit_agp2fb_big2 00:00:13 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_agp2fb_big2

1377 e2blit_beyondframe 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_beyondframe

1378 e2blit_clut32_8888 00:00:12 mkelly PASS mkelly

\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_clut32_8888

1379 e2blit_clut32_8888_lines 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_clut32_8888_lines

1380 e2blit_clut_565 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_clut_565

1381 e2blit_clut_565_2 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_clut_565_2

1382 e2blit_clut_565all 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_clut_565all

1383 e2blit_clut_565indx 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_clut_565indx

1384 e2blit_clut_8888 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_clut_8888

1385 e2blit_fb2agp_big 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_fb2agp_big

1386 e2blit_fb2agp_big_2 00:00:13 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_fb2agp_big_2

1387 e2blit_host2agp 00:00:44 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_host2agp

1388 e2blit_host128_565_00 00:00:16 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_host128_565_00

1389 e2blit_host128_565_00_wide 00:00:15 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_host128_565_00_wide

1390 e2blit_host128_565_01 00:00:16 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_host128_565_01

1391 e2blit_host128_565_01_wide 00:00:15 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_host128_565_01_wide

1392 e2blit_host128_565_02 00:00:15 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_host128_565_02

1393 e2blit_host128_565_02_wide 00:00:15 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_host128_565_02_wide

1394 e2blit_host128_565_03 00:00:15 mkelly PASS mkelly

\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_host128_565_03

1395 e2blit_host128_565_03_wide 00:00:15 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_host128_565_03_wide

1396 e2blit_host128_565_mono 00:00:15 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_host128_565_mono

1397 e2blit_host128_8888_00 00:00:13 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_host128_8888_00

1398 e2blit_host128_8888_01 00:00:13 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_host128_8888_01

1399 e2blit_host128_8888_02 00:00:14 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_host128_8888_02

1400 e2blit_host128_8888_03 00:00:13 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_host128_8888_03

1401 e2blit_host128_8888_mono 00:00:15 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_host128_8888_mono

1402 e2blit_host128_ci8_00 00:00:40 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_host128_ci8_00

1403 e2blit_host128_ci8_01 00:00:41 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_host128_ci8_01

1404 e2blit_host128_ci8_02 00:00:40 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_host128_ci8_02

1405 e2blit_host128_ci8_03 00:00:40 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_host128_ci8_03

1406 e2blit_host128_ci8_mono 00:00:15 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_host128_ci8_mono

1407 e2blit_host_1to8_00 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_host_1to8_00

1408 e2blit_host_1to8_01 00:00:13 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_host_1to8_01

1409 e2blit_host_1to8_02 00:00:16 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_host_1to8_02

1410 e2blit_host_1to8_04 00:00:13 mkelly PASS mkelly

\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_host_1to8_04

1411 e2blit_host_1to8_04_lines 00:00:14 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_host_1to8_04_lines

1412 e2blit_host_1to8_05 00:00:14 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_host_1to8_05

1413 e2blit_host_1to8_06 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_host_1to8_06

1414 e2blit_host_1to8_07 00:00:13 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_host_1to8_07

1415 e2blit_host_1to8_08 00:00:16 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_host_1to8_08

1416 e2blit_host_1to8_09 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_host_1to8_09

1417 e2blit_host_1to8_10 00:00:13 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_host_1to8_10

1418 e2blit_host_1to8_11 00:00:17 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_host_1to8_11

1419 e2blit_host_1to8mask_01 00:00:13 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_host_1to8mask_01

1420 e2blit_host_1to8mask_03 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_host_1to8mask_03

1421 e2blit_host_1to8mask_09 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_host_1to8mask_09

1422 e2blit_host_1to8mask_10 00:00:13 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_host_1to8mask_10

1423 e2blit_host_1to8mask_10_lines 00:00:13 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_host_1to8mask_10_lines

1424 e2blit_host_1to16_00 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_host_1to16_00

1425 e2blit_host_1to16_01 00:00:13 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_host_1to16_01

1426 e2blit_host_1to16_02 00:00:16 mkelly PASS mkelly

\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_host_1to16_02

 1427 e2blit_host_1to16_03                              00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_host_1to16_03

 1428 e2blit_host_1to16_04                              00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_host_1to16_04

 1429 e2blit_host_1to16_05                              00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_host_1to16_05

 1430 e2blit_host_1to16_06                              00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_host_1to16_06

 1431 e2blit_host_1to16_07                              00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_host_1to16_07

 1432 e2blit_host_100x100_8888                          00:00:42 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_host_100x100_8888

 1433 e2blit_host_pm4_100x100_8888                      00:00:43 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_host_pm4_100x100_8888

 1434 e2blit_hostdest_1555                              00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_hostdest_1555

 1435 e2blit_hostdest_1555_lines                        00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_hostdest_1555_lines

 1436 e2blit_hostdest_8888                              00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_hostdest_8888

 1437 e2blit_hostdest_ci8                               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_hostdest_ci8

 1438 e2blit_hostmono                                   00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_hostmono

 1439 e2blit_hostmonow                                  00:00:16 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_hostmonow

 1440 e2blit_noshft_565                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_noshft_565

 1441 e2blit_noshft_1555                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_noshft_1555

 1442 e2blit_noshft_8888                                00:00:10 mkelly PASS    mkelly

\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_noshft_8888

1443 e2blit_noshft_ci8 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_noshft_ci8

1444 e2blit_offscreen 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_offscreen

1445 e2blit_offset_565 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_offset_565

1446 e2blit_offset_1555 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_offset_1555

1447 e2blit_offset_8888 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_offset_8888

1448 e2blit_offset_ci8 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_offset_ci8

1449 e2blit_pitch_565 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_pitch_565

1450 e2blit_pitch_1555 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_pitch_1555

1451 e2blit_pitch_8888 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_pitch_8888

1452 e2blit_pix_order_565 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_pix_order_565

1453 e2blit_pix_order_1555 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_pix_order_1555

1454 e2blit_pix_order_8888 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_pix_order_8888

1455 e2blit_pix_order_ci8 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_pix_order_ci8

1456 e2blit_qdrnt_cc 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_qdrnt_cc

1457 e2blit_qdrnt_cc_565 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_qdrnt_cc_565

1458 e2blit_qdrnt_cc_1555 00:00:12 mkelly PASS mkelly

\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_qdrnt_cc_1555

1459 e2blit_qdrnt_cc_ci8 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_qdrnt_cc_ci8

1460 e2blit_raster_order 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_raster_order

1461 e2blit_raster_orderb 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_raster_orderb

1462 e2blit_shftL_565 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_shftL_565

1463 e2blit_shftL_1555 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_shftL_1555

1464 e2blit_shftL_8888 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_shftL_8888

1465 e2blit_shftL_ci8 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_shftL_ci8

1466 e2blit_shftR_565 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_shftR_565

1467 e2blit_shftR_1555 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_shftR_1555

1468 e2blit_shftR_8888 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_shftR_8888

1469 e2blit_shftR_ci8 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_shftR_ci8

1470 e2blit_src_565 00:00:27 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_src_565

1471 e2blit_src_565a 00:00:22 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_src_565a

1472 e2blit_src_565b 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_src_565b

1473 e2blit_src_565c 00:00:13 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_src_565c

1474 e2blit_src_8888 00:00:20 mkelly PASS mkelly

\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_src_8888

1475 e2blit_src_8888_sdest 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_src_8888_sdest

1476 e2blit_src_8888_smono 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_src_8888_smono

1477 e2blit_src_8888a 00:00:16 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_src_8888a

1478 e2blit_src_8888b 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_src_8888b

1479 e2blit_src_8888d 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_src_8888d

1480 e2blit_src_ci8 00:00:19 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_src_ci8

1481 e2blit_src_ci8_smono 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_src_ci8_smono

1482 e2blit_src_ci8_smonom 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_src_ci8_smonom

1483 e2blit_src_ci8a 00:00:15 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_src_ci8a

1484 e2blit_src_ci8b 00:00:14 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_src_ci8b

1485 e2blit_walk_565 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_walk_565

1486 e2blit_walk_1555 00:00:13 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_walk_1555

1487 e2blit_walk_8888 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_walk_8888

1488 e2blit_walk_ci8 00:00:13 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_walk_ci8

1489 e2blit_walk_srcdst 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_walk_srcdst

1490 e2blit_wh_8888 00:00:12 mkelly PASS mkelly

\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blit_wh_8888

1491 e2blits_565 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2blits_565

1492 e2brush 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2brush

1493 e2brush_8x8clr 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2brush_8x8clr

1494 e2brush_8x8clr_565 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2brush_8x8clr_565

1495 e2brush_8x8clr_1555 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2brush_8x8clr_1555

1496 e2brush_8x8clr_ci8 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2brush_8x8clr_ci8

1497 e2brush_8x8mmask 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2brush_8x8mmask

1498 e2brush_8x8mmask_565 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2brush_8x8mmask_565

1499 e2brush_8x8mmask_1555 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2brush_8x8mmask_1555

1500 e2brush_8x8mmask_ci8 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2brush_8x8mmask_ci8

1501 e2brush_8x8mono 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2brush_8x8mono

1502 e2brush_8x8mono_565 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2brush_8x8mono_565

1503 e2brush_8x8mono_1555 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2brush_8x8mono_1555

1504 e2brush_8x8mono_ci8 00:00:11 mkelly PASS mkelly
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1505 e2brush_32x1line 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2brush_32x1line

1506 e2brush_32x1line_565 00:00:11 mkelly PASS mkelly

\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2brush_32x1line_565

1507 e2brush_32x1line_1555 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2brush_32x1line_1555

1508 e2brush_32x1line_ci8 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2brush_32x1line_ci8

1509 e2brush_32x1linemask 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2brush_32x1linemask

1510 e2brush_32x1linemask_565 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2brush_32x1linemask_565

1511 e2brush_32x1linemask_1555 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2brush_32x1linemask_1555

1512 e2brush_32x1linemask_ci8 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2brush_32x1linemask_ci8

1513 e2brush_565 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2brush_565

1514 e2brush_1555 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2brush_1555

1515 e2brush_address 00:00:15 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2brush_address

1516 e2brush_address_565 00:00:13 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2brush_address_565

1517 e2brush_address_1555 00:00:13 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2brush_address_1555

1518 e2brush_address_ci8 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2brush_address_ci8

1519 e2brush_ci8 00:00:11 mkelly PASS mkelly
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1520 e2brush_solid 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2brush_solid

1521 e2brush_solid_565 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2brush_solid_565

1522 e2brush_solid_1555 00:00:10 mkelly PASS mkelly

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\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2brush_solid_1555

 1523 e2brush_solid_ci8                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2brush_solid_ci8

 1524 e2brush_solidline                                  00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2brush_solidline

 1525 e2brush_solidline_565                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2brush_solidline_565

 1526 e2brush_solidline_1555                             00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2brush_solidline_1555

 1527 e2brush_solidline_ci8                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2brush_solidline_ci8

 1528 e2cache1                                           00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2cache1

 1529 e2cache2                                           00:00:12 mkelly PASS    mkelly
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 1530 e2cache4                                           00:00:18 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2cache4

 1531 e2cache5                                           00:00:14 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2cache5

 1532 e2cache6                                           00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2cache6

 1533 e2cache7                                           00:00:12 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2cache7

 1534 e2cache8                                           00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2cache8

 1535 e2dst_scssr_565                                    00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2dst_scssr_565

 1536 e2dst_scssr_1555                                   00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2dst_scssr_1555

 1537 e2dst_scssr_8888                                   00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2dst_scssr_8888

 1538 e2dst_scssr_ci8                                    00:00:11 mkelly PASS    mkelly
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                    \\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2dst_scssr_ci8

 1539 e2endian_fb                                    00:00:14 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2endian_fb

 1540 e2endian_agp                                   00:00:12 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2endian_agp

 1541 e2endian_host                                  00:00:16 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2endian_host

 1542 e2lilblit                                      00:00:10 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2lilblit

 1543 e2lilblit_line                                 00:00:10 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2lilblit_line

 1544 e2line_box                                     00:00:11 mkelly PASS    mkelly
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 1545 e2line_bridgeB                                 00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2line_bridgeB

 1546 e2line_bridgeBL                                00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2line_bridgeBL

 1547 e2line_bridgeBR                                00:00:11 mkelly PASS    mkelly
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 1548 e2line_bridgeL                                 00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2line_bridgeL

 1549 e2line_bridgeLRTB                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2line_bridgeLRTB

 1550 e2line_bridgeR                                 00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2line_bridgeR

 1551 e2line_bridgeT                                 00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2line_bridgeT

 1552 e2line_bridgeTL                                00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2line_bridgeTL

 1553 e2line_bridgeTR                                00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2line_bridgeTR

 1554 e2line_hori565                                 00:00:11 mkelly PASS    mkelly
```

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                    \\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2line_hori565

 1555 e2line_hori1555                                  00:00:12 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2line_hori1555

 1556 e2line_hori8888                                  00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2line_hori8888

 1557 e2line_horici8                                   00:00:12 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2line_horici8

 1558 e2line_horishort565                              00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2line_horishort565

 1559 e2line_horishort1555                             00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2line_horishort1555

 1560 e2line_horishort8888                             00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2line_horishort8888

 1561 e2line_horishortci8                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2line_horishortci8

 1562 e2line_nobridge                                  00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2line_nobridge

 1563 e2line_offscreen                                 00:00:12 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2line_offscreen

 1564 e2line_patcount                                  00:00:12 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2line_patcount

 1565 e2line_patcount_565                              00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2line_patcount_565

 1566 e2line_patcount_1555                             00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2line_patcount_1555

 1567 e2line_patcount_ci8                              00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2line_patcount_ci8

 1568 e2line_patcount_poly_565                         00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2line_patcount_poly_565

 1569 e2line_patcount_poly_ci8                         00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2line_patcount_poly_ci8

 1570 e2line_ptrn                                      00:00:11 mkelly PASS    mkelly
```

\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2line_ptrn

1571 e2line_ptrnplaid 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2line_ptrnplaid

1572 e2line_star 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2line_star

1573 e2line_vert565 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2line_vert565

1574 e2line_vert1555 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2line_vert1555

1575 e2line_vert8888 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2line_vert8888

1576 e2line_vertci8 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2line_vertci8

1577 e2line_vertshort565 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2line_vertshort565

1578 e2line_vertshort1555 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2line_vertshort1555

1579 e2line_vertshort8888 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2line_vertshort8888

1580 e2line_vertshortci8 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2line_vertshortci8

1581 e2line_zeropixel 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2line_zeropixel

1582 e2max_values_height 00:00:18 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2max_values_height

1583 e2max_values_offset 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2max_values_offset

1584 e2max_values_width 00:00:17 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2max_values_width

1585 e2max_values_xy 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2max_values_xy

1586 e2rop_00_0f 00:00:10 mkelly PASS mkelly

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                    \\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2rop_00_0f

1587 e2rop_10_1f                                    00:00:10 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2rop_10_1f

1588 e2rop_20_2f                                    00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2rop_20_2f

1589 e2rop_30_3f                                    00:00:10 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2rop_30_3f

1590 e2rop_40_4f                                    00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2rop_40_4f

1591 e2rop_50_5f                                    00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2rop_50_5f

1592 e2rop_60_6f                                    00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2rop_60_6f

1593 e2rop_70_7f                                    00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2rop_70_7f

1594 e2rop_80_8f                                    00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2rop_80_8f

1595 e2rop_90_9f                                    00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2rop_90_9f

1596 e2rop_a0_af                                    00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2rop_a0_af

1597 e2rop_b0_bf                                    00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2rop_b0_bf

1598 e2rop_c0_cf                                    00:00:10 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2rop_c0_cf

1599 e2rop_d0_df                                    00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2rop_d0_df

1600 e2rop_e0_ef                                    00:00:10 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2rop_e0_ef

1601 e2rop_f0_ff                                    00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2rop_f0_ff

1602 e2scssr_flipped_blits_8888                     00:00:11 mkelly PASS    mkelly
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\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2scssr_flipped_blits_8888

 1603 e2scssr_flipped_lines                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2scssr_flipped_lines

 1604 e2scssr_none_565                                   00:00:12 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2scssr_none_565

 1605 e2scssr_none_1555                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2scssr_none_1555

 1606 e2scssr_none_8888                                  00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2scssr_none_8888

 1607 e2scssr_none_ci8                                   00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2scssr_none_ci8

 1608 e2scssr_within_565                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2scssr_within_565

 1609 e2scssr_within_1555                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2scssr_within_1555

 1610 e2scssr_within_8888                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2scssr_within_8888

 1611 e2scssr_within_ci8                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2scssr_within_ci8

 1612 e2scssrB_565                                       00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2scssrB_565

 1613 e2scssrB_1555                                      00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2scssrB_1555

 1614 e2scssrB_8888                                      00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2scssrB_8888

 1615 e2scssrB_ci8                                       00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2scssrB_ci8

 1616 e2scssrBL_565                                      00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2scssrBL_565

 1617 e2scssrBL_1555                                     00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2scssrBL_1555

 1618 e2scssrBL_8888                                     00:00:11 mkelly PASS    mkelly
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                    \\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2scssrBL_8888

1619 e2scssrBL_ci8                                  00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2scssrBL_ci8

1620 e2scssrBR_565                                  00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2scssrBR_565

1621 e2scssrBR_1555                                 00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2scssrBR_1555

1622 e2scssrBR_8888                                 00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2scssrBR_8888

1623 e2scssrBR_ci8                                  00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2scssrBR_ci8

1624 e2scssrL_565                                   00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2scssrL_565

1625 e2scssrL_1555                                  00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2scssrL_1555

1626 e2scssrL_8888                                  00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2scssrL_8888

1627 e2scssrL_ci8                                   00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2scssrL_ci8

1628 e2scssrLRTB_565                                00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2scssrLRTB_565

1629 e2scssrLRTB_1555                               00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2scssrLRTB_1555

1630 e2scssrLRTB_8888                               00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2scssrLRTB_8888

1631 e2scssrLRTB_ci8                                00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2scssrLRTB_ci8

1632 e2scssrR_565                                   00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2scssrR_565

1633 e2scssrR_1555                                  00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2scssrR_1555

1634 e2scssrR_8888                                  00:00:11 mkelly PASS    mkelly
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                    \\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2scssrR_8888

1635 e2scssrR_ci8                                   00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2scssrR_ci8

1636 e2scssrT_565                                   00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2scssrT_565

1637 e2scssrT_1555                                  00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2scssrT_1555

1638 e2scssrT_8888                                  00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2scssrT_8888

1639 e2scssrT_ci8                                   00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2scssrT_ci8

1640 e2scssrTL_565                                  00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2scssrTL_565

1641 e2scssrTL_1555                                 00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2scssrTL_1555

1642 e2scssrTL_8888                                 00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2scssrTL_8888

1643 e2scssrTL_ci8                                  00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2scssrTL_ci8

1644 e2scssrTR_565                                  00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2scssrTR_565

1645 e2scssrTR_1555                                 00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2scssrTR_1555

1646 e2scssrTR_8888                                 00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2scssrTR_8888

1647 e2scssrTR_ci8                                  00:00:12 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2scssrTR_ci8

1648 e2src_scssrB                                   00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2src_scssrB

1649 e2src_scssrB_565                               00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2src_scssrB_565

1650 e2src_scssrB_1555                              00:00:11 mkelly PASS    mkelly
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\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2src_scssrB_1555

1651 e2src_scssrB_ci8 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2src_scssrB_ci8

1652 e2src_scssrBR 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2src_scssrBR

1653 e2src_scssrBR_565 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2src_scssrBR_565

1654 e2src_scssrBR_1555 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2src_scssrBR_1555

1655 e2src_scssrBR_ci8 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2src_scssrBR_ci8

1656 e2src_scssrR 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2src_scssrR

1657 e2src_scssrR_565 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2src_scssrR_565

1658 e2src_scssrR_1555 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2src_scssrR_1555

1659 e2src_scssrR_ci8 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2src_scssrR_ci8

1660 e2srcsc_565 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2srcsc_565

1661 e2srcsc_8888 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2srcsc_8888

1662 e2srcsc_ci8 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/e2srcsc_ci8

1663 r400cp_2drotdst_hbl 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cp_2drotdst_hbl

1664 r400cp_2drotdst_hbr 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cp_2drotdst_hbr

1665 r400cp_2drotdst_htl 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cp_2drotdst_htl

1666 r400cp_2drotdst_htr 00:00:11 mkelly PASS mkelly

\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cp_2drotdst_htr

1667 r400cp_2drotdst_vbl 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cp_2drotdst_vbl

1668 r400cp_2drotdst_vbr 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cp_2drotdst_vbr

1669 r400cp_2drotdst_vtl 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cp_2drotdst_vtl

1670 r400cp_2drotdst_vtr 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cp_2drotdst_vtr

1671 r400cp_2drotdst_host 00:00:17 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cp_2drotdst_host

1672 r400cp_2drotsrc_eqofst 00:00:14 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cp_2drotsrc_eqofst

1673 r400cp_2drotsrc_neqofst 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cp_2drotsrc_neqofst

1674 r400cp_2dalphablend_sb 00:00:28 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cp_2dalphablend_sb

1675 r400cp_2dalphablend_abc 00:00:13 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cp_2dalphablend_abc

1676 r400cp_2dalphablend_abs 00:00:13 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cp_2dalphablend_abs

1677 r400cp_2dalphablend_abb 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cp_2dalphablend_abb

1678 r400cp_2dalphablend_8888 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cp_2dalphablend_8888

1679 r400cp_2dalphablend_1555 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cp_2dalphablend_1555

1680 r400cp_2daafont_bgnd 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cp_2daafont_bgnd

1681 r400cp_2daafont_dst 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cp_2daafont_dst

1682 r400cp_2daafont_1555 00:00:11 mkelly PASS mkelly

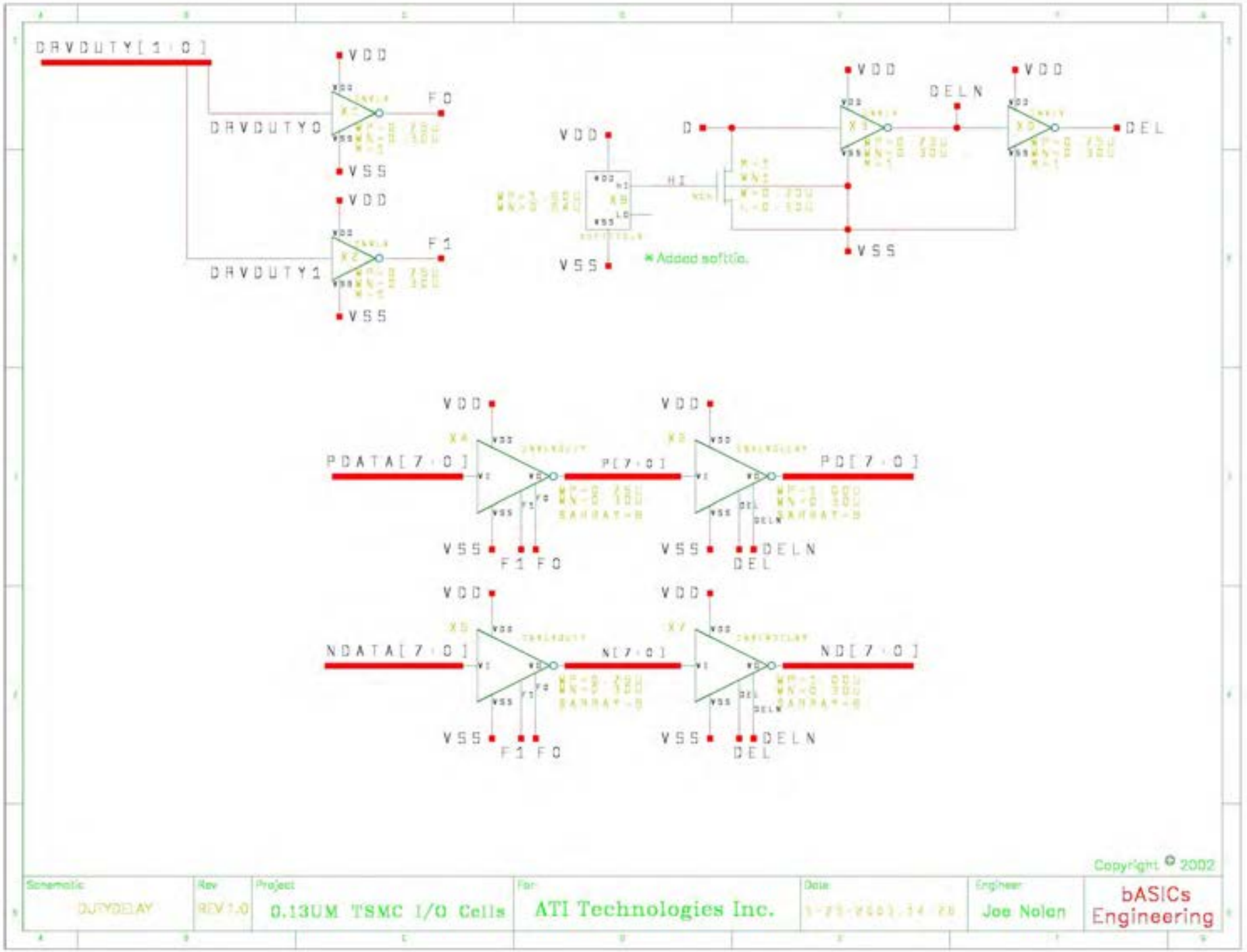
```
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cp_2daafont_1555

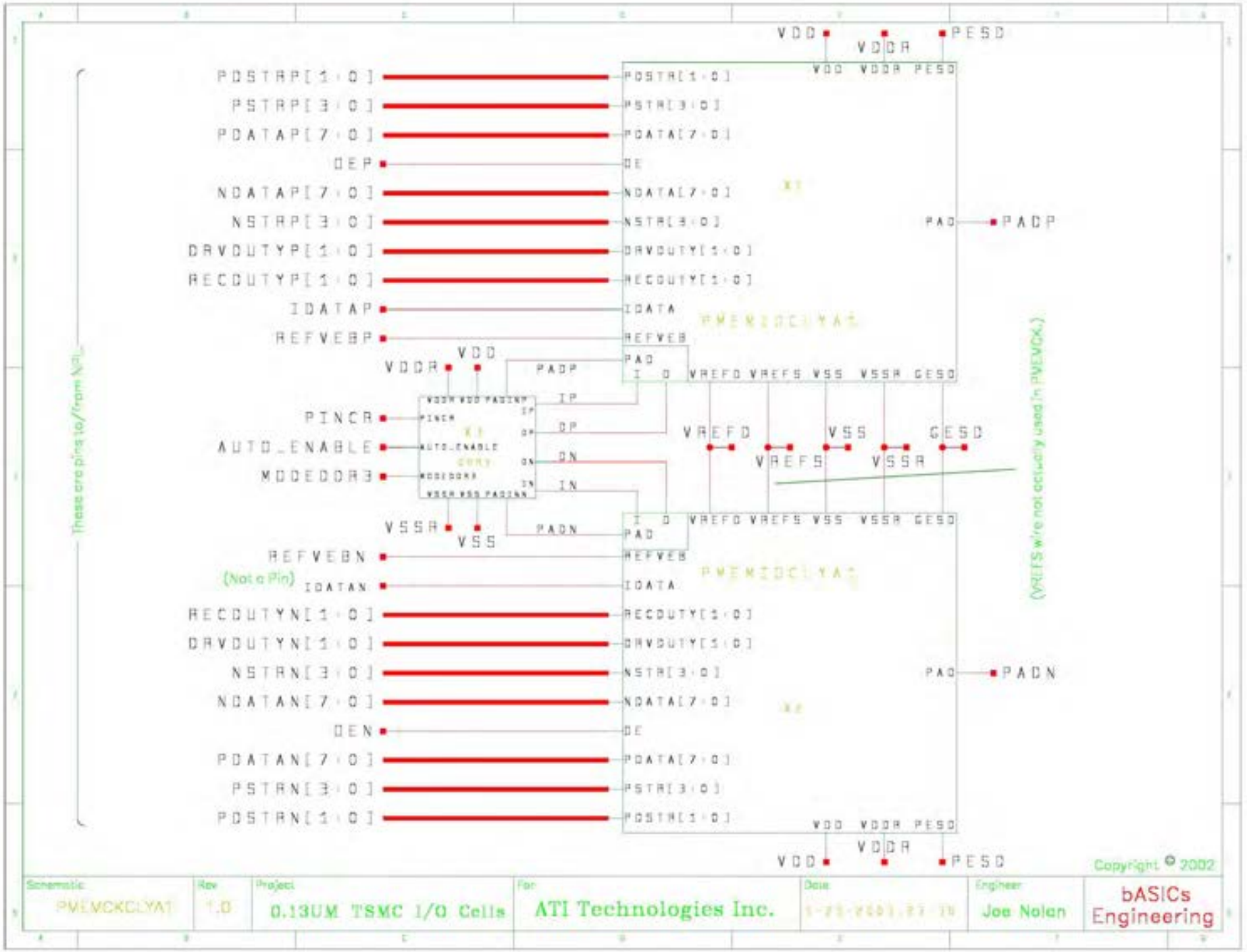
 1683 r400cp_2daafont_565                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030128093335/r400cp_2daafont_565

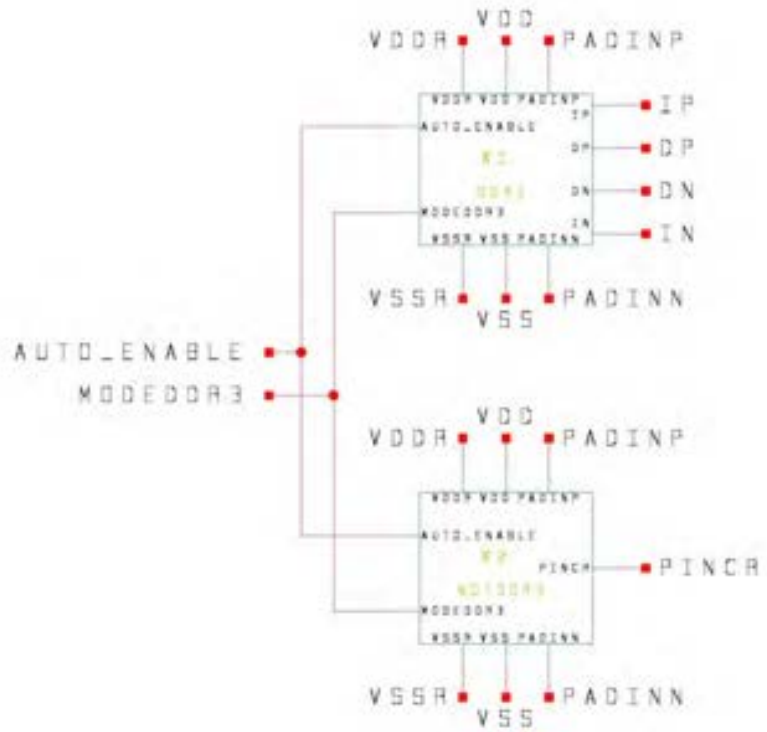
 1684 r400cp_registers                                     00:00:07 mkelly FAIL
 gold or cmp file mis
+-------------------------------------------------------------------------------------
-----------------------------------+
                                                           08:52:48
```

+ Regression Summary:  R400 EMU SYNC mkelly
+ Date: Tue Jan 28 23:27:41 2003

| UNIT | Total Tests | Tests Run | Tests Pass | %Pass |
|---|---|---|---|---|
| SC | 399 | 397 | 394 | 99.24 |
| VGT | 234 | 234 | 197 | 84.19 |
| CL | 362 | 357 | 356 | 99.72 |
| SU | 148 | 148 | 137 | 92.57 |
| VTE | 39 | 39 | 38 | 97.44 |
| CP | 506 | 501 | 492 | 98.20 |
| RBBM | 0 | 0 | 0 | 0.00 |
| BUGS | 0 | 0 | 0 | 0.00 |
| SANITY | 1 | 1 | 1 | 100.00 |
| STRESS | 0 | 0 | 0 | 0.00 |
| PERF | 7 | 7 | 6 | 85.71 |
| TOTAL | 1696 | 1684 | 1621 | 96.26 |

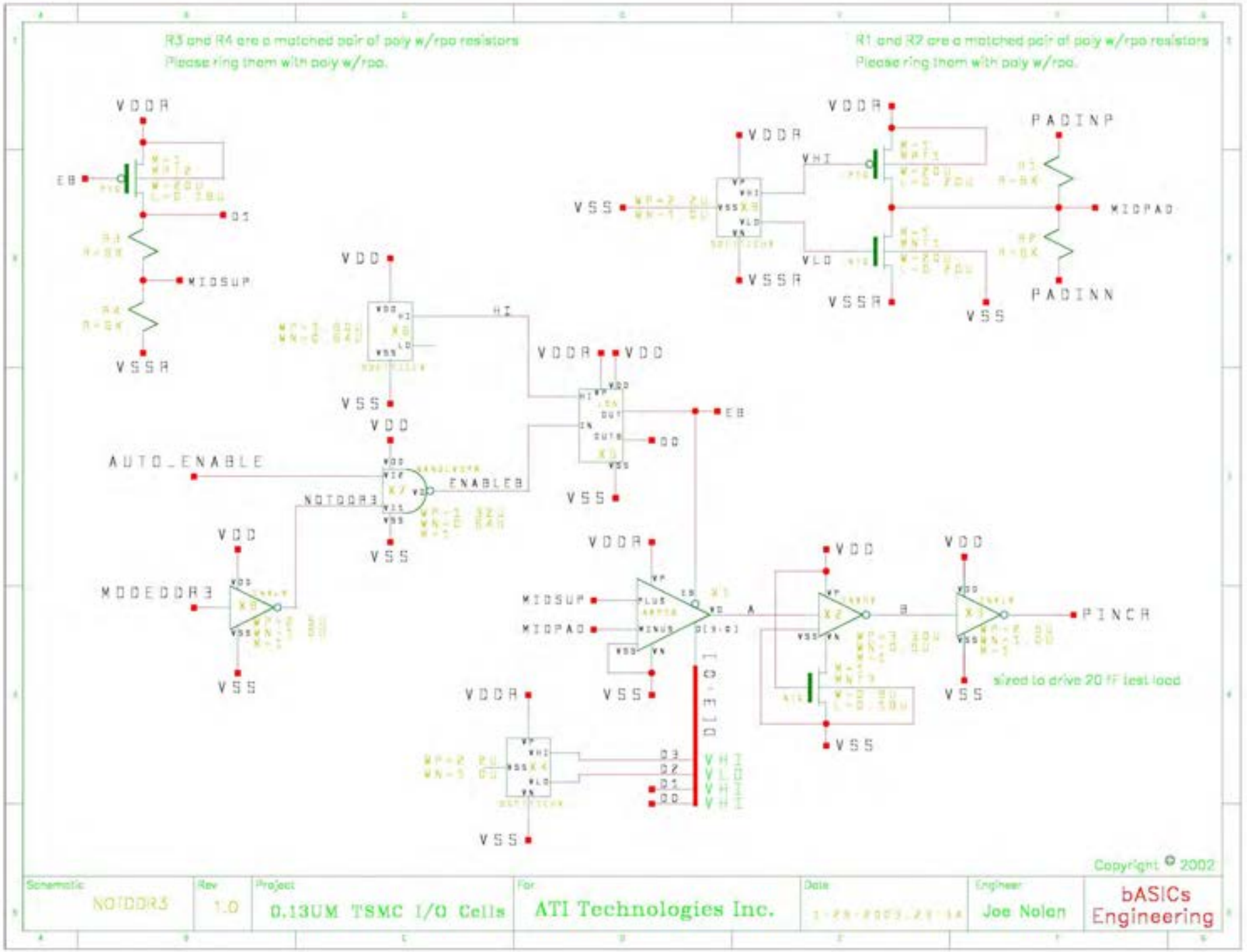

DRVDUTY[1:0]
VDD
DRVDUTY0
F0
VSS
VDD
DRVDUTY1
F1
VSS
VDD
D
DELN
VDD
DEL
VDD
HI
VSS
VSS
* Added softlo.
VDD
PDATA[7:0]
P[7:0]
VSS
F1 F0
VDD
PD[7:0]
VSS
DEL DELN
VDD
NDATA[7:0]
N[7:0]
VSS
F1 F0
VDD
ND[7:0]
VSS
DEL DELN
Copyright © 2002
Schematic
DUTYDELAY
Rev
REV1.0
Project
0.13UM TSMC I/O Cells
For
ATI Technologies Inc.
Date
Engineer
Joe Nolan
bASICs Engineering


VDD
VDDR
PESD
PDSTRP[1:0]
PSTRP[3:0]
PDATAP[7:0]
OEP
NDATAP[7:0]
NSTRP[3:0]
DRVDUTYP[1:0]
RECDUTYP[1:0]
IDATAP
REFVEBP
PINCR
AUTO_ENABLE
MODEDDR3
PADP
PAD
VREFD
VREFS
VSS
VSSR
GESD
IP
OP
ON
IN
PADN
REFVEBN
(Not a Pin)
IDATAN
RECDUTYN[1:0]
DRVDUTYN[1:0]
NSTRN[3:0]
NDATAN[7:0]
OEN
PDATAN[7:0]
PSTRN[3:0]
PDSTRN[1:0]
These are pins to/from NPL
(VREFS wire not actually used in PVEVCK.)
Copyright © 2002
Schematic
PVEMCKCLYAT
Rev
1.0
Project
0.13UM TSMC I/O Cells
For
ATI Technologies Inc.
Date
Engineer
Joe Nolan
bASICs
Engineering




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| Schematic | Rev | Project | For | Date | Engineer | |
|---|---|---|---|---|---|---|
| CORRECTION | 1.0 | 0.13UM TSMC I/O Cells | ATI Technologies Inc. | | Joe Nolan | bASICs Engineering |


R3 and R4 are a matched pair of poly w/rpo resistors
Please ring them with poly w/rpo.
R1 and R2 are a matched pair of poly w/rpo resistors
Please ring them with poly w/rpo.
VDDR
EB
D1
MIDSUP
VSSR
VDD
VSS
HI
AUTO_ENABLE
NOTDDR3
ENABLEB
MODEDDR3
D0
PADINP
MIDPAD
PADINN
VHI
VLO
A
B
PINCR
sized to drive 20 fF test load
D[3:0]
D3
D2
D1
D0
Copyright © 2002
Schematic
NOTDDR3
Rev
1.0
Project
0.13UM TSMC I/O Cells
For
ATI Technologies Inc.
Date
Engineer
Joe Nolan
bASICs
Engineering

```
+-------------------------------------------------------------------------------------------
-----------------------------------+
+ R400 EMU TEST REGRESS HISTORY Thu Jan 30 06:43:31 2003
+-------------------------------------------------------------------------------------------
-----------------------------------+
+ No  Test Name                                          Emu Time Sync  Status
LastPass FailReason          MostRecentPath +
+-------------------------------------------------------------------------------------------
-----------------------------------+
    1 r400sc_rts_01                                     00:00:27 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_rts_01

    2 r400sc_rts_02                                     00:00:23 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_rts_02

    3 r400sc_rts_09                                     00:00:25 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_rts_09

    4 r400sc_rts_10                                     00:00:25 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_rts_10

    5 r400sc_rts_11                                     00:00:43 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_rts_11

    6 r400sc_rts_12                                     00:00:49 mkelly FAIL
 compare mismatch **
    7 r400sc_rts_18                                     00:04:27 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_rts_18

    8 r400sc_rts_fc_09                                  00:00:12 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_rts_fc_09

    9 r400sc_pinwheel_03                                00:01:32 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_pinwheel_03

   10 r400sc_pkr_row_wrap_disable_rts_01                00:00:28 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_pkr_row_wrap_disable_rts_01

   11 r400sc_vtx_and_pix_pipe_disable_combos_05         00:04:51 mkelly FAIL
 compare mismatch **
   12 r400sc_vtx_pipe_disable_0101_01                   00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_vtx_pipe_disable_0101_01

   13 r400sc_vtx_pipe_disable_0100_01                   00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_vtx_pipe_disable_0100_01

   14 r400sc_vtx_and_pix_pipe_disable_rnd_combos_01     00:00:47 mkelly PASS    mkelly
```

```
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_vtx_and_pix_pipe_disable_rnd_com
bos_01
   15 r400sc_vtx_and_pix_pipe_disable_rnd_combos_02      00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_vtx_and_pix_pipe_disable_rnd_com
bos_02
   16 r400sc_vtx_pipe_disable_combos_01                  00:00:45 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_vtx_pipe_disable_combos_01

   17 r400sc_vtx_and_pix_pipe_disable_combos_01          00:00:47 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_vtx_and_pix_pipe_disable_combos_
01
   18 r400sc_pix_pipe_disable_combos_01                  00:00:44 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_pix_pipe_disable_combos_01

   19 r400sc_vtx_pipe_disable_combos_02                  00:00:22 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_vtx_pipe_disable_combos_02

   20 r400sc_vtx_and_pix_pipe_disable_combos_02          00:00:26 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_vtx_and_pix_pipe_disable_combos_
02
   21 r400sc_pix_pipe_disable_combos_02                  00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_pix_pipe_disable_combos_02

   22 r400sc_vtx_pipe_disable_combos_03                  00:00:28 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_vtx_pipe_disable_combos_03

   23 r400sc_vtx_and_pix_pipe_disable_combos_03          00:00:34 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_vtx_and_pix_pipe_disable_combos_
03
   24 r400sc_vtx_and_pix_pipe_disable_combos_04          00:08:54 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_vtx_and_pix_pipe_disable_combos_
04
   25 r400sc_pix_pipe_disable_combos_03                  00:00:33 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_pix_pipe_disable_combos_03

   26 r400sc_centers_and_centroids_state_switching_01    00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_centers_and_centroids_state_swit
ching_01
   27 r400sc_msaa_8_simple_triangle_01                   00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_msaa_8_simple_triangle_01

   28 r400sc_viz_query_02                                00:00:21 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_viz_query_02

   29 r400sc_pipe_disable_v0_p0_01                       00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_pipe_disable_v0_p0_01

   30 r400sc_pipe_disable_v01_p01_01                     00:00:11 mkelly PASS    mkelly
```

\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_pipe_disable_v01_p01_01

31 r400sc_pipe_disable_v2_p2_01 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_pipe_disable_v2_p2_01

32 r400sc_pipe_disable_v02_p02_01 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_pipe_disable_v02_p02_01

33 r400sc_pipe_disable_v12_p12_01 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_pipe_disable_v12_p12_01

34 r400sc_pipe_disable_v012_p012_01 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_pipe_disable_v012_p012_01

35 r400sc_pipe_disable_v3_p3_01 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_pipe_disable_v3_p3_01

36 r400sc_pipe_disable_v03_p03_01 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_pipe_disable_v03_p03_01

37 r400sc_pipe_disable_v13_p13_01 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_pipe_disable_v13_p13_01

38 r400sc_pipe_disable_v013_p013_01 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_pipe_disable_v013_p013_01

39 r400sc_pipe_disable_v23_p23_01 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_pipe_disable_v23_p23_01

40 r400sc_pipe_disable_v023_p023_01 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_pipe_disable_v023_p023_01

41 r400sc_pipe_disable_v123_p123_01 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_pipe_disable_v123_p123_01

42 r400sc_simple_register_indirect 00:00:08 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_simple_register_indirect

43 r400sc_simple_triangle_01 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_simple_triangle_01

44 r400sc_fifo_sizing_01 00:00:19 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_fifo_sizing_01

45 r400sc_clip_vtx_reorder_01 00:00:32 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_clip_vtx_reorder_01

46 r400sc_pipes_2_3_disabled_01 00:00:15 mkelly PASS mkelly

\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_pipes_2_3_disabled_01

47 r400sc_pkr_row_wrap_disable_01 00:00:24 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_pkr_row_wrap_disable_01

48 r400sc_pkr_row_wrap_disable_02 00:01:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_pkr_row_wrap_disable_02

49 r400sc_pkr_row_wrap_disable_03 00:01:27 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_pkr_row_wrap_disable_03

50 r400sc_pkr_row_wrap_disable_04 00:01:25 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_pkr_row_wrap_disable_04

51 r400sc_pkr_row_wrap_disable_05 00:01:54 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_pkr_row_wrap_disable_05

52 r400sc_quad_order_enable_01 00:00:15 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_quad_order_enable_01

53 r400sc_one_quad_per_clock_enable_01 00:00:15 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_one_quad_per_clock_enable_01

54 r400sc_pix_pipes_2_3_disabled_01 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_pix_pipes_2_3_disabled_01

55 r400sc_persp_corr_disable_01 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_persp_corr_disable_01

56 r400sc_max_line_width_01 00:00:46 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_max_line_width_01

57 r400sc_max_line_width_02 00:00:46 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_max_line_width_02

58 r400sc_hw_coords_01 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_hw_coords_01

59 r400sc_hw_coords_02 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_hw_coords_02

60 r400sc_hw_coords_03 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_hw_coords_03

61 r400sc_hw_coords_04 00:00:15 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_hw_coords_04

62 r400sc_hw_coords_05 00:00:28 mkelly PASS mkelly

```
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_hw_coords_05

   63 r400sc_baryc_01                                  00:00:23 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_baryc_01

   64 r400sc_baryc_02                                  00:00:12 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_baryc_02

   65 r400sc_bres_cntl_01                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_bres_cntl_01

   66 r400sc_bres_cntl_02                              00:00:21 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_bres_cntl_02

   67 r400sc_bres_cntl_03                              00:00:21 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_bres_cntl_03

   68 r400sc_bres_cntl_04                              00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_bres_cntl_04

   69 r400sc_bres_cntl_w2k_01                          00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_bres_cntl_w2k_01

   70 r400sc_bres_cntl_w9x_01                          00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_bres_cntl_w9x_01

   71 r400sc_clip_rect_01                              00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_clip_rect_01

   72 r400sc_clip_rect_02                              00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_clip_rect_02

   73 r400sc_clip_rect_03                              00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_clip_rect_03

   74 r400sc_clip_rect_04                              00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_clip_rect_04

   75 r400sc_clip_rect_fc_01                           00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_clip_rect_fc_01

   76 r400sc_clipped_triangle_polymode_line_stippled_01  00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_clipped_triangle_polymode_line_s
tippled_01
   77 r400sc_diamond_exit_01                           00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_diamond_exit_01

   78 r400sc_diamond_exit_02                           00:00:11 mkelly PASS    mkelly
```

\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_diamond_exit_02

79 r400sc_diamond_exit_03 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_diamond_exit_03

80 r400sc_diamond_exit_04 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_diamond_exit_04

81 r400sc_diamond_exit_05 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_diamond_exit_05

82 r400sc_jss_1x1_primtypes_01 00:00:14 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_jss_1x1_primtypes_01

83 r400sc_jss_1x2_01 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_jss_1x2_01

84 r400sc_jss_1x2_02 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_jss_1x2_02

85 r400sc_jss_1x2_primtypes_01 00:00:14 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_jss_1x2_primtypes_01

86 r400sc_jss_1x3_01 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_jss_1x3_01

87 r400sc_jss_1x3_02 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_jss_1x3_02

88 r400sc_jss_1x3_primtypes_01 00:00:14 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_jss_1x3_primtypes_01

89 r400sc_jss_1x4_01 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_jss_1x4_01

90 r400sc_jss_1x4_02 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_jss_1x4_02

91 r400sc_jss_1x4_primtypes_01 00:00:15 mkelly PASS mkelly
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92 r400sc_jss_2x1_01 00:00:11 mkelly PASS mkelly
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93 r400sc_jss_2x1_02 00:00:11 mkelly PASS mkelly
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94 r400sc_jss_2x1_primtypes_01 00:00:14 mkelly PASS mkelly

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   95 r400sc_jss_2x2_01                                00:00:11 mkelly PASS    mkelly
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   98 r400sc_jss_2x3_01                                00:00:11 mkelly PASS    mkelly
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   99 r400sc_jss_2x3_02                                00:00:13 mkelly PASS    mkelly
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  103 r400sc_jss_2x4_primtypes_01                      00:00:14 mkelly PASS    mkelly
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  104 r400sc_jss_3x1_01                                00:00:11 mkelly PASS    mkelly
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  105 r400sc_jss_3x1_02                                00:00:12 mkelly PASS    mkelly
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  106 r400sc_jss_3x1_primtypes_01                      00:00:14 mkelly PASS    mkelly
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  107 r400sc_jss_3x2_01                                00:00:11 mkelly PASS    mkelly
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  110 r400sc_jss_3x3_01                                00:00:11 mkelly PASS    mkelly
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  114 r400sc_jss_3x4_02                                00:00:11 mkelly PASS    mkelly
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  115 r400sc_jss_3x4_03                                00:00:16 mkelly PASS    mkelly
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  116 r400sc_jss_3x4_primtypes_01                      00:00:14 mkelly PASS    mkelly
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  117 r400sc_jss_4x1_01                                00:00:10 mkelly PASS    mkelly
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  120 r400sc_jss_4x2_01                                00:00:11 mkelly PASS    mkelly
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  131 r400sc_jss_4x4_fc_01                             00:00:11 mkelly PASS    mkelly
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  133 r400sc_jss_4x4_max_dist_01                       00:00:10 mkelly PASS    mkelly
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  134 r400sc_jss_4x4_primtypes_01                      00:00:14 mkelly PASS    mkelly
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  135 r400sc_line_dx10_eq_0_01                         00:00:10 mkelly PASS    mkelly
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  137 r400sc_line_dx10_lt_0_01                         00:00:10 mkelly PASS    mkelly
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  138 r400sc_line_dy10_eq_0_01                         00:00:10 mkelly PASS    mkelly
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  139 r400sc_line_dy10_ge_0_01                         00:00:11 mkelly PASS    mkelly
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  140 r400sc_line_dy10_lt_0_01                         00:00:10 mkelly PASS    mkelly
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  141 r400sc_line_expand_width_msaa_8_01               00:00:13 mkelly PASS    mkelly
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  142 r400sc_line_expand_width_msaa_8_02               00:00:14 mkelly PASS    mkelly

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  143 r400sc_line_expand_width_msaa_8_03                 00:00:14 mkelly PASS    mkelly
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  144 r400sc_line_jss_3x4_01                             00:00:11 mkelly PASS    mkelly
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  145 r400sc_line_list_01                                00:00:10 mkelly PASS    mkelly
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  146 r400sc_line_list_02                                00:00:11 mkelly PASS    mkelly
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  147 r400sc_line_list_03                                00:00:57 mkelly PASS    mkelly
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  148 r400sc_line_list_04                                00:01:05 mkelly PASS    mkelly
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  149 r400sc_line_list_05                                00:00:12 mkelly PASS    mkelly
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  150 r400sc_line_list_06                                00:00:14 mkelly PASS    mkelly
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  151 r400sc_line_list_07                                00:00:14 mkelly PASS    mkelly
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  152 r400sc_line_list_08                                00:00:13 mkelly PASS    mkelly
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  153 r400sc_line_list_09                                00:00:11 mkelly PASS    mkelly
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  154 r400sc_line_list_10                                00:00:11 mkelly PASS    mkelly
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  155 r400sc_line_list_11                                00:00:12 mkelly PASS    mkelly
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  156 r400sc_line_list_12                                00:00:12 mkelly PASS    mkelly
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  157 r400sc_line_list_13                                00:00:11 mkelly PASS    mkelly
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  158 r400sc_line_list_14                                00:00:11 mkelly PASS    mkelly
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  161 r400sc_line_list_17                                00:00:11 mkelly PASS    mkelly
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  162 r400sc_line_list_18                                00:00:12 mkelly PASS    mkelly
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  163 r400sc_line_list_concentric_circle_01              00:00:14 mkelly PASS    mkelly
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  164 r400sc_line_list_concentric_circle_02              00:00:14 mkelly PASS    mkelly
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  165 r400sc_line_list_concentric_circle_03              00:00:15 mkelly PASS    mkelly
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  166 r400sc_line_list_textured_01                       00:00:11 mkelly PASS    mkelly
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  167 r400sc_line_list_verify_st_01                      00:00:10 mkelly PASS    mkelly
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  168 r400sc_line_msaa_8_01                              00:00:11 mkelly PASS    mkelly
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  169 r400sc_line_msaa_8_textured_01                     00:00:15 mkelly PASS    mkelly
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  170 r400sc_line_msaa_8_textured_fc_01                  00:00:12 mkelly PASS    mkelly
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  171 r400sc_line_stipple_01                             00:00:11 mkelly PASS    mkelly
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175 r400sc_line_stipple_05 00:00:10 mkelly PASS mkelly
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176 r400sc_line_stipple_06 00:00:10 mkelly PASS mkelly
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177 r400sc_line_stipple_07 00:00:17 mkelly PASS mkelly
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178 r400sc_line_stipple_08 00:00:18 mkelly PASS mkelly
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179 r400sc_line_stipple_09 00:00:16 mkelly PASS mkelly
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180 r400sc_line_stipple_10 00:00:12 mkelly PASS mkelly
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181 r400sc_line_stipple_11 00:00:13 mkelly PASS mkelly
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182 r400sc_line_stipple_12 00:00:12 mkelly PASS mkelly
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183 r400sc_line_stipple_13 00:00:13 mkelly PASS mkelly
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184 r400sc_line_stipple_14 00:00:13 mkelly PASS mkelly
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185 r400sc_line_stipple_15 00:00:18 mkelly PASS mkelly
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186 r400sc_line_stipple_16 00:00:19 mkelly PASS mkelly
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187 r400sc_line_stipple_17 00:00:22 mkelly PASS mkelly
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188 r400sc_line_stipple_18 00:00:14 mkelly PASS mkelly
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189 r400sc_line_stipple_19 00:00:23 mkelly PASS mkelly
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190 r400sc_line_stipple_20 00:00:22 mkelly PASS mkelly

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191 r400sc_line_stipple_21 00:00:22 mkelly PASS mkelly
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192 r400sc_line_stipple_22 00:00:21 mkelly PASS mkelly
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193 r400sc_line_stipple_23 00:00:22 mkelly PASS mkelly
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194 r400sc_line_stipple_fc_08 00:00:11 mkelly PASS mkelly
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195 r400sc_line_strip_stipple_01 00:00:11 mkelly PASS mkelly
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196 r400sc_msaa_1_01 00:00:15 mkelly PASS mkelly
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197 r400sc_msaa_1_primtypes_01 00:00:12 mkelly PASS mkelly
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198 r400sc_msaa_1_rectangle_list_01 00:00:10 mkelly PASS mkelly
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199 r400sc_msaa_1_rectangle_list_02 00:00:10 mkelly PASS mkelly
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200 r400sc_msaa_1_rectangle_list_03 00:00:11 mkelly PASS mkelly
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201 r400sc_msaa_1_rectangle_list_04 00:00:10 mkelly PASS mkelly
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202 r400sc_msaa_1_rectangle_list_05 00:00:10 mkelly PASS mkelly
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203 r400sc_msaa_1_rectangle_list_06 00:00:10 mkelly PASS mkelly
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204 r400sc_msaa_1_rectangle_list_07 00:00:10 mkelly PASS mkelly
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205 r400sc_msaa_1_rectangle_list_08 00:00:11 mkelly PASS mkelly
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206 r400sc_msaa_1_zbuffer_rectangle_list_01 00:00:10 mkelly PASS mkelly

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207 r400sc_msaa_1_zbuffer_rectangle_list_02 00:00:11 mkelly PASS mkelly
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208 r400sc_msaa_2_primtypes_01 00:00:13 mkelly PASS mkelly
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209 r400sc_msaa_2_rectangle_list_01 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_msaa_2_rectangle_list_01

210 r400sc_msaa_2_rectangle_list_02 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_msaa_2_rectangle_list_02

211 r400sc_msaa_2_rectangle_list_03 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_msaa_2_rectangle_list_03

212 r400sc_msaa_2_rectangle_list_04 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_msaa_2_rectangle_list_04

213 r400sc_msaa_2_rectangle_list_05 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_msaa_2_rectangle_list_05

214 r400sc_msaa_2_rectangle_list_06 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_msaa_2_rectangle_list_06

215 r400sc_msaa_2_rectangle_list_07 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_msaa_2_rectangle_list_07

216 r400sc_msaa_2_rectangle_list_08 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_msaa_2_rectangle_list_08

217 r400sc_msaa_2_zbuffer_rectangle_list_01 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_msaa_2_zbuffer_rectangle_list_01

218 r400sc_msaa_2_zbuffer_rectangle_list_02 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_msaa_2_zbuffer_rectangle_list_02

219 r400sc_msaa_3_primtypes_01 00:00:13 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_msaa_3_primtypes_01

220 r400sc_msaa_3_rectangle_list_01 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_msaa_3_rectangle_list_01

221 r400sc_msaa_3_rectangle_list_02 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_msaa_3_rectangle_list_02

222 r400sc_msaa_3_rectangle_list_03 00:00:10 mkelly PASS mkelly

\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_msaa_3_rectangle_list_03

223 r400sc_msaa_3_rectangle_list_04 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_msaa_3_rectangle_list_04

224 r400sc_msaa_3_rectangle_list_05 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_msaa_3_rectangle_list_05

225 r400sc_msaa_3_rectangle_list_06 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_msaa_3_rectangle_list_06

226 r400sc_msaa_3_rectangle_list_07 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_msaa_3_rectangle_list_07

227 r400sc_msaa_3_rectangle_list_08 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_msaa_3_rectangle_list_08

228 r400sc_msaa_3_zbuffer_rectangle_list_01 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_msaa_3_zbuffer_rectangle_list_01

229 r400sc_msaa_3_zbuffer_rectangle_list_02 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_msaa_3_zbuffer_rectangle_list_02

230 r400sc_msaa_4_01 00:00:14 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_msaa_4_01

231 r400sc_msaa_4_primtypes_01 00:00:13 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_msaa_4_primtypes_01

232 r400sc_msaa_4_rectangle_list_01 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_msaa_4_rectangle_list_01

233 r400sc_msaa_4_rectangle_list_02 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_msaa_4_rectangle_list_02

234 r400sc_msaa_4_rectangle_list_03 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_msaa_4_rectangle_list_03

235 r400sc_msaa_4_rectangle_list_04 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_msaa_4_rectangle_list_04

236 r400sc_msaa_4_rectangle_list_05 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_msaa_4_rectangle_list_05

237 r400sc_msaa_4_rectangle_list_06 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_msaa_4_rectangle_list_06

238 r400sc_msaa_4_rectangle_list_07 00:00:10 mkelly PASS mkelly

\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_msaa_4_rectangle_list_07

239 r400sc_msaa_4_rectangle_list_08 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_msaa_4_rectangle_list_08

240 r400sc_msaa_4_zbuffer_rectangle_list_01 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_msaa_4_zbuffer_rectangle_list_01

241 r400sc_msaa_4_zbuffer_rectangle_list_02 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_msaa_4_zbuffer_rectangle_list_02

242 r400sc_msaa_6_01 00:00:15 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_msaa_6_01

243 r400sc_msaa_6_primtypes_01 00:00:14 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_msaa_6_primtypes_01

244 r400sc_msaa_6_rectangle_list_01 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_msaa_6_rectangle_list_01

245 r400sc_msaa_6_rectangle_list_02 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_msaa_6_rectangle_list_02

246 r400sc_msaa_6_rectangle_list_03 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_msaa_6_rectangle_list_03

247 r400sc_msaa_6_rectangle_list_04 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_msaa_6_rectangle_list_04

248 r400sc_msaa_6_rectangle_list_05 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_msaa_6_rectangle_list_05

249 r400sc_msaa_6_rectangle_list_06 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_msaa_6_rectangle_list_06

250 r400sc_msaa_6_rectangle_list_07 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_msaa_6_rectangle_list_07

251 r400sc_msaa_6_rectangle_list_08 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_msaa_6_rectangle_list_08

252 r400sc_msaa_6_zbuffer_rectangle_list_01 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_msaa_6_zbuffer_rectangle_list_01

253 r400sc_msaa_6_zbuffer_rectangle_list_02 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_msaa_6_zbuffer_rectangle_list_02

254 r400sc_msaa_8_01 00:00:14 mkelly PASS mkelly

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                    \\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_msaa_8_01

  255 r400sc_msaa_8_02                                00:00:10 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_msaa_8_02

  256 r400sc_msaa_8_03                                00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_msaa_8_03

  257 r400sc_msaa_8_04                                00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_msaa_8_04

  258 r400sc_msaa_8_05                                00:00:10 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_msaa_8_05

  259 r400sc_msaa_8_aa_mask_01                        00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_msaa_8_aa_mask_01

  260 r400sc_msaa_8_aa_mask_02                        00:00:28 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_msaa_8_aa_mask_02

  261 r400sc_msaa_8_aa_mask_fc_02                     00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_msaa_8_aa_mask_fc_02

  262 r400sc_msaa_8_primtypes_01                      00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_msaa_8_primtypes_01

  263 r400sc_msaa_8_rectangle_list_01                 00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_msaa_8_rectangle_list_01

  264 r400sc_msaa_8_rectangle_list_02                 00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_msaa_8_rectangle_list_02

  265 r400sc_msaa_8_rectangle_list_03                 00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_msaa_8_rectangle_list_03

  266 r400sc_msaa_8_rectangle_list_04                 00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_msaa_8_rectangle_list_04

  267 r400sc_msaa_8_rectangle_list_05                 00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_msaa_8_rectangle_list_05

  268 r400sc_msaa_8_rectangle_list_06                 00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_msaa_8_rectangle_list_06

  269 r400sc_msaa_8_rectangle_list_07                 00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_msaa_8_rectangle_list_07

  270 r400sc_msaa_8_rectangle_list_08                 00:00:10 mkelly PASS    mkelly
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\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_msaa_8_rectangle_list_08

271 r400sc_msaa_8_zbuffer_rectangle_list_01 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_msaa_8_zbuffer_rectangle_list_01

272 r400sc_msaa_8_zbuffer_rectangle_list_02 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_msaa_8_zbuffer_rectangle_list_02

273 r400sc_null_triangles_01 00:00:14 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_null_triangles_01

274 r400sc_null_triangles_fc_01 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_null_triangles_fc_01

275 r400sc_packed_color_01 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_packed_color_01

276 r400sc_perf_01 00:00:15 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_perf_01

277 r400sc_perf_02 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_perf_02

278 r400sc_perf_03 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_perf_03

279 r400sc_pinwheel_01 00:00:18 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_pinwheel_01

280 r400sc_pinwheel_02 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_pinwheel_02

281 r400sc_point_jss_3x4_01 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_point_jss_3x4_01

282 r400sc_point_list_01 00:00:26 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_point_list_01

283 r400sc_point_list_02 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_point_list_02

284 r400sc_point_list_03 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_point_list_03

285 r400sc_point_list_04 00:00:25 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_point_list_04

286 r400sc_point_list_05 00:00:11 mkelly PASS mkelly

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\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_point_list_05

  287 r400sc_point_list_06                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_point_list_06

  288 r400sc_point_list_07                              00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_point_list_07

  289 r400sc_point_list_08                              00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_point_list_08

  290 r400sc_point_list_09                              00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_point_list_09

  291 r400sc_point_msaa_8_01                            00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_point_msaa_8_01

  292 r400sc_poly_offset_01                             00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_poly_offset_01

  293 r400sc_poly_offset_02                             00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_poly_offset_02

  294 r400sc_poly_offset_03                             00:00:56 mkelly FAIL
 compare mismatch **
  295 r400sc_poly_offset_04                             00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_poly_offset_04

  296 r400sc_poly_offset_05                             00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_poly_offset_05

  297 r400sc_poly_offset_06                             00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_poly_offset_06

  298 r400sc_poly_offset_07                             00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_poly_offset_07

  299 r400sc_poly_offset_08                             00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_poly_offset_08

  300 r400sc_poly_offset_09                             00:00:58 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_poly_offset_09

  301 r400sc_poly_offset_10                             00:00:56 mkelly FAIL
 gold or cmp file mis
  302 r400sc_poly_offset_fc_01                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_poly_offset_fc_01
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  303 r400sc_polygon_stipple_01                          00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_polygon_stipple_01

  304 r400sc_polymode_tri_fill_01                        00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_polymode_tri_fill_01

  305 r400sc_prsp_byc_intrp_ref_pix_01                   00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_prsp_byc_intrp_ref_pix_01

  306 r400sc_prsp_byc_intrp_ref_pix_02                   00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_prsp_byc_intrp_ref_pix_02

  307 r400sc_prsp_byc_intrp_ref_pix_03                   00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_prsp_byc_intrp_ref_pix_03

  308 r400sc_prsp_byc_intrp_ref_pix_04                   00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_prsp_byc_intrp_ref_pix_04

  309 r400sc_prsp_byc_intrp_ref_pix_05                   00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_prsp_byc_intrp_ref_pix_05

  310 r400sc_prsp_byc_intrp_ref_pix_06                   00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_prsp_byc_intrp_ref_pix_06

  311 r400sc_prsp_byc_intrp_ref_pix_07                   00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_prsp_byc_intrp_ref_pix_07

  312 r400sc_prsp_byc_intrp_ref_pix_08                   00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_prsp_byc_intrp_ref_pix_08

  313 r400sc_raster_fill_rule_01                         00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_raster_fill_rule_01

  314 r400sc_raster_fill_rule_02                         00:00:46 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_raster_fill_rule_02

  315 r400sc_raster_fill_rule_03                         00:00:33 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_raster_fill_rule_03

  316 r400sc_raster_fill_rule_04                         00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_raster_fill_rule_04

  317 r400sc_raster_fill_rule_05                         00:00:22 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_raster_fill_rule_05

  318 r400sc_raster_fill_rule_06                         00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_raster_fill_rule_06
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  319 r400sc_raster_fill_rule_07                          00:00:26 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_raster_fill_rule_07

  320 r400sc_raster_fill_rule_08                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_raster_fill_rule_08

  321 r400sc_raster_fill_rule_09                          00:00:26 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_raster_fill_rule_09

  322 r400sc_raster_fill_rule_10                          00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_raster_fill_rule_10

  323 r400sc_raster_fill_rule_11                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_raster_fill_rule_11

  324 r400sc_raster_fill_rule_12                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_raster_fill_rule_12

  325 r400sc_raster_fill_rule_13                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_raster_fill_rule_13

  326 r400sc_raster_fill_rule_14                          00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_raster_fill_rule_14

  327 r400sc_raster_fill_rule_15                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_raster_fill_rule_15

  328 r400sc_raster_fill_rule_16                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_raster_fill_rule_16

  329 r400sc_raster_fill_rule_17                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_raster_fill_rule_17

  330 r400sc_raster_fill_rule_18                          00:00:22 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_raster_fill_rule_18

  331 r400sc_raster_fill_rule_19                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_raster_fill_rule_19

  332 r400sc_raster_fill_rule_20                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_raster_fill_rule_20

  333 r400sc_raster_fill_rule_21                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_raster_fill_rule_21

  334 r400sc_raster_fill_rule_22                          00:00:22 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_raster_fill_rule_22
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  335 r400sc_raster_fill_rule_23                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_raster_fill_rule_23

  336 r400sc_raster_fill_rule_24                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_raster_fill_rule_24

  337 r400sc_raster_fill_rule_25                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_raster_fill_rule_25

  338 r400sc_raster_fill_rule_26                          00:00:22 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_raster_fill_rule_26

  339 r400sc_raster_fill_rule_fc_01                       00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_raster_fill_rule_fc_01

  340 r400sc_rbbm_reg_read                                00:00:06 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_rbbm_reg_read

  341 r400sc_rectangle_list_01                            00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_rectangle_list_01

  342 r400sc_rectangle_list_02                            00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_rectangle_list_02

  343 r400sc_rectangle_list_03                            00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_rectangle_list_03

  344 r400sc_rectangle_list_04                            00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_rectangle_list_04

  345 r400sc_rectangle_list_05                            00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_rectangle_list_05

  346 r400sc_rectangle_list_06                            00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_rectangle_list_06

  347 r400sc_rectangle_list_07                            00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_rectangle_list_07

  348 r400sc_rectangle_list_08                            00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_rectangle_list_08

  349 r400sc_scissor_rect_01                              00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_scissor_rect_01

  350 r400sc_scissor_rect_02                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_scissor_rect_02
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  351 r400sc_scissor_rect_03                          00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_scissor_rect_03

  352 r400sc_scissor_rect_04                          00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_scissor_rect_04

  353 r400sc_scissor_rect_05                          00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_scissor_rect_05

  354 r400sc_scissor_rect_fc_01                       00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_scissor_rect_fc_01

  355 r400sc_set_state_01                             00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_set_state_01

  356 r400sc_sp_sample_cntl_01                        00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_sp_sample_cntl_01

  357 r400sc_sp_sample_cntl_02                        00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_sp_sample_cntl_02

  358 r400sc_sp_sample_cntl_03                        00:00:31 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_sp_sample_cntl_03

  359 r400sc_sp_sample_cntl_04                        00:00:31 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_sp_sample_cntl_04

  360 r400sc_sp_sample_cntl_05                        00:00:28 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_sp_sample_cntl_05

  361 r400sc_sp_sample_cntl_06                        00:00:30 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_sp_sample_cntl_06

  362 r400sc_sp_sample_cntl_07                        00:00:28 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_sp_sample_cntl_07

  363 r400sc_sp_sample_cntl_08                        00:00:27 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_sp_sample_cntl_08

  364 r400sc_sp_sample_cntl_09                        00:00:13 mkelly FAIL
 gold or cmp file mis
  365 r400sc_sp_sample_cntl_10                        00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_sp_sample_cntl_10

  366 r400sc_sp_sample_cntl_fc_03                     00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_sp_sample_cntl_fc_03

  367 r400sc_sp_sample_cntl_fc_05                     00:00:11 mkelly PASS    mkelly
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\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_sp_sample_cntl_fc_05

  368 r400sc_tri_16_par_64_dwords_01                    00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_tri_16_par_64_dwords_01

  369 r400sc_tri_8textures_01                           00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_tri_8textures_01

  370 r400sc_tri_8textures_02                           00:00:24 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_tri_8textures_02

  371 r400sc_tri_walk_start_vertex_01                   00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_tri_walk_start_vertex_01

  372 r400sc_tri_walk_start_vertex_02                   00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_tri_walk_start_vertex_02

  373 r400sc_tri_walk_start_vertex_03                   00:00:19 mkelly FAIL
 compare mismatch **
  374 r400sc_tri_walk_start_vertex_04                   00:00:19 mkelly FAIL
 compare mismatch **
  375 r400sc_tri_walk_start_vertex_05                   00:00:19 mkelly FAIL
 compare mismatch **
  376 r400sc_tri_walk_start_vertex_06                   00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_tri_walk_start_vertex_06

  377 r400sc_tri_walk_start_vertex_07                   00:00:19 mkelly FAIL
 compare mismatch **
  378 r400sc_tri_walk_start_vertex_08                   00:00:19 mkelly FAIL
 compare mismatch **
  379 r400sc_tri_walk_start_vertex_09                   00:00:19 mkelly FAIL
 compare mismatch **
  380 r400sc_tri_walk_start_vertex_10                   00:00:19 mkelly FAIL
 compare mismatch **
  381 r400sc_tri_walk_start_vertex_11                   00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_tri_walk_start_vertex_11

  382 r400sc_tri_walk_start_vertex_12                   00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_tri_walk_start_vertex_12

  383 r400sc_tri_walk_start_vertex_13                   00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_tri_walk_start_vertex_13

  384 r400sc_tri_walk_start_vertex_14                   00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_tri_walk_start_vertex_14

  385 r400sc_tri_walk_start_vertex_15                   00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_tri_walk_start_vertex_15
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  386 r400sc_tri_walk_start_vertex_16                    00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_tri_walk_start_vertex_16

  387 r400sc_triangle_stipple_01                         00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_triangle_stipple_01

  388 r400sc_window_offset_01                            00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_window_offset_01

  389 r400sc_window_offset_02                            00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_window_offset_02

  390 r400sc_window_offset_03                            00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_window_offset_03

  391 r400sc_window_offset_04                            00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_window_offset_04

  392 r400sc_window_offset_05                            00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_window_offset_05

  393 r400sc_window_offset_fc_01                         00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_window_offset_fc_01

  394 r400sc_window_scis_01                              00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_window_scis_01

  395 r400sc_zbuffer_line_list_01                        00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_zbuffer_line_list_01

  396 r400sc_zbuffer_point_list_01                       00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_zbuffer_point_list_01

  397 r400sc_zbuffer_rectangle_list_01                   00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_zbuffer_rectangle_list_01

  398 r400sc_zbuffer_rectangle_list_02                   00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_zbuffer_rectangle_list_02

  399 r400sc_zbuffer_rectangle_list_fc_02                00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_zbuffer_rectangle_list_fc_02

  400 r400sc_zbuffer_triangle_list_01                    00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sc_zbuffer_triangle_list_01

  401 r400cl_clip_vertex_reorder_01                      00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_clip_vertex_reorder_01
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  402 r400cl_gband_variations_01                          00:00:34 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_gband_variations_01

  403 r400cl_gband_variations_infNan_01                   00:00:28 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_gband_variations_infNan_01

  404 r400cl_nan_kill_combo_01                            00:01:24 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_nan_kill_combo_01

  405 r400cl_triangle_plane_01                            00:00:32 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_triangle_plane_01

  406 r400cl_edgeflags_lineFill_gband_01                  00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_edgeflags_lineFill_gband_01

  407 r400cl_edgeflags_lineFill_gband_02                  00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_edgeflags_lineFill_gband_02

  408 r400cl_edgeflags_lineFill_gband_03                  00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_edgeflags_lineFill_gband_03

  409 r400cl_edgeflags_lineFill_gband_04                  00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_edgeflags_lineFill_gband_04

  410 r400cl_edgeflags_lineFill_gband_05                  00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_edgeflags_lineFill_gband_05

  411 r400cl_edgeflags_lineFill_gband_horzClip_06         00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_edgeflags_lineFill_gband_horzCli
p_06
  412 r400cl_edgeflags_lineFill_gband_vertClip_06         00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_edgeflags_lineFill_gband_vertCli
p_06
  413 r400cl_edgeflags_lineFill_gband_07                  00:00:32 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_edgeflags_lineFill_gband_07

  414 r400cl_edgeflags_pointFill_gband_01                 00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_edgeflags_pointFill_gband_01

  415 r400cl_edgeflags_pointFill_gband_02                 00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_edgeflags_pointFill_gband_02

  416 r400cl_edgeflags_pointFill_gband_03                 00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_edgeflags_pointFill_gband_03

  417 r400cl_edgeflags_pointFill_gband_04                 00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_edgeflags_pointFill_gband_04
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  418 r400cl_edgeflags_pointFill_gband_05                00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_edgeflags_pointFill_gband_05

  419 r400cl_edgeflags_pointFill_gband_horzClip_06       00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_edgeflags_pointFill_gband_horzCl
ip_06
  420 r400cl_edgeflags_pointFill_gband_vertClip_06       00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_edgeflags_pointFill_gband_vertCl
ip_06
  421 r400cl_edgeflags_pointFill_gband_07                00:00:30 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_edgeflags_pointFill_gband_07

  422 r400cl_gband_tcl_01                                00:00:27 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_gband_tcl_01

  423 r400cl_clip_space_dx_ogl_02                        00:00:25 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_clip_space_dx_ogl_02

  424 r400cl_barycentric_clip_perspective_01             00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_barycentric_clip_perspective_01

  425 r400cl_barycentric_clip_perspective_02             00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_barycentric_clip_perspective_02

  426 r400cl_barycentric_clip_perspective_03             00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_barycentric_clip_perspective_03

  427 r400cl_barycentric_clip_perspective_04             00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_barycentric_clip_perspective_04

  428 r400cl_gband_triclip_01                            00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_gband_triclip_01

  429 r400cl_gband_point_01                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_gband_point_01

  430 r400cl_edgeflags_pointFill_01                      00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_edgeflags_pointFill_01

  431 r400cl_edgeflags_pointFill_02                      00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_edgeflags_pointFill_02

  432 r400cl_edgeflags_pointFill_03                      00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_edgeflags_pointFill_03

  433 r400cl_edgeflags_pointFill_04                      00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_edgeflags_pointFill_04
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  434 r400cl_edgeflags_pointFill_05                       00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_edgeflags_pointFill_05

  435 r400cl_edgeflags_pointFill_vertClip_06              00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_edgeflags_pointFill_vertClip_06

  436 r400cl_edgeflags_pointFill_horzClip_06              00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_edgeflags_pointFill_horzClip_06

  437 r400cl_edgeflags_pointFill_07                       00:00:30 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_edgeflags_pointFill_07

  438 r400cl_ucp_combo_quadstrip_01                       00:00:50 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_ucp_combo_quadstrip_01

  439 r400cl_ucp_combo_polygon_01                         00:00:47 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_ucp_combo_polygon_01

  440 r400cl_ucp_cube_02                                  00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_ucp_cube_02

  441 r400cl_ucp_cube_01                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_ucp_cube_01

  442 r400cl_frustum_point_01                             00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_frustum_point_01

  443 r400cl_vertex_reuse_clip_02                         00:00:55 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_vertex_reuse_clip_02

  444 r400cl_vertex_reuse_clip_03                         00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_vertex_reuse_clip_03

  445 r400cl_point_ucp_clip_mode3_cull_enable_01          00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_point_ucp_clip_mode3_cull_enable
_01
  446 r400cl_point_ucp_clip_mode3_cull_disable_01         00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_point_ucp_clip_mode3_cull_disabl
e_01
  447 r400cl_point_ucp_clip_mode2_cull_enable_01          00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_point_ucp_clip_mode2_cull_enable
_01
  448 r400cl_point_ucp_clip_mode2_cull_disable_01         00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_point_ucp_clip_mode2_cull_disabl
e_01
  449 r400cl_point_ucp_clip_mode1_cull_disable_01         00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_point_ucp_clip_mode1_cull_disabl
```

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e_01
  450 r400cl_point_ucp_clip_mode0_cull_disable_01        00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_point_ucp_clip_mode0_cull_disabl
e_01
  451 r400cl_point_gband_clip_01                         00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_point_gband_clip_01

  452 r400cl_point_frustum_clip_01                       00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_point_frustum_clip_01

  453 r400cl_point_size_ucp_combo_01                     00:00:27 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_point_size_ucp_combo_01

  454 r400cl_frustum_LR_TB_01                            00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_frustum_LR_TB_01

  455 r400cl_edgeflags_05                                00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_edgeflags_05

  456 r400cl_edgeflags_06                                00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_edgeflags_06

  457 r400cl_edgeflags_07                                00:00:31 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_edgeflags_07

  458 r400cl_cull_only_ena_02                            00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_cull_only_ena_02

  459 r400cl_cull_only_ena_03                            00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_cull_only_ena_03

  460 r400cl_barycentric_texture_01                      00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_barycentric_texture_01

  461 r400cl_clip_10_verts_01                            00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_clip_10_verts_01

  462 r400cl_clip_disable_01                             00:00:22 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_clip_disable_01

  463 r400cl_clip_space_dx_ogl_01                        00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_clip_space_dx_ogl_01

  464 r400cl_clip_ucp_6bits_01                           00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_clip_ucp_6bits_01

  465 r400cl_cull_only_ena_01                            00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_cull_only_ena_01
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  466 r400cl_edgeflags_01                                 00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_edgeflags_01

  467 r400cl_edgeflags_02                                 00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_edgeflags_02

  468 r400cl_edgeflags_03                                 00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_edgeflags_03

  469 r400cl_edgeflags_04                                 00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_edgeflags_04

  470 r400cl_edgeflags_frustum_bottom_01                  00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_edgeflags_frustum_bottom_01

  471 r400cl_edgeflags_frustum_far_01                     00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_edgeflags_frustum_far_01

  472 r400cl_edgeflags_frustum_left_01                    00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_edgeflags_frustum_left_01

  473 r400cl_edgeflags_frustum_near_01                    00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_edgeflags_frustum_near_01

  474 r400cl_edgeflags_frustum_right_01                   00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_edgeflags_frustum_right_01

  475 r400cl_edgeflags_frustum_top_01                     00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_edgeflags_frustum_top_01

  476 r400cl_edgeflags_gband_01                           00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_edgeflags_gband_01

  477 r400cl_edgeflags_gband_bottom_01                    00:00:21 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_edgeflags_gband_bottom_01

  478 r400cl_edgeflags_gband_left_01                      00:00:21 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_edgeflags_gband_left_01

  479 r400cl_edgeflags_gband_right_01                     00:00:21 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_edgeflags_gband_right_01

  480 r400cl_edgeflags_gband_top_01                       00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_edgeflags_gband_top_01

  481 r400cl_edgeflags_texture_sample_01                  00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_edgeflags_texture_sample_01
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  482 r400cl_frustum_01                                00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_frustum_01

  483 r400cl_frustum_02                                00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_frustum_02

  484 r400cl_frustum_03                                00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_frustum_03

  485 r400cl_frustum_04                                00:00:26 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_frustum_04

  486 r400cl_frustum_05                                00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_frustum_05

  487 r400cl_frustum_06                                00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_frustum_06

  488 r400cl_frustum_07                                00:00:24 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_frustum_07

  489 r400cl_frustum_08                                00:00:27 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_frustum_08

  490 r400cl_frustum_09                                00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_frustum_09

  491 r400cl_frustum_10                                00:00:24 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_frustum_10

  492 r400cl_frustum_11                                00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_frustum_11

  493 r400cl_frustum_12                                00:00:27 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_frustum_12

  494 r400cl_frustum_13                                00:00:21 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_frustum_13

  495 r400cl_frustum_14                                00:00:24 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_frustum_14

  496 r400cl_frustum_15                                00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_frustum_15

  497 r400cl_frustum_16                                00:00:25 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_frustum_16
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  498 r400cl_frustum_17                                00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_frustum_17

  499 r400cl_frustum_18                                00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_frustum_18

  500 r400cl_frustum_19                                00:00:24 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_frustum_19

  501 r400cl_frustum_20                                00:00:25 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_frustum_20

  502 r400cl_frustum_21                                00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_frustum_21

  503 r400cl_frustum_22                                00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_frustum_22

  504 r400cl_frustum_23                                00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_frustum_23

  505 r400cl_frustum_24                                00:00:26 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_frustum_24

  506 r400cl_frustum_25                                00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_frustum_25

  507 r400cl_frustum_26                                00:00:24 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_frustum_26

  508 r400cl_frustum_27                                00:00:24 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_frustum_27

  509 r400cl_frustum_28                                00:00:28 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_frustum_28

  510 r400cl_frustum_29                                00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_frustum_29

  511 r400cl_frustum_30                                00:00:24 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_frustum_30

  512 r400cl_frustum_31                                00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_frustum_31

  513 r400cl_frustum_32                                00:00:27 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_frustum_32
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  514 r400cl_frustum_33                                 00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_frustum_33

  515 r400cl_frustum_34                                 00:00:24 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_frustum_34

  516 r400cl_frustum_35                                 00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_frustum_35

  517 r400cl_frustum_36                                 00:00:27 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_frustum_36

  518 r400cl_frustum_37                                 00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_frustum_37

  519 r400cl_frustum_38                                 00:00:22 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_frustum_38

  520 r400cl_frustum_39                                 00:00:21 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_frustum_39

  521 r400cl_frustum_40                                 00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_frustum_40

  522 r400cl_frustum_41                                 00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_frustum_41

  523 r400cl_frustum_42                                 00:00:22 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_frustum_42

  524 r400cl_frustum_43                                 00:00:22 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_frustum_43

  525 r400cl_frustum_44                                 00:00:24 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_frustum_44

  526 r400cl_frustum_45                                 00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_frustum_45

  527 r400cl_frustum_46                                 00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_frustum_46

  528 r400cl_frustum_47                                 00:00:22 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_frustum_47

  529 r400cl_frustum_48                                 00:00:24 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_frustum_48
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  530 r400cl_frustum_49                                 00:00:21 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_frustum_49

  531 r400cl_frustum_50                                 00:00:22 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_frustum_50

  532 r400cl_frustum_51                                 00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_frustum_51

  533 r400cl_frustum_52                                 00:00:24 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_frustum_52

  534 r400cl_frustum_53                                 00:00:21 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_frustum_53

  535 r400cl_frustum_54                                 00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_frustum_54

  536 r400cl_frustum_55                                 00:00:23 mkelly PASS    mkelly
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  537 r400cl_frustum_56                                 00:00:24 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_frustum_56

  538 r400cl_frustum_57                                 00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_frustum_57

  539 r400cl_frustum_58                                 00:00:22 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_frustum_58

  540 r400cl_frustum_59                                 00:00:22 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_frustum_59

  541 r400cl_frustum_60                                 00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_frustum_60

  542 r400cl_frustum_61                                 00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_frustum_61

  543 r400cl_frustum_62                                 00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_frustum_62

  544 r400cl_frustum_63                                 00:00:22 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_frustum_63

  545 r400cl_frustum_64                                 00:00:24 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_frustum_64
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  546 r400cl_frustum_65                                 00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_frustum_65

  547 r400cl_frustum_66                                 00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_frustum_66

  548 r400cl_frustum_67                                 00:00:22 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_frustum_67

  549 r400cl_frustum_68                                 00:00:24 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_frustum_68

  550 r400cl_frustum_69                                 00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_frustum_69

  551 r400cl_frustum_70                                 00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_frustum_70

  552 r400cl_frustum_71                                 00:00:22 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_frustum_71

  553 r400cl_frustum_72                                 00:00:25 mkelly PASS    mkelly
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  554 r400cl_frustum_76                                 00:00:25 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_frustum_76

  555 r400cl_frustum_81                                 00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_frustum_81

  556 r400cl_frustum_86                                 00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_frustum_86

  557 r400cl_frustum_91                                 00:00:22 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_frustum_91

  558 r400cl_frustum_96                                 00:00:25 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_frustum_96

  559 r400cl_frustum_LFT_combos_01                      00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_frustum_LFT_combos_01

  560 r400cl_frustum_LFT_rotated_01                     00:00:35 mkelly FAIL
 compare mismatch **
  561 r400cl_frustum_all_vols_lines                     00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_frustum_all_vols_lines
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  562 r400cl_frustum_all_vols_tris                        00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_frustum_all_vols_tris

  563 r400cl_frustum_lines_01                             00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_frustum_lines_01

  564 r400cl_frustum_lines_02                             00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_frustum_lines_02

  565 r400cl_frustum_lines_03                             00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_frustum_lines_03

  566 r400cl_frustum_lines_04                             00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_frustum_lines_04

  567 r400cl_frustum_lines_05                             00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_frustum_lines_05

  568 r400cl_frustum_lines_06                             00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_frustum_lines_06

  569 r400cl_frustum_lines_07                             00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_frustum_lines_07

  570 r400cl_frustum_lines_08                             00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_frustum_lines_08

  571 r400cl_frustum_lines_09                             00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_frustum_lines_09

  572 r400cl_frustum_lines_10                             00:00:17 mkelly PASS    mkelly
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  573 r400cl_frustum_lines_101                            00:00:15 mkelly PASS    mkelly
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  574 r400cl_frustum_lines_102                            00:00:17 mkelly PASS    mkelly
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  575 r400cl_frustum_lines_103                            00:00:17 mkelly PASS    mkelly
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  576 r400cl_frustum_lines_104                            00:00:19 mkelly PASS    mkelly
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  577 r400cl_frustum_lines_105                            00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_frustum_lines_105
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  578 r400cl_frustum_lines_106                          00:00:17 mkelly PASS    mkelly
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  579 r400cl_frustum_lines_107                          00:00:16 mkelly PASS    mkelly
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  580 r400cl_frustum_lines_108                          00:00:19 mkelly PASS    mkelly
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  581 r400cl_frustum_lines_11                           00:00:16 mkelly PASS    mkelly
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  582 r400cl_frustum_lines_12                           00:00:19 mkelly PASS    mkelly
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  583 r400cl_frustum_lines_13                           00:00:15 mkelly PASS    mkelly
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  584 r400cl_frustum_lines_14                           00:00:17 mkelly PASS    mkelly
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  585 r400cl_frustum_lines_15                           00:00:17 mkelly PASS    mkelly
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  586 r400cl_frustum_lines_16                           00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_frustum_lines_16

  587 r400cl_frustum_lines_17                           00:00:15 mkelly PASS    mkelly
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  588 r400cl_frustum_lines_18                           00:00:17 mkelly PASS    mkelly
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  589 r400cl_frustum_lines_19                           00:00:17 mkelly PASS    mkelly
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  590 r400cl_frustum_lines_20                           00:00:19 mkelly PASS    mkelly
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  591 r400cl_frustum_lines_21                           00:00:15 mkelly PASS    mkelly
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  592 r400cl_frustum_lines_22                           00:00:16 mkelly PASS    mkelly
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  593 r400cl_frustum_lines_23                           00:00:17 mkelly PASS    mkelly
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  594 r400cl_frustum_lines_24                          00:00:19 mkelly PASS    mkelly
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  595 r400cl_frustum_lines_25                          00:00:15 mkelly PASS    mkelly
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  596 r400cl_frustum_lines_26                          00:00:17 mkelly PASS    mkelly
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  597 r400cl_frustum_lines_27                          00:00:17 mkelly PASS    mkelly
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  598 r400cl_frustum_lines_28                          00:00:18 mkelly PASS    mkelly
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  599 r400cl_frustum_lines_29                          00:00:16 mkelly PASS    mkelly
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  600 r400cl_frustum_lines_30                          00:00:17 mkelly PASS    mkelly
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  601 r400cl_frustum_lines_31                          00:00:17 mkelly PASS    mkelly
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  602 r400cl_frustum_lines_32                          00:00:19 mkelly PASS    mkelly
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  603 r400cl_frustum_lines_33                          00:00:16 mkelly PASS    mkelly
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  604 r400cl_frustum_lines_34                          00:00:17 mkelly PASS    mkelly
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  605 r400cl_frustum_lines_35                          00:00:17 mkelly PASS    mkelly
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  606 r400cl_frustum_lines_36                          00:00:19 mkelly PASS    mkelly
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  607 r400cl_frustum_lines_37                          00:00:16 mkelly PASS    mkelly
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  608 r400cl_frustum_lines_38                          00:00:17 mkelly PASS    mkelly
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  609 r400cl_frustum_lines_39                          00:00:17 mkelly PASS    mkelly
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  610 r400cl_frustum_lines_40                          00:00:18 mkelly PASS    mkelly
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  611 r400cl_frustum_lines_41                          00:00:16 mkelly PASS    mkelly
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  612 r400cl_frustum_lines_42                          00:00:17 mkelly PASS    mkelly
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  613 r400cl_frustum_lines_43                          00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_frustum_lines_43

  614 r400cl_frustum_lines_44                          00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_frustum_lines_44

  615 r400cl_frustum_lines_45                          00:00:16 mkelly PASS    mkelly
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  616 r400cl_frustum_lines_46                          00:00:17 mkelly PASS    mkelly
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  617 r400cl_frustum_lines_47                          00:00:17 mkelly PASS    mkelly
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  618 r400cl_frustum_lines_48                          00:00:18 mkelly PASS    mkelly
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  619 r400cl_frustum_lines_49                          00:00:15 mkelly PASS    mkelly
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  620 r400cl_frustum_lines_50                          00:00:17 mkelly PASS    mkelly
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  621 r400cl_frustum_lines_51                          00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_frustum_lines_51

  622 r400cl_frustum_lines_52                          00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_frustum_lines_52

  623 r400cl_frustum_lines_53                          00:00:16 mkelly PASS    mkelly
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  624 r400cl_frustum_lines_54                          00:00:17 mkelly PASS    mkelly
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  625 r400cl_frustum_lines_55                          00:00:17 mkelly PASS    mkelly
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626 r400cl_frustum_lines_56 00:00:18 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_frustum_lines_56

627 r400cl_frustum_lines_57 00:00:15 mkelly PASS mkelly
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628 r400cl_frustum_lines_58 00:00:17 mkelly PASS mkelly
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629 r400cl_frustum_lines_59 00:00:17 mkelly PASS mkelly
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630 r400cl_frustum_lines_60 00:00:18 mkelly PASS mkelly
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631 r400cl_frustum_lines_61 00:00:16 mkelly PASS mkelly
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632 r400cl_frustum_lines_62 00:00:17 mkelly PASS mkelly
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633 r400cl_frustum_lines_63 00:00:17 mkelly PASS mkelly
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634 r400cl_frustum_lines_64 00:00:19 mkelly PASS mkelly
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635 r400cl_frustum_lines_65 00:00:15 mkelly PASS mkelly
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636 r400cl_frustum_lines_66 00:00:17 mkelly PASS mkelly
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637 r400cl_frustum_lines_67 00:00:17 mkelly PASS mkelly
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638 r400cl_frustum_lines_68 00:00:18 mkelly PASS mkelly
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639 r400cl_frustum_lines_69 00:00:15 mkelly PASS mkelly
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640 r400cl_frustum_lines_70 00:00:17 mkelly PASS mkelly
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641 r400cl_frustum_lines_71 00:00:16 mkelly PASS mkelly
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  642 r400cl_frustum_lines_72                          00:00:19 mkelly PASS    mkelly
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  643 r400cl_gband_01                                  00:00:16 mkelly PASS    mkelly
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  644 r400cl_gband_02                                  00:00:18 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_gband_02

  645 r400cl_gband_03                                  00:00:18 mkelly PASS    mkelly
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  646 r400cl_gband_04                                  00:00:17 mkelly PASS    mkelly
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  647 r400cl_gband_05                                  00:00:14 mkelly PASS    mkelly
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  648 r400cl_gband_06                                  00:00:11 mkelly PASS    mkelly
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  649 r400cl_gband_07                                  00:00:13 mkelly PASS    mkelly
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  650 r400cl_gband_08                                  00:00:14 mkelly PASS    mkelly
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  651 r400cl_gband_09                                  00:00:14 mkelly PASS    mkelly
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  652 r400cl_gband_10                                  00:00:12 mkelly PASS    mkelly
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  653 r400cl_gband_11                                  00:00:13 mkelly PASS    mkelly
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  654 r400cl_gband_12                                  00:00:13 mkelly PASS    mkelly
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  655 r400cl_gband_13                                  00:00:14 mkelly PASS    mkelly
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  656 r400cl_gband_14                                  00:00:13 mkelly PASS    mkelly
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  657 r400cl_gband_15                                  00:00:13 mkelly PASS    mkelly
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658 r400cl_gband_16                                  00:00:13 mkelly PASS    mkelly
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659 r400cl_gband_17                                  00:00:13 mkelly PASS    mkelly
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660 r400cl_gband_18                                  00:00:13 mkelly PASS    mkelly
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661 r400cl_gband_19                                  00:00:13 mkelly PASS    mkelly
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662 r400cl_gband_20                                  00:00:13 mkelly PASS    mkelly
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663 r400cl_gband_21                                  00:00:12 mkelly PASS    mkelly
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664 r400cl_gband_22                                  00:00:12 mkelly PASS    mkelly
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665 r400cl_gband_23                                  00:00:18 mkelly PASS    mkelly
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666 r400cl_gband_24                                  00:00:18 mkelly PASS    mkelly
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667 r400cl_gband_25                                  00:00:17 mkelly PASS    mkelly
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668 r400cl_gband_26                                  00:00:14 mkelly PASS    mkelly
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669 r400cl_gband_27                                  00:00:16 mkelly PASS    mkelly
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670 r400cl_gband_28                                  00:00:16 mkelly PASS    mkelly
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671 r400cl_gband_29                                  00:00:15 mkelly PASS    mkelly
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672 r400cl_gband_30                                  00:00:13 mkelly PASS    mkelly
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673 r400cl_gband_31                                  00:00:13 mkelly PASS    mkelly
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  674 r400cl_gband_32                                  00:00:12 mkelly PASS    mkelly
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  675 r400cl_gband_33                                  00:00:14 mkelly PASS    mkelly
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  676 r400cl_gband_34                                  00:00:14 mkelly PASS    mkelly
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  677 r400cl_gband_35                                  00:00:13 mkelly PASS    mkelly
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  678 r400cl_gband_36                                  00:00:13 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_gband_36

  679 r400cl_nan_kill_01                               00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_nan_kill_01

  680 r400cl_point_ucp_combos_01                       00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_point_ucp_combos_01

  681 r400cl_pointlist_vertex_state_ucp_01             00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_pointlist_vertex_state_ucp_01

  682 r400cl_polymode_line_fill_01                     00:00:10 mkelly PASS    mkelly
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  683 r400cl_simple_triangle_01                        00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_simple_triangle_01

  684 r400cl_tri_polymode_line_stipple_ucp_combos_01   00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_tri_polymode_line_stipple_ucp_co
mbos_01
  685 r400cl_tri_polymode_line_ucp_combos_01           00:00:14 mkelly PASS    mkelly
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  686 r400cl_triangle_polymode_line_stippled_01        00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_triangle_polymode_line_stippled_
01
  687 r400cl_ucp_combos_01                             00:00:54 mkelly PASS    mkelly
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  688 r400cl_ucp_combos_02                             00:00:55 mkelly PASS    mkelly
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  689 r400cl_ucp_combos_03                             00:00:55 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_ucp_combos_03
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690 r400cl_ucp_combos_04 00:00:55 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_ucp_combos_04

691 r400cl_ucp_combos_05 00:00:55 mkelly PASS mkelly
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692 r400cl_ucp_combos_06 00:00:55 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_ucp_combos_06

693 r400cl_ucp_combos_07 00:00:55 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_ucp_combos_07

694 r400cl_ucp_combos_08 00:00:53 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_ucp_combos_08

695 r400cl_ucp_combos_09 00:00:55 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_ucp_combos_09

696 r400cl_ucp_combos_10 00:00:54 mkelly PASS mkelly
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697 r400cl_ucp_combos_11 00:00:56 mkelly PASS mkelly
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698 r400cl_ucp_combos_12 00:00:55 mkelly PASS mkelly
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699 r400cl_ucp_combos_13 00:00:54 mkelly PASS mkelly
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700 r400cl_ucp_combos_14 00:00:55 mkelly PASS mkelly
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701 r400cl_ucp_combos_15 00:00:56 mkelly PASS mkelly
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702 r400cl_ucp_combos_16 00:00:55 mkelly PASS mkelly
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703 r400cl_ucp_combos_17 00:00:55 mkelly PASS mkelly
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704 r400cl_ucp_combos_18 00:00:55 mkelly PASS mkelly
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705 r400cl_ucp_combos_19 00:00:55 mkelly PASS mkelly
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706 r400cl_ucp_combos_20 00:00:55 mkelly PASS mkelly
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707 r400cl_ucp_combos_21 00:00:55 mkelly PASS mkelly
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708 r400cl_ucp_combos_22 00:00:54 mkelly PASS mkelly
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709 r400cl_ucp_combos_23 00:00:55 mkelly PASS mkelly
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710 r400cl_ucp_combos_24 00:00:55 mkelly PASS mkelly
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711 r400cl_ucp_combos_25 00:00:55 mkelly PASS mkelly
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712 r400cl_ucp_combos_26 00:00:55 mkelly PASS mkelly
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713 r400cl_ucp_combos_27 00:00:54 mkelly PASS mkelly
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714 r400cl_ucp_combos_28 00:00:55 mkelly PASS mkelly
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715 r400cl_ucp_combos_29 00:00:54 mkelly PASS mkelly
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716 r400cl_ucp_combos_30 00:00:55 mkelly PASS mkelly
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717 r400cl_ucp_combos_31 00:00:57 mkelly PASS mkelly
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718 r400cl_ucp_combos_32 00:00:55 mkelly PASS mkelly
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719 r400cl_ucp_combos_33 00:00:55 mkelly PASS mkelly
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720 r400cl_ucp_combos_34 00:00:55 mkelly PASS mkelly
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721 r400cl_ucp_combos_35 00:00:55 mkelly PASS mkelly
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  722 r400cl_ucp_combos_36                              00:00:55 mkelly PASS    mkelly
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  723 r400cl_ucp_combos_37                              00:00:55 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_ucp_combos_37

  724 r400cl_ucp_combos_38                              00:00:55 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_ucp_combos_38

  725 r400cl_ucp_combos_39                              00:00:55 mkelly PASS    mkelly
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  726 r400cl_ucp_combos_40                              00:00:55 mkelly PASS    mkelly
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  727 r400cl_ucp_combos_41                              00:00:55 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_ucp_combos_41

  728 r400cl_ucp_combos_42                              00:00:55 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_ucp_combos_42

  729 r400cl_ucp_combos_43                              00:00:55 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_ucp_combos_43

  730 r400cl_ucp_combos_44                              00:00:55 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_ucp_combos_44

  731 r400cl_ucp_combos_45                              00:00:54 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_ucp_combos_45

  732 r400cl_ucp_combos_46                              00:00:55 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_ucp_combos_46

  733 r400cl_ucp_combos_47                              00:00:54 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_ucp_combos_47

  734 r400cl_ucp_combos_48                              00:00:55 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_ucp_combos_48

  735 r400cl_ucp_combos_49                              00:00:54 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_ucp_combos_49

  736 r400cl_ucp_combos_50                              00:00:55 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_ucp_combos_50

  737 r400cl_ucp_combos_51                              00:00:55 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_ucp_combos_51
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  738 r400cl_ucp_combos_52                              00:00:55 mkelly PASS    mkelly
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  739 r400cl_ucp_combos_53                              00:00:54 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_ucp_combos_53

  740 r400cl_ucp_combos_54                              00:00:55 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_ucp_combos_54

  741 r400cl_ucp_combos_55                              00:00:55 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_ucp_combos_55

  742 r400cl_ucp_combos_56                              00:00:55 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_ucp_combos_56

  743 r400cl_ucp_combos_57                              00:00:55 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_ucp_combos_57

  744 r400cl_ucp_combos_58                              00:00:54 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_ucp_combos_58

  745 r400cl_ucp_combos_59                              00:00:54 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_ucp_combos_59

  746 r400cl_ucp_combos_60                              00:00:54 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_ucp_combos_60

  747 r400cl_ucp_combos_61                              00:00:54 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_ucp_combos_61

  748 r400cl_ucp_combos_62                              00:00:56 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_ucp_combos_62

  749 r400cl_ucp_combos_63                              00:00:55 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_ucp_combos_63

  750 r400cl_ucp_combos_64                              00:00:55 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_ucp_combos_64

  751 r400cl_ucp_pointlist_01                           00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_ucp_pointlist_01

  752 r400cl_vertex_reuse_clip_01                       00:00:51 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_vertex_reuse_clip_01

  753 r400cl_vtx_kill_01                                00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_vtx_kill_01
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  754 r400cl_vtx_kill_02                                  00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_vtx_kill_02

  755 r400cl_w_eq_0                                       00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_w_eq_0

  756 r400cl_clip_edgeflags_frustum_corners_01            00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_clip_edgeflags_frustum_corners_0
1
  757 r400cl_clip_edgeflags_frustum_corners_02            00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cl_clip_edgeflags_frustum_corners_0
2
  758 r400vgt_auto_index_line_list_01                     00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_auto_index_line_list_01

  759 r400vgt_auto_index_line_loop_01                     00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_auto_index_line_loop_01

  760 r400vgt_auto_index_line_strip_01                    00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_auto_index_line_strip_01

  761 r400vgt_auto_index_points_01                        00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_auto_index_points_01

  762 r400vgt_auto_index_polygon_01                       00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_auto_index_polygon_01

  763 r400vgt_auto_index_primtypes_01                     00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_auto_index_primtypes_01

  764 r400vgt_auto_index_quad_list_01                     00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_auto_index_quad_list_01

  765 r400vgt_auto_index_quad_strip_01                    00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_auto_index_quad_strip_01

  766 r400vgt_auto_index_rectangle_list_01                00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_auto_index_rectangle_list_01

  767 r400vgt_auto_index_tri_fan_01                       00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_auto_index_tri_fan_01

  768 r400vgt_auto_index_tri_list_01                      00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_auto_index_tri_list_01

  769 r400vgt_auto_index_tri_strip_01                     00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_auto_index_tri_strip_01
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  770 r400vgt_auto_index_tri_wflags_01                    00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_auto_index_tri_wflags_01

  771 r400vgt_debug_registers_01                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_debug_registers_01

  772 r400vgt_dma_engine_01                               00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_dma_engine_01

  773 r400vgt_dma_engine_02                               00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_dma_engine_02

  774 r400vgt_dma_engine_03                               00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_dma_engine_03

  775 r400vgt_dma_engine_04                               00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_dma_engine_04

  776 r400vgt_dma_engine_05                               00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_dma_engine_05

  777 r400vgt_dma_engine_06                               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_dma_engine_06

  778 r400vgt_dma_engine_07                               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_dma_engine_07

  779 r400vgt_dma_engine_08                               00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_dma_engine_08

  780 r400vgt_dma_engine_09                               00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_dma_engine_09

  781 r400vgt_dma_engine_10                               00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_dma_engine_10

  782 r400vgt_dma_index_line_list_01                      00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_dma_index_line_list_01

  783 r400vgt_dma_index_line_loop_01                      00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_dma_index_line_loop_01

  784 r400vgt_dma_index_line_strip_01                     00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_dma_index_line_strip_01

  785 r400vgt_dma_index_points_01                         00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_dma_index_points_01
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  786 r400vgt_dma_index_polygon_01                      00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_dma_index_polygon_01

  787 r400vgt_dma_index_primtypes_01                    00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_dma_index_primtypes_01

  788 r400vgt_dma_index_primtypes_02                    00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_dma_index_primtypes_02

  789 r400vgt_dma_index_quad_list_01                    00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_dma_index_quad_list_01

  790 r400vgt_dma_index_quad_strip_01                   00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_dma_index_quad_strip_01

  791 r400vgt_dma_index_rectangle_list_01               00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_dma_index_rectangle_list_01

  792 r400vgt_dma_index_tri_fan_01                      00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_dma_index_tri_fan_01

  793 r400vgt_dma_index_tri_list_01                     00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_dma_index_tri_list_01

  794 r400vgt_dma_index_tri_strip_01                    00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_dma_index_tri_strip_01

  795 r400vgt_dma_index_tri_wflags_01                   00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_dma_index_tri_wflags_01

  796 r400vgt_dma_swap_indx16_01                        00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_dma_swap_indx16_01

  797 r400vgt_dma_swap_indx16_agp_01                    00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_dma_swap_indx16_agp_01

  798 r400vgt_dma_swap_indx16_pci_01                    00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_dma_swap_indx16_pci_01

  799 r400vgt_dma_swap_indx32_01                        00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_dma_swap_indx32_01

  800 r400vgt_dma_swap_indx32_agp_01                    00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_dma_swap_indx32_agp_01

  801 r400vgt_dma_swap_indx32_pci_01                    00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_dma_swap_indx32_pci_01
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  802 r400vgt_draw_init_fifo_depth_01                    00:01:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_draw_init_fifo_depth_01

  803 r400vgt_edgeflags_polygon_01                       00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_edgeflags_polygon_01

  804 r400vgt_edgeflags_quad_list_01                     00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_edgeflags_quad_list_01

  805 r400vgt_edgeflags_quad_strip_01                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_edgeflags_quad_strip_01

  806 r400vgt_edgeflags_triangle_fan_01                  00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_edgeflags_triangle_fan_01

  807 r400vgt_edgeflags_triangle_list_01                 00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_edgeflags_triangle_list_01

  808 r400vgt_edgeflags_triangle_strip_01                00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_edgeflags_triangle_strip_01

  809 r400vgt_edgeflags_triangle_wflags_01               00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_edgeflags_triangle_wflags_01

  810 r400vgt_event_handling_01                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_event_handling_01

  811 r400vgt_event_handling_02                          00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_event_handling_02

  812 r400vgt_event_handling_03                          00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_event_handling_03

  813 r400vgt_event_handling_04                          00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_event_handling_04

  814 r400vgt_ext2int_index_line_list_01                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_ext2int_index_line_list_01

  815 r400vgt_ext2int_index_line_loop_01                 00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_ext2int_index_line_loop_01

  816 r400vgt_ext2int_index_line_strip_01                00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_ext2int_index_line_strip_01

  817 r400vgt_ext2int_index_points_01                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_ext2int_index_points_01
```

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  818 r400vgt_ext2int_index_polygon_01                   00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_ext2int_index_polygon_01

  819 r400vgt_ext2int_index_quad_list_01                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_ext2int_index_quad_list_01

  820 r400vgt_ext2int_index_quad_strip_01                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_ext2int_index_quad_strip_01

  821 r400vgt_ext2int_index_rectangle_list_01            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_ext2int_index_rectangle_list_01

  822 r400vgt_ext2int_index_triangle_fan_01              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_ext2int_index_triangle_fan_01

  823 r400vgt_ext2int_index_triangle_list_01             00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_ext2int_index_triangle_list_01

  824 r400vgt_ext2int_index_triangle_strip_01            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_ext2int_index_triangle_strip_01

  825 r400vgt_ext2int_index_triangle_wflags_01           00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_ext2int_index_triangle_wflags_0
1
  826 r400vgt_hos_auto_index_line_list_01                00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_hos_auto_index_line_list_01

  827 r400vgt_hos_auto_index_quad_list_01                00:01:36 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_hos_auto_index_quad_list_01

  828 r400vgt_hos_auto_index_triangle_list_01            00:01:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_hos_auto_index_triangle_list_01

  829 r400vgt_hos_cubic_pos_pnt_discrete_01              00:00:25 mkelly FAIL
 compare mismatch **
  830 r400vgt_hos_LINE_adaptive_complex                  00:00:11 mkelly FAIL
 compare mismatch **
  831 r400vgt_hos_LPatch_01                              00:00:16 mkelly FAIL
 compare mismatch **
  832 r400vgt_hos_multi_prim_reset_index_01              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_hos_multi_prim_reset_index_01

  833 r400vgt_hos_PNl_adaptive_complex                   00:00:11 mkelly FAIL
 compare mismatch **
  834 r400vgt_hos_PNL_cp_ln_cont_no_projection_01        00:00:15 mkelly FAIL
 compare mismatch **
  835 r400vgt_hos_PNL_lp_ln_cont_no_projection_01        00:00:15 mkelly FAIL
 gold or cmp file mis
```

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  836 r400vgt_hos_PNQ_adaptive_complex                    00:00:28 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_hos_PNQ_adaptive_complex

  837 r400vgt_hos_PNQ_cp_qn_cont_light_texture_01         00:02:24 mkelly FAIL
 compare mismatch **
  838 r400vgt_hos_PNQ_cp_qn_cont_light_texture_02         00:02:29 mkelly FAIL
 compare mismatch **
  839 r400vgt_hos_PNQ_cp_qn_cont_no_projection_01         00:00:50 mkelly FAIL
 compare mismatch **
  840 r400vgt_hos_PNQ_lp_cont_no_projection_01            00:00:38 mkelly FAIL
 compare mismatch **
  841 r400vgt_hos_PNT_adaptive                           00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_hos_PNT_adaptive

  842 r400vgt_hos_PNT_adaptive_complex                   00:02:03 mkelly FAIL
 compare mismatch **
  843 r400vgt_hos_PNT_cont_cp_qn_complex_01              00:02:29 mkelly FAIL
 gold or cmp file mis
  844 r400vgt_hos_PNT_cont_cp_qn_precision_01            00:00:31 mkelly FAIL
 compare mismatch **
  845 r400vgt_hos_PNT_cont_cp_qn_precision_02            00:00:43 mkelly FAIL
 compare mismatch **
  846 r400vgt_hos_PNT_cp_qn_cont_light_texture_01        00:00:50 mkelly FAIL
 gold or cmp file mis
  847 r400vgt_hos_PNT_cp_qn_cont_light_texture_02        00:00:51 mkelly FAIL
 gold or cmp file mis
  848 r400vgt_hos_PNT_cp_qn_cont_light_texture_03        00:00:53 mkelly FAIL
 gold or cmp file mis
  849 r400vgt_hos_PNT_cp_qn_cont_moving_normals_01       00:01:38 mkelly FAIL
 gold or cmp file mis
  850 r400vgt_hos_PNT_cp_qn_cont_no_projection_01        00:00:28 mkelly FAIL
 compare mismatch **
  851 r400vgt_hos_PNT_cp_qn_disc_14_04_lit_tex_proj_01   00:00:15 mkelly FAIL
 gold or cmp file mis
  852 r400vgt_hos_PNT_disc_cp_qn_complex_01              00:01:58 mkelly FAIL
 gold or cmp file mis
  853 r400vgt_hos_PNT_disc_cp_qn_light_texture_01        00:00:25 mkelly FAIL
 gold or cmp file mis
  854 r400vgt_hos_PNT_disc_cp_qn_no_projection_01        00:00:17 mkelly FAIL
 compare mismatch **
  855 r400vgt_hos_PNT_disc_cp_qn_precision_01            00:00:18 mkelly FAIL
 compare mismatch **
  856 r400vgt_hos_PNT_disc_cp_qn_precision_02            00:00:33 mkelly FAIL
 compare mismatch **
  857 r400vgt_hos_PNT_edge_detection_01                  00:01:42 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_hos_PNT_edge_detection_01

  858 r400vgt_hos_PNT_lp_cont_no_projection_01           00:00:30 mkelly FAIL
```

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 compare mismatch **
  859 r400vgt_hos_PNTQL_cp_qn_cont_stress_01             00:00:56 mkelly FAIL
 gold or cmp file mis
  860 r400vgt_hos_RECT_adaptive_complex                  00:01:14 mkelly FAIL
 compare mismatch **
  861 r400vgt_hos_RPatch_cp_02                           00:02:06 mkelly FAIL
 gold or cmp file mis
  862 r400vgt_hos_RPatch_lp_02                           00:01:50 mkelly FAIL
 gold or cmp file mis
  863 r400vgt_hos_RTL_stress_01                          00:01:21 mkelly FAIL
 gold or cmp file mis
  864 r400vgt_hos_simple_linear_PNT_discrete_01          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_hos_simple_linear_PNT_discrete_
01
  865 r400vgt_hos_TPatch_01                              00:00:45 mkelly FAIL
 compare mismatch **
  866 r400vgt_hos_TPatch_02                              00:01:04 mkelly FAIL
 gold or cmp file mis
  867 r400vgt_hos_TRI_adaptive_complex                   00:00:35 mkelly FAIL
 compare mismatch **
  868 r400vgt_immed_index_line_list_01                   00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_immed_index_line_list_01

  869 r400vgt_immed_index_line_loop_01                   00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_immed_index_line_loop_01

  870 r400vgt_immed_index_line_strip_01                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_immed_index_line_strip_01

  871 r400vgt_immed_index_points_01                      00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_immed_index_points_01

  872 r400vgt_immed_index_polygon_01                     00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_immed_index_polygon_01

  873 r400vgt_immed_index_primtypes_01                   00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_immed_index_primtypes_01

  874 r400vgt_immed_index_quad_list_01                   00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_immed_index_quad_list_01

  875 r400vgt_immed_index_quad_strip_01                  00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_immed_index_quad_strip_01

  876 r400vgt_immed_index_rectangle_list_01              00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_immed_index_rectangle_list_01

  877 r400vgt_immed_index_tri_fan_01                     00:00:12 mkelly PASS    mkelly
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\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_immed_index_tri_fan_01

878 r400vgt_immed_index_tri_list_01 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_immed_index_tri_list_01

879 r400vgt_immed_index_tri_strip_01 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_immed_index_tri_strip_01

880 r400vgt_immed_index_tri_wflags_01 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_immed_index_tri_wflags_01

881 r400vgt_index_dealloc_line_list_01 00:00:16 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_index_dealloc_line_list_01

882 r400vgt_index_dealloc_points_01 00:00:18 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_index_dealloc_points_01

883 r400vgt_index_dealloc_triangle_list_01 00:00:26 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_index_dealloc_triangle_list_01

884 r400vgt_index_min_max_01 00:00:14 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_index_min_max_01

885 r400vgt_index_min_max_02 00:00:13 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_index_min_max_02

886 r400vgt_index_min_max_03 00:00:14 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_index_min_max_03

887 r400vgt_index_min_max_04 00:00:14 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_index_min_max_04

888 r400vgt_index_offset_01 00:00:14 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_index_offset_01

889 r400vgt_index_offset_02 00:00:14 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_index_offset_02

890 r400vgt_index_offset_03 00:00:14 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_index_offset_03

891 r400vgt_index_offset_04 00:00:13 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_index_offset_04

892 r400vgt_index_offset_05 00:00:14 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_index_offset_05

893 r400vgt_index_offset_06 00:00:14 mkelly PASS mkelly

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\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_index_offset_06

  894 r400vgt_index_offset_07                          00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_index_offset_07

  895 r400vgt_index_offset_08                          00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_index_offset_08

  896 r400vgt_index_size_01                            00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_index_size_01

  897 r400vgt_index_size_02                            00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_index_size_02

  898 r400vgt_index_source_switch_01                   00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_index_source_switch_01

  899 r400vgt_line_list_01                             00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_line_list_01

  900 r400vgt_line_list_02                             00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_line_list_02

  901 r400vgt_line_loop_01                             00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_line_loop_01

  902 r400vgt_line_loop_02                             00:00:22 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_line_loop_02

  903 r400vgt_line_strip_01                            00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_line_strip_01

  904 r400vgt_line_strip_02                            00:00:21 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_line_strip_02

  905 r400vgt_local_tonemapping                        00:02:01 mkelly FAIL
 gold or cmp file mis
  906 r400vgt_multi_context_01                         00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_multi_context_01

  907 r400vgt_multi_context_02                         00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_multi_context_02

  908 r400vgt_multi_context_03                         00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_multi_context_03

  909 r400vgt_multi_context_04                         00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_multi_context_04
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  910 r400vgt_multi_context_05                          00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_multi_context_05

  911 r400vgt_multi_context_06                          00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_multi_context_06

  912 r400vgt_multi_context_07                          00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_multi_context_07

  913 r400vgt_multi_context_08                          00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_multi_context_08

  914 r400vgt_multi_context_09                          00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_multi_context_09

  915 r400vgt_multi_context_10                          00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_multi_context_10

  916 r400vgt_multi_context_11                          00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_multi_context_11

  917 r400vgt_multi_context_12                          00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_multi_context_12

  918 r400vgt_multi_pass_pix_shader_01                  00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_multi_pass_pix_shader_01

  919 r400vgt_multi_pass_pix_shader_02                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_multi_pass_pix_shader_02

  920 r400vgt_multi_pass_pix_shader_03                  00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_multi_pass_pix_shader_03

  921 r400vgt_multi_pass_pix_shader_04                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_multi_pass_pix_shader_04

  922 r400vgt_multi_pass_pix_shader_05                  00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_multi_pass_pix_shader_05

  923 r400vgt_multi_pass_pix_shader_06                  00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_multi_pass_pix_shader_06

  924 r400vgt_multi_pass_pix_shader_07                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_multi_pass_pix_shader_07

  925 r400vgt_multi_pass_pix_shader_08                  00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_multi_pass_pix_shader_08
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  926 r400vgt_multi_prim_reset_index_all_01              00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_multi_prim_reset_index_all_01

  927 r400vgt_multi_prim_reset_index_all_02              00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_multi_prim_reset_index_all_02

  928 r400vgt_multi_prim_reset_index_all_03              00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_multi_prim_reset_index_all_03

  929 r400vgt_multi_prim_reset_index_all_04              00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_multi_prim_reset_index_all_04

  930 r400vgt_multi_prim_reset_index_all_05              00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_multi_prim_reset_index_all_05

  931 r400vgt_multi_prim_reset_index_all_06              00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_multi_prim_reset_index_all_06

  932 r400vgt_multi_prim_reset_index_all_07              00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_multi_prim_reset_index_all_07

  933 r400vgt_pass_thru_all_prims_01                     00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_pass_thru_all_prims_01

  934 r400vgt_pass_thru_all_prims_02                     00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_pass_thru_all_prims_02

  935 r400vgt_perf_counters_events_01                    00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_perf_counters_events_01

  936 r400vgt_point_list_01                              00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_point_list_01

  937 r400vgt_point_list_02                              00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_point_list_02

  938 r400vgt_polygon_01                                 00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_polygon_01

  939 r400vgt_polygon_02                                 00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_polygon_02

  940 r400vgt_provoking_vtx_all_01                       00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_provoking_vtx_all_01

  941 r400vgt_provoking_vtx_edgeflags_all_01             00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_provoking_vtx_edgeflags_all_01
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  942 r400vgt_provoking_vtx_polygon_01                    00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_provoking_vtx_polygon_01

  943 r400vgt_provoking_vtx_quad_list_01                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_provoking_vtx_quad_list_01

  944 r400vgt_provoking_vtx_quad_strip_01                 00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_provoking_vtx_quad_strip_01

  945 r400vgt_provoking_vtx_tri_fan_01                    00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_provoking_vtx_tri_fan_01

  946 r400vgt_provoking_vtx_tri_strip_01                  00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_provoking_vtx_tri_strip_01

  947 r400vgt_quad_list_01                                00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_quad_list_01

  948 r400vgt_quad_list_02                                00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_quad_list_02

  949 r400vgt_quad_strip_01                               00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_quad_strip_01

  950 r400vgt_quad_strip_02                               00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_quad_strip_02

  951 r400vgt_rbbm_reg_read                               00:00:05 mkelly FAIL
 gold or cmp file mis
  952 r400vgt_real_time_events_01                         00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_real_time_events_01

  953 r400vgt_real_time_events_02                         00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_real_time_events_02

  954 r400vgt_real_time_events_03                         00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_real_time_events_03

  955 r400vgt_real_time_events_04                         00:01:02 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_real_time_events_04

  956 r400vgt_real_time_events_05                         00:01:02 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_real_time_events_05

  957 r400vgt_real_time_events_06                         00:01:03 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_real_time_events_06
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  958 r400vgt_real_time_events_07                         00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_real_time_events_07

  959 r400vgt_rectangle_list_01                           00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_rectangle_list_01

  960 r400vgt_rectangle_list_02                           00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_rectangle_list_02

  961 r400vgt_reuse_depth_line_list_01                    00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_reuse_depth_line_list_01

  962 r400vgt_reuse_depth_line_strip_01                   00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_reuse_depth_line_strip_01

  963 r400vgt_reuse_depth_point_list_01                   00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_reuse_depth_point_list_01

  964 r400vgt_reuse_depth_triangle_fan_01                 00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_reuse_depth_triangle_fan_01

  965 r400vgt_reuse_depth_triangle_list_01                00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_reuse_depth_triangle_list_01

  966 r400vgt_reuse_depth_triangle_strip_01               00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_reuse_depth_triangle_strip_01

  967 r400vgt_reuse_index_line_list_01                    00:00:27 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_reuse_index_line_list_01

  968 r400vgt_reuse_index_point_list_01                   00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_reuse_index_point_list_01

  969 r400vgt_reuse_index_triangle_list_01                00:00:22 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_reuse_index_triangle_list_01

  970 r400vgt_reuse_index_triangle_list_02                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_reuse_index_triangle_list_02

  971 r400vgt_reuse_index_triangle_list_03                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_reuse_index_triangle_list_03

  972 r400vgt_simple_register_indirect                    00:00:26 mkelly FAIL
 gold or cmp file mis
  973 r400vgt_suppress_eop_01                             00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_suppress_eop_01

  974 r400vgt_suppress_eop_02                             00:00:13 mkelly PASS    mkelly
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\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_suppress_eop_02

975 r400vgt_suppress_eop_03 00:00:20 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_suppress_eop_03

976 r400vgt_suppress_eop_04 00:00:20 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_suppress_eop_04

977 r400vgt_suppress_eop_05 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_suppress_eop_05

978 r400vgt_triangle_fan_01 00:00:13 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_triangle_fan_01

979 r400vgt_triangle_fan_02 00:00:17 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_triangle_fan_02

980 r400vgt_triangle_list_01 00:00:16 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_triangle_list_01

981 r400vgt_triangle_list_02 00:00:17 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_triangle_list_02

982 r400vgt_triangle_strip_01 00:00:15 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_triangle_strip_01

983 r400vgt_triangle_strip_02 00:00:17 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_triangle_strip_02

984 r400vgt_triangle_wflags_01 00:00:15 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_triangle_wflags_01

985 r400vgt_triangle_wflags_02 00:00:16 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_triangle_wflags_02

986 r400vgt_viz_query_01 00:00:21 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_viz_query_01

987 r400vgt_vtx_export_very_very_simple_01 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_vtx_export_very_very_simple_01

988 r400vgt_vtx_export_very_very_simple_02 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_vtx_export_very_very_simple_02

989 r400vgt_vtx_export_very_very_simple_03 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_vtx_export_very_very_simple_03

990 r400vgt_vtx_export_very_very_simple_04 00:00:11 mkelly PASS mkelly

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\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_vtx_export_very_very_simple_04

  991 r400vgt_vtx_vect_eject_01                          00:00:21 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_vtx_vect_eject_01

  992 r400vgt_vtx_vector_packing_01                      00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vgt_vtx_vector_packing_01

  993 r400su_4tri_text_offscreen_01                      00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_4tri_text_offscreen_01

  994 r400su_4trilist_edges_offscreen_01                 00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_4trilist_edges_offscreen_01

  995 r400su_back_face_fan_01                            00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_back_face_fan_01

  996 r400su_baryc_test_01                               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_baryc_test_01

  997 r400su_baryc_test_02                               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_baryc_test_02

  998 r400su_baryc_test_03                               00:00:43 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_baryc_test_03

  999 r400su_baryc_test_04                               00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_baryc_test_04

 1000 r400su_baryc_test_05                               00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_baryc_test_05

 1001 r400su_baryc_test_06                               00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_baryc_test_06

 1002 r400su_baryc_test_07                               00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_baryc_test_07

 1003 r400su_baryc_test_08                               00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_baryc_test_08

 1004 r400su_clip_baryc_test_01                          00:00:10 mkelly FAIL
 compare mismatch **
 1005 r400su_clip_baryc_test_02                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_clip_baryc_test_02

 1006 r400su_clip_baryc_test_03                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_clip_baryc_test_03
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 1007 r400su_clip_baryc_test_04                          00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_clip_baryc_test_04

 1008 r400su_clip_baryc_test_05                          00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_clip_baryc_test_05

 1009 r400su_clip_baryc_test_06                          00:00:13 mkelly FAIL
 compare mismatch **
 1010 r400su_clip_baryc_test_07                          00:00:13 mkelly FAIL
 compare mismatch **
 1011 r400su_clip_baryc_test_08                          00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_clip_baryc_test_08

 1012 r400su_clip_edgeflag_polymode_01                   00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_clip_edgeflag_polymode_01

 1013 r400su_clip_line_end_cap_functional_01             00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_clip_line_end_cap_functional_01

 1014 r400su_clip_pointsize_test_01                      00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_clip_pointsize_test_01

 1015 r400su_clip_pointtest_01                           00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_clip_pointtest_01

 1016 r400su_clip_pointtest_02                           00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_clip_pointtest_02

 1017 r400su_clip_pointtest_03                           00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_clip_pointtest_03

 1018 r400su_clip_pointtest_04                           00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_clip_pointtest_04

 1019 r400su_clip_polymode_random_01                     00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_clip_polymode_random_01

 1020 r400su_clip_polymode_random_02                     00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_clip_polymode_random_02

 1021 r400su_clip_polymode_test_01                       00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_clip_polymode_test_01

 1022 r400su_clip_polymode_test_02                       00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_clip_polymode_test_02

 1023 r400su_clip_polymode_test_03                       00:00:11 mkelly PASS    mkelly
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\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_clip_polymode_test_03

1024 r400su_clip_provoking_vtx_edgeflags_triangle_01 00:00:19 mkelly FAIL
compare mismatch **
1025 r400su_clip_provoking_vtx_edgeflags_triangle_02 00:00:19 mkelly FAIL
compare mismatch **
1026 r400su_clipline_01 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_clipline_01

1027 r400su_clippoint_01 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_clippoint_01

1028 r400su_clipvertexsorting_01 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_clipvertexsorting_01

1029 r400su_clipvertexsorting_02 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_clipvertexsorting_02

1030 r400su_clipvertexsorting_03 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_clipvertexsorting_03

1031 r400su_clipvertexsorting_polymode_01 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_clipvertexsorting_polymode_01

1032 r400su_clipvertexsorting_polymode_02 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_clipvertexsorting_polymode_02

1033 r400su_clipvertexsortingfunctional_01 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_clipvertexsortingfunctional_01

1034 r400su_cullingfunctional_01 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_cullingfunctional_01

1035 r400su_degentri_test_01 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_degentri_test_01

1036 r400su_degentri_test_02 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_degentri_test_02

1037 r400su_degentri_test_03 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_degentri_test_03

1038 r400su_degentri_test_04 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_degentri_test_04

1039 r400su_edge_flag_01 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_edge_flag_01

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 1040 r400su_edge_flag_02                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_edge_flag_02

 1041 r400su_edgeflags_triangle_01                       00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_edgeflags_triangle_01

 1042 r400su_edgeflags_triangle_02                       00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_edgeflags_triangle_02

 1043 r400su_geom_sort_01                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_geom_sort_01

 1044 r400su_line_clip_end_cap_01                        00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_line_clip_end_cap_01

 1045 r400su_line_clip_end_cap_width_functional_02       00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_line_clip_end_cap_width_function
al_02
 1046 r400su_line_clip_orientation_01                    00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_line_clip_orientation_01

 1047 r400su_line_clip_orientation_02                    00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_line_clip_orientation_02

 1048 r400su_line_clip_x_major_01                        00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_line_clip_x_major_01

 1049 r400su_line_end_cap_functional_01                  00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_line_end_cap_functional_01

 1050 r400su_line_end_cap_width_functional_02            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_line_end_cap_width_functional_02

 1051 r400su_line_orientation_01                         00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_line_orientation_01

 1052 r400su_line_orientation_02                         00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_line_orientation_02

 1053 r400su_line_orientation_dx01_01                    00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_line_orientation_dx01_01

 1054 r400su_line_orientation_dx01_02                    00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_line_orientation_dx01_02

 1055 r400su_line_orientation_dy01_01                    00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_line_orientation_dy01_01
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 1056 r400su_line_orientation_dy01_02                    00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_line_orientation_dy01_02

 1057 r400su_line_test_01                                00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_line_test_01

 1058 r400su_line_test_02                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_line_test_02

 1059 r400su_line_x_major_01                             00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_line_x_major_01

 1060 r400su_line_x_major_02                             00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_line_x_major_02

 1061 r400su_line_y_major_01                             00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_line_y_major_01

 1062 r400su_line_y_major_02                             00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_line_y_major_02

 1063 r400su_longstrip_01                                00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_longstrip_01

 1064 r400su_multi_context_01                            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_multi_context_01

 1065 r400su_multi_prim_01                               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_multi_prim_01

 1066 r400su_multi_prim_02                               00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_multi_prim_02

 1067 r400su_parallel_orientation_all_01                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_parallel_orientation_all_01

 1068 r400su_parallel_orientation_all_02                 00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_parallel_orientation_all_02

 1069 r400su_pc_management_01                            00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_pc_management_01

 1070 r400su_pc_management_02                            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_pc_management_02

 1071 r400su_pc_management_03                            00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_pc_management_03
```

```
 1072 r400su_point_sprite_01                              00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_point_sprite_01

 1073 r400su_point_sprite_02                              00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_point_sprite_02

 1074 r400su_point_sprite_03                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_point_sprite_03

 1075 r400su_point_sprite_04                              00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_point_sprite_04

 1076 r400su_point_sprite_05                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_point_sprite_05

 1077 r400su_point_sprite_06                              00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_point_sprite_06

 1078 r400su_point_sprite_07                              00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_point_sprite_07

 1079 r400su_point_sprite_08                              00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_point_sprite_08

 1080 r400su_point_sprite_09                              00:00:21 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_point_sprite_09

 1081 r400su_point_w16_h1_functional_01                   00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_point_w16_h1_functional_01

 1082 r400su_point_w1_h16_functional_01                   00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_point_w1_h16_functional_01

 1083 r400su_pointsizepresent_01                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_pointsizepresent_01

 1084 r400su_pointsizepresent_02                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_pointsizepresent_02

 1085 r400su_pointsizepresent_03                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_pointsizepresent_03

 1086 r400su_polymode_culling_face_01                     00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_polymode_culling_face_01

 1087 r400su_polymode_culling_face_02                     00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_polymode_culling_face_02
```

```
 1088 r400su_polymode_lines_degen_triangle_01            00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_polymode_lines_degen_triangle_01

 1089 r400su_polymode_lines_degen_triangle_02            00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_polymode_lines_degen_triangle_02

 1090 r400su_polymode_lines_degen_triangle_03            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_polymode_lines_degen_triangle_03

 1091 r400su_polymode_lines_zero_area_triangle_01        00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_polymode_lines_zero_area_triangl
e_01
 1092 r400su_polymode_lines_zero_area_triangle_02        00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_polymode_lines_zero_area_triangl
e_02
 1093 r400su_polymode_multi_prim_01                      00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_polymode_multi_prim_01

 1094 r400su_polymode_points_degen_triangle_01           00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_polymode_points_degen_triangle_0
1
 1095 r400su_polymode_points_degen_triangle_02           00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_polymode_points_degen_triangle_0
2
 1096 r400su_polymode_points_zero_area_triangle_01       00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_polymode_points_zero_area_triang
le_01
 1097 r400su_polymode_points_zero_area_triangle_02       00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_polymode_points_zero_area_triang
le_02
 1098 r400su_polymode_rectangle_01                       00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_polymode_rectangle_01

 1099 r400su_polymode_zero_area_triangle_01              00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_polymode_zero_area_triangle_01

 1100 r400su_polymode_zero_area_triangle_02              00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_polymode_zero_area_triangle_02

 1101 r400su_polymode_zero_area_triangle_03              00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_polymode_zero_area_triangle_03

 1102 r400su_polymode_zero_area_triangle_04              00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_polymode_zero_area_triangle_04

 1103 r400su_polymodeculling_01                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_polymodeculling_01
```

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 1104 r400su_polymodefunctional_01                       00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_polymodefunctional_01

 1105 r400su_provok_vtx_polymode_mix_point_lines_01      00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_provok_vtx_polymode_mix_point_li
nes_01
 1106 r400su_provoking_vtx_edgeflags_triangle_01         00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_provoking_vtx_edgeflags_triangle
_01
 1107 r400su_provoking_vtx_edgeflags_triangle_02         00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_provoking_vtx_edgeflags_triangle
_02
 1108 r400su_provoking_vtx_edgeflags_triangle_03         00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_provoking_vtx_edgeflags_triangle
_03
 1109 r400su_provoking_vtx_edgeflags_triangle_04         00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_provoking_vtx_edgeflags_triangle
_04
 1110 r400su_provoking_vtx_line_01                       00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_provoking_vtx_line_01

 1111 r400su_provoking_vtx_point_01                      00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_provoking_vtx_point_01

 1112 r400su_provoking_vtx_polymode_rectangle_01         00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_provoking_vtx_polymode_rectangle
_01
 1113 r400su_provoking_vtx_rectangle_01                  00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_provoking_vtx_rectangle_01

 1114 r400su_provoking_vtx_triangle_01                   00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_provoking_vtx_triangle_01

 1115 r400su_rand_line_01                                00:00:21 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_rand_line_01

 1116 r400su_rand_point_01                               00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_rand_point_01

 1117 r400su_rand_tri_01                                 00:00:22 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_rand_tri_01

 1118 r400su_rbbm_reg_read                               00:00:05 mkelly FAIL
 gold or cmp file mis
 1119 r400su_rectangle_01                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_rectangle_01

 1120 r400su_rectangle_list_01                           00:00:10 mkelly PASS    mkelly
```

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\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_rectangle_list_01

 1121 r400su_simple_register_indirect                    00:00:09 mkelly FAIL
 gold or cmp file mis
 1122 r400su_sliver_01                                   00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_sliver_01

 1123 r400su_stress_01                                   00:02:44 mkelly FAIL
 compare mismatch **
 1124 r400su_stress_02                                   00:01:50 mkelly FAIL
 compare mismatch **
 1125 r400su_stress_03                                   00:01:52 mkelly FAIL
 compare mismatch **
 1126 r400su_triarea_test_01                             00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_triarea_test_01

 1127 r400su_triarea_test_02                             00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_triarea_test_02

 1128 r400su_triarea_test_03                             00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_triarea_test_03

 1129 r400su_triarea_test_04                             00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_triarea_test_04

 1130 r400su_vertexsortingfunctional_01                  00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_vertexsortingfunctional_01

 1131 r400su_w_grad_test_01                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_w_grad_test_01

 1132 r400su_w_grad_test_02                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_w_grad_test_02

 1133 r400su_w_grad_test_03                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_w_grad_test_03

 1134 r400su_z_grad_test_01                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_z_grad_test_01

 1135 r400su_z_grad_test_02                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_z_grad_test_02

 1136 r400su_z_grad_test_03                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_z_grad_test_03

 1137 r400su_zero_area_test_01                           00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_zero_area_test_01
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 1138 r400su_zero_area_test_02                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_zero_area_test_02

 1139 r400su_zero_area_test_03                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_zero_area_test_03

 1140 r400su_zero_area_test_04                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400su_zero_area_test_04

 1141 r400vte_coverage_02                               00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vte_coverage_02

 1142 r400vte_mult_msbs_01                              00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vte_mult_msbs_01

 1143 r400vte_inf_nan_02                                00:00:22 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vte_inf_nan_02

 1144 r400vte_many_reciprocals_01                       00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vte_many_reciprocals_01

 1145 r400vte_z_veu_msb_01                              00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vte_z_veu_msb_01

 1146 r400vte_y_veu_msb_01                              00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vte_y_veu_msb_01

 1147 r400vte_x_veu_msb_01                              00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vte_x_veu_msb_01

 1148 r400vte_inf_nan_01                                00:00:33 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vte_inf_nan_01

 1149 r400vte_clip_perspective_texture_04               00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vte_clip_perspective_texture_04

 1150 r400vte_clip_perspective_texture_03               00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vte_clip_perspective_texture_03

 1151 r400vte_clip_perspective_texture_02               00:00:21 mkelly FAIL
 compare mismatch **
 1152 r400vte_clip_perspective_texture_01               00:00:33 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vte_clip_perspective_texture_01

 1153 r400vte_combos_01                                 00:01:01 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vte_combos_01
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 1154 r400vte_combos_02                                  00:00:53 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vte_combos_02

 1155 r400vte_combos_03                                  00:00:30 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vte_combos_03

 1156 r400vte_coverage_01                                00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vte_coverage_01

 1157 r400vte_perf_01                                    00:00:14 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vte_perf_01

 1158 r400vte_perf_02                                    00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vte_perf_02

 1159 r400vte_perf_03                                    00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vte_perf_03

 1160 r400vte_pos_neg_combo_01                           00:00:35 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vte_pos_neg_combo_01

 1161 r400vte_pos_neg_combo_02                           00:00:35 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vte_pos_neg_combo_02

 1162 r400vte_pos_neg_combo_03                           00:00:36 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vte_pos_neg_combo_03

 1163 r400vte_simple_point_01                            00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vte_simple_point_01

 1164 r400vte_simple_triangle_01                         00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vte_simple_triangle_01

 1165 r400vte_w0_fmt_01                                  00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vte_w0_fmt_01

 1166 r400vte_w0_fmt_02                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vte_w0_fmt_02

 1167 r400vte_w0_fmt_03                                  00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vte_w0_fmt_03

 1168 r400vte_w0_fmt_04                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vte_w0_fmt_04

 1169 r400vte_w0_fmt_05                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vte_w0_fmt_05
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 1170 r400vte_w0_fmt_06                                  00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vte_w0_fmt_06

 1171 r400vte_xy_fmt_01                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vte_xy_fmt_01

 1172 r400vte_xy_fmt_02                                  00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vte_xy_fmt_02

 1173 r400vte_xy_fmt_03                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vte_xy_fmt_03

 1174 r400vte_xyz_scale_01                               00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vte_xyz_scale_01

 1175 r400vte_xyz_scale_02                               00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vte_xyz_scale_02

 1176 r400vte_z_fmt_01                                   00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vte_z_fmt_01

 1177 r400vte_z_fmt_02                                   00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vte_z_fmt_02

 1178 r400vte_z_fmt_03                                   00:00:13 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vte_z_fmt_03

 1179 r400vte_z_fmt_04                                   00:00:14 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400vte_z_fmt_04

 1180 r400sanity_vfd_texture_sample_01                   00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400sanity_vfd_texture_sample_01

 1181 primlib_1st_tri_june15                             00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/primlib_1st_tri_june15

 1182 primlib_gouraud_tri_1_xyz_vb_1_rgb_vb              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/primlib_gouraud_tri_1_xyz_vb_1_rgb_vb

 1183 primlib_gouraud_triangles_2_draw_passes            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/primlib_gouraud_triangles_2_draw_passes

 1184 primlib_parameterized_simple_triangle              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/primlib_parameterized_simple_triangle

 1185 primlib_template_simple_triangle                   00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/primlib_template_simple_triangle
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 1186 primlib_tex_tri                                    00:00:11 mkelly FAIL
 primlib_tex_tri_001.
 1187 primlib_zbuffer_2tris_03                           00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/primlib_zbuffer_2tris_03

 1188 cp_dma_2desc                                       00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_dma_2desc

 1189 cp_dma_interrupt                                   00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_dma_interrupt

 1190 cp_dma_m2m_01                                      00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_dma_m2m_01

 1191 cp_dma_m2m_02                                      00:00:09 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_dma_m2m_02

 1192 cp_dma_m2m_03                                      00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_dma_m2m_03

 1193 cp_dma_m2m_04                                      00:00:09 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_dma_m2m_04

 1194 cp_dma_m2r_01                                      00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_dma_m2r_01

 1195 cp_dma_m2r_02                                      00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_dma_m2r_02

 1196 cp_dma_m2r_03                                      00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_dma_m2r_03

 1197 cp_dma_m2r_04                                      00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_dma_m2r_04

 1198 cp_dma_m2r_r2m                                     00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_dma_m2r_r2m

 1199 cp_dma_pio_simple                                  00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_dma_pio_simple

 1200 cp_dma_pio_stress                                  00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_dma_pio_stress

 1201 cp_dma_piobm_stress                                00:00:09 mkelly FAIL
 compare mismatch No
 1202 cp_dma_r2m_01                                      00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_dma_r2m_01
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 1203 cp_dma_r2m_02                                    00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_dma_r2m_02

 1204 cp_dma_r2m_03                                    00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_dma_r2m_03

 1205 cp_dma_r2m_04                                    00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_dma_r2m_04

 1206 cp_dma_r2r_01                                    00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_dma_r2r_01

 1207 cp_dma_r2r_02                                    00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_dma_r2r_02

 1208 cp_dma_r2r_03                                    00:00:09 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_dma_r2r_03

 1209 cp_dma_r2r_r2m                                   00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_dma_r2r_r2m

 1210 cp_dma_r2r_r2m_m2m                               00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_dma_r2r_r2m_m2m

 1211 cp_dma_r2r_r2m_m2m_r2m                           00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_dma_r2r_r2m_m2m_r2m

 1212 cp_dma_simple                                    00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_dma_simple

 1213 cp_e2_hostdata_blt_pntr_8888                     00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_e2_hostdata_blt_pntr_8888

 1214 cp_e2_one_blit                                   00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_e2_one_blit

 1215 cp_e2_one_hline                                  00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_e2_one_hline

 1216 cp_e2_one_line                                   00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_e2_one_line

 1217 cp_e2_one_vline                                  00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_e2_one_vline

 1218 cp_e2_polyscanlines                              00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_e2_polyscanlines
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 1219 cp_e2blit_brush_m                                  00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_e2blit_brush_m

 1220 cp_e2blit_brush_mt_ropcc                           00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_e2blit_brush_mt_ropcc

 1221 cp_e2blit_brush_mt_ropf0                           00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_e2blit_brush_mt_ropf0

 1222 cp_e2blit_src_8888i                                00:00:26 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_e2blit_src_8888i

 1223 cp_e2blit_src_8888ii                               00:00:21 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_e2blit_src_8888ii

 1224 cp_e2blit_src_8888iii                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_e2blit_src_8888iii

 1225 cp_e2blit_src_8888iv                               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_e2blit_src_8888iv

 1226 cp_e2blit_src_8888v                                00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_e2blit_src_8888v

 1227 cp_e2blit_srf_cohr                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_e2blit_srf_cohr

 1228 cp_e2brush_8x8clr_565                              00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_e2brush_8x8clr_565

 1229 cp_e2brush_8x8clr_ci8                              00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_e2brush_8x8clr_ci8

 1230 cp_e2brush_8x8mmask_1555                           00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_e2brush_8x8mmask_1555

 1231 cp_e2brush_8x8mono_ci8                             00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_e2brush_8x8mono_ci8

 1232 cp_e2brush_solid                                   00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_e2brush_solid

 1233 cp_e2cache1                                        00:00:13 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_e2cache1

 1234 cp_e2cache2                                        00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_e2cache2
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 1235 cp_e2gradfill_565                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_e2gradfill_565

 1236 cp_e2gradfill_1555                               00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_e2gradfill_1555

 1237 cp_e2gradfill_8888                               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_e2gradfill_8888

 1238 cp_e2gradfill_horizontal                         00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_e2gradfill_horizontal

 1239 cp_e2gradfill_triangle                           00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_e2gradfill_triangle

 1240 cp_e2gradfill_vertical                           00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_e2gradfill_vertical

 1241 cp_e2hostdata_blt2_565                           00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_e2hostdata_blt2_565

 1242 cp_e2hostdata_blt2_1555                          00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_e2hostdata_blt2_1555

 1243 cp_e2hostdata_blt2_8888                          00:00:33 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_e2hostdata_blt2_8888

 1244 cp_e2hostdata_blt2_ci8                           00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_e2hostdata_blt2_ci8

 1245 cp_e2hostdata_blt_565                            00:00:26 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_e2hostdata_blt_565

 1246 cp_e2hostdata_blt_1555                           00:00:27 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_e2hostdata_blt_1555

 1247 cp_e2hostdata_blt_8888                           00:00:42 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_e2hostdata_blt_8888

 1248 cp_e2hostdata_blt_ci8                            00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_e2hostdata_blt_ci8

 1249 cp_e2hostdata_blt_drv1                           00:00:24 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_e2hostdata_blt_drv1

 1250 cp_e2hostdata_blt_pntr_565                       00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_e2hostdata_blt_pntr_565
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 1251 cp_e2hostdata_blt_pntr_1555                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_e2hostdata_blt_pntr_1555

 1252 cp_e2hostdata_blt_pntr_ci8                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_e2hostdata_blt_pntr_ci8

 1253 cp_e2hostdata_byte_srcload                          00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_e2hostdata_byte_srcload

 1254 cp_e2line_max                                       00:04:13 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_e2line_max

 1255 cp_e2line_patcount_poly                             00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_e2line_patcount_poly

 1256 cp_e2lines                                          00:00:16 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_e2lines

 1257 cp_e2load_palette                                   00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_e2load_palette

 1258 cp_e2nextchar_565                                   00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_e2nextchar_565

 1259 cp_e2nextchar_1555                                  00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_e2nextchar_1555

 1260 cp_e2nextchar_8888                                  00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_e2nextchar_8888

 1261 cp_e2nextchar_ci8                                   00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_e2nextchar_ci8

 1262 cp_e2paint_565                                      00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_e2paint_565

 1263 cp_e2paint_8888                                     00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_e2paint_8888

 1264 cp_e2paint_multi                                    00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_e2paint_multi

 1265 cp_e2perf_2d_04_vector                              00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_e2perf_2d_04_vector

 1266 cp_e2perf_ptrnfil                                   00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_e2perf_ptrnfil
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 1267 cp_e2ply_nextscan                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_e2ply_nextscan

 1268 cp_e2polyscanlines_brush                           00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_e2polyscanlines_brush

 1269 cp_e2polyscanlines_brush_mt                        00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_e2polyscanlines_brush_mt

 1270 cp_e2rop                                           00:00:13 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_e2rop

 1271 cp_e2set_scissors                                  00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_e2set_scissors

 1272 cp_e2smalltext                                     00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_e2smalltext

 1273 cp_e2smalltext_jc1                                 00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_e2smalltext_jc1

 1274 cp_e2smalltext_jc2                                 00:04:08 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_e2smalltext_jc2

 1275 cp_e2smalltext_max                                 00:01:58 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_e2smalltext_max

 1276 cp_e2smalltext_neg                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_e2smalltext_neg

 1277 cp_e2trans_bitblt                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_e2trans_bitblt

 1278 cp_rb_dst_blit_01                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_rb_dst_blit_01

 1279 cp_rb_dst_blit_agp_01                              00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_rb_dst_blit_agp_01

 1280 cp_rb_dst_blit_brush_01                            00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_rb_dst_blit_brush_01

 1281 cp_rb_dst_blit_brush_02                            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_rb_dst_blit_brush_02

 1282 cp_rb_dst_blit_brush_03                            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_rb_dst_blit_brush_03
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 1283 cp_rb_dst_blit_brush_04                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_rb_dst_blit_brush_04

 1284 cp_rb_dst_blit_brush_05                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_rb_dst_blit_brush_05

 1285 cp_rb_dst_blit_brush_565_01                      00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_rb_dst_blit_brush_565_01

 1286 cp_rb_dst_blit_brush_agp_01                      00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_rb_dst_blit_brush_agp_01

 1287 cp_rb_dst_blit_brush_agp_05                      00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_rb_dst_blit_brush_agp_05

 1288 cp_rb_dst_blit_brush_ci8_01                      00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_rb_dst_blit_brush_ci8_01

 1289 cp_rb_dst_blit_rop_01                            00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_rb_dst_blit_rop_01

 1290 cp_rb_dst_blit_rop_02                            00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_rb_dst_blit_rop_02

 1291 cp_rb_dst_blit_rop_03                            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_rb_dst_blit_rop_03

 1292 cp_rb_dst_blit_rop_04                            00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_rb_dst_blit_rop_04

 1293 cp_rb_dst_blit_rop_05                            00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_rb_dst_blit_rop_05

 1294 cp_rb_dst_blit_rop_06                            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_rb_dst_blit_rop_06

 1295 cp_rb_dst_blit_rop_07                            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_rb_dst_blit_rop_07

 1296 cp_rb_dst_blit_rop_agp_01                        00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_rb_dst_blit_rop_agp_01

 1297 cp_rb_dst_blit_rop_agp_04                        00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_rb_dst_blit_rop_agp_04

 1298 cp_rb_dst_blit_rop_agp_07                        00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_rb_dst_blit_rop_agp_07
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 1299 cp_rb_dst_clr_cmp_01                              00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_rb_dst_clr_cmp_01

 1300 cp_rb_dst_clr_cmp_02                              00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_rb_dst_clr_cmp_02

 1301 cp_rb_dst_clr_cmp_03                              00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_rb_dst_clr_cmp_03

 1302 cp_rb_dst_clr_cmp_agp_01                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_rb_dst_clr_cmp_agp_01

 1303 cp_rb_dst_clr_cmp_msk_01                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_rb_dst_clr_cmp_msk_01

 1304 cp_rb_dst_clr_cmp_rops_01                         00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_rb_dst_clr_cmp_rops_01

 1305 cp_rb_dst_clr_cmp_rops_02                         00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_rb_dst_clr_cmp_rops_02

 1306 cp_rb_dst_clr_cmp_rops_03                         00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_rb_dst_clr_cmp_rops_03

 1307 cp_rb_dst_line_01                                 00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_rb_dst_line_01

 1308 cp_rb_dst_line_brush_01                           00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_rb_dst_line_brush_01

 1309 cp_rb_dst_line_brush_02                           00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_rb_dst_line_brush_02

 1310 cp_rb_dst_line_brush_03                           00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_rb_dst_line_brush_03

 1311 cp_rb_dst_line_brush_agp_01                       00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_rb_dst_line_brush_agp_01

 1312 cp_rb_dstcache_aflush_2d_01                       00:02:28 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_rb_dstcache_aflush_2d_01

 1313 cp_rb_dstcache_aflush_2d_agp_01                   00:02:28 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_rb_dstcache_aflush_2d_agp_01

 1314 cp_rb_dstcache_fillflush_2d_01                    00:00:55 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_rb_dstcache_fillflush_2d_01
```

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 1315 cp_rb_dstcache_rmw_2d_01                          00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_rb_dstcache_rmw_2d_01

 1316 cp_rb_dstcache_rmw_2d_agp_01                      00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_rb_dstcache_rmw_2d_agp_01

 1317 cp_im_load_indirect                               00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_im_load_indirect

 1318 cp_queue_avail_01                                 00:00:11 mkelly FAIL
 compare mismatch No
 1319 cp_queue_avail_02                                 00:00:10 mkelly FAIL
 compare mismatch No
 1320 cp_queue_avail_03                                 00:00:10 mkelly FAIL
 compare mismatch No
 1321 cp_queue_avail_04                                 00:00:10 mkelly FAIL
 compare mismatch No
 1322 cp_queue_avail_05                                 00:00:10 mkelly FAIL
 compare mismatch No
 1323 cp_queue_avail_06                                 00:00:10 mkelly FAIL
 compare mismatch No
 1324 cp_queue_avail_07                                 00:00:09 mkelly FAIL
 compare mismatch No
 1325 cp_push_aper_indirect1                            00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_push_aper_indirect1

 1326 cp_push_aper_primary                              00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_push_aper_primary

 1327 cp_simple_triangle                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/cp_simple_triangle

 1328 e2_bbll                                           00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2_bbll

 1329 e2_bbll_565                                       00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2_bbll_565

 1330 e2_bbll_1555                                      00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2_bbll_1555

 1331 e2_bbll_ci8                                       00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2_bbll_ci8

 1332 e2_blbl                                           00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2_blbl
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 1333 e2_blbl_565                                    00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2_blbl_565

 1334 e2_blbl_1555                                   00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2_blbl_1555

 1335 e2_blbl_ci8                                    00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2_blbl_ci8

 1336 e2_blit_busy                                   00:00:12 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2_blit_busy

 1337 e2_blit_lines                                  00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2_blit_lines

 1338 e2_blit_sync_565                               00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2_blit_sync_565

 1339 e2_dstaddr                                     00:00:14 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2_dstaddr

 1340 e2_lblb                                        00:00:12 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2_lblb

 1341 e2_lblb_wh                                     00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2_lblb_wh

 1342 e2_line_busy                                   00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2_line_busy

 1343 e2_llbb                                        00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2_llbb

 1344 e2_many_lines                                  00:00:16 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2_many_lines

 1345 e2_many_lines_2x4                              00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2_many_lines_2x4

 1346 e2_many_lines_2x4_mask                         00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2_many_lines_2x4_mask

 1347 e2_many_lines_4x4                              00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2_many_lines_4x4

 1348 e2_many_lines_4x4_mask                         00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2_many_lines_4x4_mask
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 1349 e2_many_lines_4x8                                  00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2_many_lines_4x8

 1350 e2_many_lines_4x8_mask                             00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2_many_lines_4x8_mask

 1351 e2_many_lines_mask                                 00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2_many_lines_mask

 1352 e2_many_lines_pat                                  00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2_many_lines_pat

 1353 e2_many_lines_w9x                                  00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2_many_lines_w9x

 1354 e2_offset_pitch                                    00:00:12 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2_offset_pitch

 1355 e2_offset_pitch_16byte                             00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2_offset_pitch_16byte

 1356 e2_one_blit                                        00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2_one_blit

 1357 e2_one_line                                        00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2_one_line

 1358 e2_partial_add                                     00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2_partial_add

 1359 e2_pm4_blit_64x64                                  00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2_pm4_blit_64x64

 1360 e2_pm4_blit_128x128                                00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2_pm4_blit_128x128

 1361 e2_pm4_blit_256x256                                00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2_pm4_blit_256x256

 1362 e2_simple2d                                        00:00:13 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2_simple2d

 1363 e2_write_256b                                      00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2_write_256b

 1364 e2blit_3noshft_565                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_3noshft_565
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 1365 e2blit_3noshft_1555                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_3noshft_1555

 1366 e2blit_3noshft_8888                                00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_3noshft_8888

 1367 e2blit_3noshft_ci8                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_3noshft_ci8

 1368 e2blit_3shftL_565                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_3shftL_565

 1369 e2blit_3shftL_1555                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_3shftL_1555

 1370 e2blit_3shftL_8888                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_3shftL_8888

 1371 e2blit_3shftL_ci8                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_3shftL_ci8

 1372 e2blit_3shftR_565                                  00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_3shftR_565

 1373 e2blit_3shftR_1555                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_3shftR_1555

 1374 e2blit_3shftR_8888                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_3shftR_8888

 1375 e2blit_3shftR_ci8                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_3shftR_ci8

 1376 e2blit_640x5_8888                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_640x5_8888

 1377 e2blit_agp2agp                                     00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_agp2agp

 1378 e2blit_agp2fb                                      00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_agp2fb

 1379 e2blit_agp2fb_big                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_agp2fb_big

 1380 e2blit_agp2fb_big2                                 00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_agp2fb_big2
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 1381 e2blit_beyondframe                                  00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_beyondframe

 1382 e2blit_clut32_8888                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_clut32_8888

 1383 e2blit_clut32_8888_lines                            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_clut32_8888_lines

 1384 e2blit_clut_565                                     00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_clut_565

 1385 e2blit_clut_565_2                                   00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_clut_565_2

 1386 e2blit_clut_565all                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_clut_565all

 1387 e2blit_clut_565indx                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_clut_565indx

 1388 e2blit_clut_8888                                    00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_clut_8888

 1389 e2blit_fb2agp_big                                   00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_fb2agp_big

 1390 e2blit_fb2agp_big_2                                 00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_fb2agp_big_2

 1391 e2blit_host2agp                                     00:00:42 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_host2agp

 1392 e2blit_host128_565_00                               00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_host128_565_00

 1393 e2blit_host128_565_00_wide                          00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_host128_565_00_wide

 1394 e2blit_host128_565_01                               00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_host128_565_01

 1395 e2blit_host128_565_01_wide                          00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_host128_565_01_wide

 1396 e2blit_host128_565_02                               00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_host128_565_02
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 1397 e2blit_host128_565_02_wide                          00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_host128_565_02_wide

 1398 e2blit_host128_565_03                              00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_host128_565_03

 1399 e2blit_host128_565_03_wide                         00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_host128_565_03_wide

 1400 e2blit_host128_565_mono                            00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_host128_565_mono

 1401 e2blit_host128_8888_00                             00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_host128_8888_00

 1402 e2blit_host128_8888_01                             00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_host128_8888_01

 1403 e2blit_host128_8888_02                             00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_host128_8888_02

 1404 e2blit_host128_8888_03                             00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_host128_8888_03

 1405 e2blit_host128_8888_mono                           00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_host128_8888_mono

 1406 e2blit_host128_ci8_00                              00:00:40 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_host128_ci8_00

 1407 e2blit_host128_ci8_01                              00:00:39 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_host128_ci8_01

 1408 e2blit_host128_ci8_02                              00:00:39 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_host128_ci8_02

 1409 e2blit_host128_ci8_03                              00:00:39 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_host128_ci8_03

 1410 e2blit_host128_ci8_mono                            00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_host128_ci8_mono

 1411 e2blit_host_1to8_00                                00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_host_1to8_00

 1412 e2blit_host_1to8_01                                00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_host_1to8_01
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 1413 e2blit_host_1to8_02                                00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_host_1to8_02

 1414 e2blit_host_1to8_04                                00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_host_1to8_04

 1415 e2blit_host_1to8_04_lines                          00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_host_1to8_04_lines

 1416 e2blit_host_1to8_05                                00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_host_1to8_05

 1417 e2blit_host_1to8_06                                00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_host_1to8_06

 1418 e2blit_host_1to8_07                                00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_host_1to8_07

 1419 e2blit_host_1to8_08                                00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_host_1to8_08

 1420 e2blit_host_1to8_09                                00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_host_1to8_09

 1421 e2blit_host_1to8_10                                00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_host_1to8_10

 1422 e2blit_host_1to8_11                                00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_host_1to8_11

 1423 e2blit_host_1to8mask_01                            00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_host_1to8mask_01

 1424 e2blit_host_1to8mask_03                            00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_host_1to8mask_03

 1425 e2blit_host_1to8mask_09                            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_host_1to8mask_09

 1426 e2blit_host_1to8mask_10                            00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_host_1to8mask_10

 1427 e2blit_host_1to8mask_10_lines                      00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_host_1to8mask_10_lines

 1428 e2blit_host_1to16_00                               00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_host_1to16_00
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 1429 e2blit_host_1to16_01                              00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_host_1to16_01

 1430 e2blit_host_1to16_02                              00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_host_1to16_02

 1431 e2blit_host_1to16_03                              00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_host_1to16_03

 1432 e2blit_host_1to16_04                              00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_host_1to16_04

 1433 e2blit_host_1to16_05                              00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_host_1to16_05

 1434 e2blit_host_1to16_06                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_host_1to16_06

 1435 e2blit_host_1to16_07                              00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_host_1to16_07

 1436 e2blit_host_100x100_8888                          00:00:42 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_host_100x100_8888

 1437 e2blit_host_pm4_100x100_8888                      00:00:42 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_host_pm4_100x100_8888

 1438 e2blit_hostdest_1555                              00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_hostdest_1555

 1439 e2blit_hostdest_1555_lines                        00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_hostdest_1555_lines

 1440 e2blit_hostdest_8888                              00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_hostdest_8888

 1441 e2blit_hostdest_ci8                               00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_hostdest_ci8

 1442 e2blit_hostmono                                   00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_hostmono

 1443 e2blit_hostmonow                                  00:00:15 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_hostmonow

 1444 e2blit_noshft_565                                 00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_noshft_565
```

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 1445 e2blit_noshft_1555                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_noshft_1555

 1446 e2blit_noshft_8888                                  00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_noshft_8888

 1447 e2blit_noshft_ci8                                   00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_noshft_ci8

 1448 e2blit_offscreen                                    00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_offscreen

 1449 e2blit_offset_565                                   00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_offset_565

 1450 e2blit_offset_1555                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_offset_1555

 1451 e2blit_offset_8888                                  00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_offset_8888

 1452 e2blit_offset_ci8                                   00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_offset_ci8

 1453 e2blit_pitch_565                                    00:00:12 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_pitch_565

 1454 e2blit_pitch_1555                                   00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_pitch_1555

 1455 e2blit_pitch_8888                                   00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_pitch_8888

 1456 e2blit_pix_order_565                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_pix_order_565

 1457 e2blit_pix_order_1555                               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_pix_order_1555

 1458 e2blit_pix_order_8888                               00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_pix_order_8888

 1459 e2blit_pix_order_ci8                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_pix_order_ci8

 1460 e2blit_qdrnt_cc                                     00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_qdrnt_cc
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 1461 e2blit_qdrnt_cc_565                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_qdrnt_cc_565

 1462 e2blit_qdrnt_cc_1555                               00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_qdrnt_cc_1555

 1463 e2blit_qdrnt_cc_ci8                                00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_qdrnt_cc_ci8

 1464 e2blit_raster_order                                00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_raster_order

 1465 e2blit_raster_orderb                               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_raster_orderb

 1466 e2blit_shftL_565                                   00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_shftL_565

 1467 e2blit_shftL_1555                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_shftL_1555

 1468 e2blit_shftL_8888                                  00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_shftL_8888

 1469 e2blit_shftL_ci8                                   00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_shftL_ci8

 1470 e2blit_shftR_565                                   00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_shftR_565

 1471 e2blit_shftR_1555                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_shftR_1555

 1472 e2blit_shftR_8888                                  00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_shftR_8888

 1473 e2blit_shftR_ci8                                   00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_shftR_ci8

 1474 e2blit_src_565                                     00:00:26 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_src_565

 1475 e2blit_src_565a                                    00:00:21 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_src_565a

 1476 e2blit_src_565b                                    00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_src_565b
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 1477 e2blit_src_565c                                    00:00:13 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_src_565c

 1478 e2blit_src_8888                                    00:00:19 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_src_8888

 1479 e2blit_src_8888_sdest                              00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_src_8888_sdest

 1480 e2blit_src_8888_smono                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_src_8888_smono

 1481 e2blit_src_8888a                                   00:00:15 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_src_8888a

 1482 e2blit_src_8888b                                   00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_src_8888b

 1483 e2blit_src_8888d                                   00:00:12 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_src_8888d

 1484 e2blit_src_ci8                                     00:00:18 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_src_ci8

 1485 e2blit_src_ci8_smono                               00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_src_ci8_smono

 1486 e2blit_src_ci8_smonom                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_src_ci8_smonom

 1487 e2blit_src_ci8a                                    00:00:14 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_src_ci8a

 1488 e2blit_src_ci8b                                    00:00:14 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_src_ci8b

 1489 e2blit_walk_565                                    00:00:12 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_walk_565

 1490 e2blit_walk_1555                                   00:00:13 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_walk_1555

 1491 e2blit_walk_8888                                   00:00:12 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_walk_8888

 1492 e2blit_walk_ci8                                    00:00:12 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_walk_ci8
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 1493 e2blit_walk_srcdst                                  00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_walk_srcdst

 1494 e2blit_wh_8888                                      00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blit_wh_8888

 1495 e2blits_565                                         00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2blits_565

 1496 e2brush                                             00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2brush

 1497 e2brush_8x8clr                                      00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2brush_8x8clr

 1498 e2brush_8x8clr_565                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2brush_8x8clr_565

 1499 e2brush_8x8clr_1555                                 00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2brush_8x8clr_1555

 1500 e2brush_8x8clr_ci8                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2brush_8x8clr_ci8

 1501 e2brush_8x8mmask                                    00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2brush_8x8mmask

 1502 e2brush_8x8mmask_565                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2brush_8x8mmask_565

 1503 e2brush_8x8mmask_1555                               00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2brush_8x8mmask_1555

 1504 e2brush_8x8mmask_ci8                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2brush_8x8mmask_ci8

 1505 e2brush_8x8mono                                     00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2brush_8x8mono

 1506 e2brush_8x8mono_565                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2brush_8x8mono_565

 1507 e2brush_8x8mono_1555                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2brush_8x8mono_1555

 1508 e2brush_8x8mono_ci8                                 00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2brush_8x8mono_ci8
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 1509 e2brush_32x1line                                    00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2brush_32x1line

 1510 e2brush_32x1line_565                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2brush_32x1line_565

 1511 e2brush_32x1line_1555                               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2brush_32x1line_1555

 1512 e2brush_32x1line_ci8                                00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2brush_32x1line_ci8

 1513 e2brush_32x1linemask                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2brush_32x1linemask

 1514 e2brush_32x1linemask_565                            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2brush_32x1linemask_565

 1515 e2brush_32x1linemask_1555                           00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2brush_32x1linemask_1555

 1516 e2brush_32x1linemask_ci8                            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2brush_32x1linemask_ci8

 1517 e2brush_565                                         00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2brush_565

 1518 e2brush_1555                                        00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2brush_1555

 1519 e2brush_address                                     00:00:14 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2brush_address

 1520 e2brush_address_565                                 00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2brush_address_565

 1521 e2brush_address_1555                                00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2brush_address_1555

 1522 e2brush_address_ci8                                 00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2brush_address_ci8

 1523 e2brush_ci8                                         00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2brush_ci8

 1524 e2brush_solid                                       00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2brush_solid
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 1525 e2brush_solid_565                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2brush_solid_565

 1526 e2brush_solid_1555                                 00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2brush_solid_1555

 1527 e2brush_solid_ci8                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2brush_solid_ci8

 1528 e2brush_solidline                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2brush_solidline

 1529 e2brush_solidline_565                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2brush_solidline_565

 1530 e2brush_solidline_1555                             00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2brush_solidline_1555

 1531 e2brush_solidline_ci8                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2brush_solidline_ci8

 1532 e2cache1                                           00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2cache1

 1533 e2cache2                                           00:00:12 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2cache2

 1534 e2cache4                                           00:00:17 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2cache4

 1535 e2cache5                                           00:00:14 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2cache5

 1536 e2cache6                                           00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2cache6

 1537 e2cache7                                           00:00:12 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2cache7

 1538 e2cache8                                           00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2cache8

 1539 e2dst_scssr_565                                    00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2dst_scssr_565

 1540 e2dst_scssr_1555                                   00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2dst_scssr_1555
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 1541 e2dst_scssr_8888                                    00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2dst_scssr_8888

 1542 e2dst_scssr_ci8                                     00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2dst_scssr_ci8

 1543 e2endian_fb                                         00:00:14 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2endian_fb

 1544 e2endian_agp                                        00:00:13 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2endian_agp

 1545 e2endian_host                                       00:00:15 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2endian_host

 1546 e2lilblit                                           00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2lilblit

 1547 e2lilblit_line                                      00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2lilblit_line

 1548 e2line_box                                          00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2line_box

 1549 e2line_bridgeB                                      00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2line_bridgeB

 1550 e2line_bridgeBL                                     00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2line_bridgeBL

 1551 e2line_bridgeBR                                     00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2line_bridgeBR

 1552 e2line_bridgeL                                      00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2line_bridgeL

 1553 e2line_bridgeLRTB                                   00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2line_bridgeLRTB

 1554 e2line_bridgeR                                      00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2line_bridgeR

 1555 e2line_bridgeT                                      00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2line_bridgeT

 1556 e2line_bridgeTL                                     00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2line_bridgeTL
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 1557 e2line_bridgeTR                                    00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2line_bridgeTR

 1558 e2line_hori565                                     00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2line_hori565

 1559 e2line_hori1555                                    00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2line_hori1555

 1560 e2line_hori8888                                    00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2line_hori8888

 1561 e2line_horici8                                     00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2line_horici8

 1562 e2line_horishort565                                00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2line_horishort565

 1563 e2line_horishort1555                               00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2line_horishort1555

 1564 e2line_horishort8888                               00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2line_horishort8888

 1565 e2line_horishortci8                                00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2line_horishortci8

 1566 e2line_nobridge                                    00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2line_nobridge

 1567 e2line_offscreen                                   00:00:12 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2line_offscreen

 1568 e2line_patcount                                    00:00:12 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2line_patcount

 1569 e2line_patcount_565                                00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2line_patcount_565

 1570 e2line_patcount_1555                               00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2line_patcount_1555

 1571 e2line_patcount_ci8                                00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2line_patcount_ci8

 1572 e2line_patcount_poly_565                           00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2line_patcount_poly_565
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 1573 e2line_patcount_poly_ci8                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2line_patcount_poly_ci8

 1574 e2line_ptrn                                       00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2line_ptrn

 1575 e2line_ptrnplaid                                  00:00:12 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2line_ptrnplaid

 1576 e2line_star                                       00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2line_star

 1577 e2line_vert565                                    00:00:12 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2line_vert565

 1578 e2line_vert1555                                   00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2line_vert1555

 1579 e2line_vert8888                                   00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2line_vert8888

 1580 e2line_vertci8                                    00:00:12 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2line_vertci8

 1581 e2line_vertshort565                               00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2line_vertshort565

 1582 e2line_vertshort1555                              00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2line_vertshort1555

 1583 e2line_vertshort8888                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2line_vertshort8888

 1584 e2line_vertshortci8                               00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2line_vertshortci8

 1585 e2line_zeropixel                                  00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2line_zeropixel

 1586 e2max_values_height                               00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2max_values_height

 1587 e2max_values_offset                               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2max_values_offset

 1588 e2max_values_width                                00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2max_values_width
```

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1589 e2max_values_xy                                    00:00:10 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2max_values_xy

1590 e2rop_00_0f                                        00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2rop_00_0f

1591 e2rop_10_1f                                        00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2rop_10_1f

1592 e2rop_20_2f                                        00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2rop_20_2f

1593 e2rop_30_3f                                        00:00:10 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2rop_30_3f

1594 e2rop_40_4f                                        00:00:10 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2rop_40_4f

1595 e2rop_50_5f                                        00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2rop_50_5f

1596 e2rop_60_6f                                        00:00:10 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2rop_60_6f

1597 e2rop_70_7f                                        00:00:10 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2rop_70_7f

1598 e2rop_80_8f                                        00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2rop_80_8f

1599 e2rop_90_9f                                        00:00:10 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2rop_90_9f

1600 e2rop_a0_af                                        00:00:10 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2rop_a0_af

1601 e2rop_b0_bf                                        00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2rop_b0_bf

1602 e2rop_c0_cf                                        00:00:10 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2rop_c0_cf

1603 e2rop_d0_df                                        00:00:10 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2rop_d0_df

1604 e2rop_e0_ef                                        00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2rop_e0_ef
```

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 1605 e2rop_f0_ff                                    00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2rop_f0_ff

 1606 e2scssr_flipped_blits_8888                     00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2scssr_flipped_blits_8888

 1607 e2scssr_flipped_lines                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2scssr_flipped_lines

 1608 e2scssr_none_565                               00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2scssr_none_565

 1609 e2scssr_none_1555                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2scssr_none_1555

 1610 e2scssr_none_8888                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2scssr_none_8888

 1611 e2scssr_none_ci8                               00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2scssr_none_ci8

 1612 e2scssr_within_565                             00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2scssr_within_565

 1613 e2scssr_within_1555                            00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2scssr_within_1555

 1614 e2scssr_within_8888                            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2scssr_within_8888

 1615 e2scssr_within_ci8                             00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2scssr_within_ci8

 1616 e2scssrB_565                                   00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2scssrB_565

 1617 e2scssrB_1555                                  00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2scssrB_1555

 1618 e2scssrB_8888                                  00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2scssrB_8888

 1619 e2scssrB_ci8                                   00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2scssrB_ci8

 1620 e2scssrBL_565                                  00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2scssrBL_565
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1621 e2scssrBL_1555                                    00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2scssrBL_1555

1622 e2scssrBL_8888                                    00:00:10 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2scssrBL_8888

1623 e2scssrBL_ci8                                     00:00:10 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2scssrBL_ci8

1624 e2scssrBR_565                                     00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2scssrBR_565

1625 e2scssrBR_1555                                    00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2scssrBR_1555

1626 e2scssrBR_8888                                    00:00:10 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2scssrBR_8888

1627 e2scssrBR_ci8                                     00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2scssrBR_ci8

1628 e2scssrL_565                                      00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2scssrL_565

1629 e2scssrL_1555                                     00:00:10 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2scssrL_1555

1630 e2scssrL_8888                                     00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2scssrL_8888

1631 e2scssrL_ci8                                      00:00:10 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2scssrL_ci8

1632 e2scssrLRTB_565                                   00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2scssrLRTB_565

1633 e2scssrLRTB_1555                                  00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2scssrLRTB_1555

1634 e2scssrLRTB_8888                                  00:00:10 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2scssrLRTB_8888

1635 e2scssrLRTB_ci8                                   00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2scssrLRTB_ci8

1636 e2scssrR_565                                      00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2scssrR_565
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1637 e2scssrR_1555                                   00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2scssrR_1555

1638 e2scssrR_8888                                   00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2scssrR_8888

1639 e2scssrR_ci8                                    00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2scssrR_ci8

1640 e2scssrT_565                                    00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2scssrT_565

1641 e2scssrT_1555                                   00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2scssrT_1555

1642 e2scssrT_8888                                   00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2scssrT_8888

1643 e2scssrT_ci8                                    00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2scssrT_ci8

1644 e2scssrTL_565                                   00:00:10 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2scssrTL_565

1645 e2scssrTL_1555                                  00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2scssrTL_1555

1646 e2scssrTL_8888                                  00:00:10 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2scssrTL_8888

1647 e2scssrTL_ci8                                   00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2scssrTL_ci8

1648 e2scssrTR_565                                   00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2scssrTR_565

1649 e2scssrTR_1555                                  00:00:10 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2scssrTR_1555

1650 e2scssrTR_8888                                  00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2scssrTR_8888

1651 e2scssrTR_ci8                                   00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2scssrTR_ci8

1652 e2src_scssrB                                    00:00:10 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2src_scssrB
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 1653 e2src_scssrB_565                                  00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2src_scssrB_565

 1654 e2src_scssrB_1555                                 00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2src_scssrB_1555

 1655 e2src_scssrB_ci8                                  00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2src_scssrB_ci8

 1656 e2src_scssrBR                                     00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2src_scssrBR

 1657 e2src_scssrBR_565                                 00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2src_scssrBR_565

 1658 e2src_scssrBR_1555                                00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2src_scssrBR_1555

 1659 e2src_scssrBR_ci8                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2src_scssrBR_ci8

 1660 e2src_scssrR                                      00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2src_scssrR

 1661 e2src_scssrR_565                                  00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2src_scssrR_565

 1662 e2src_scssrR_1555                                 00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2src_scssrR_1555

 1663 e2src_scssrR_ci8                                  00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2src_scssrR_ci8

 1664 e2srcsc_565                                       00:00:12 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2srcsc_565

 1665 e2srcsc_8888                                      00:00:12 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2srcsc_8888

 1666 e2srcsc_ci8                                       00:00:12 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030129161726/e2srcsc_ci8

 1667 r400cp_2drotdst_hbl                               00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cp_2drotdst_hbl

 1668 r400cp_2drotdst_hbr                               00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cp_2drotdst_hbr
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 1669 r400cp_2drotdst_htl                                00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cp_2drotdst_htl

 1670 r400cp_2drotdst_htr                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cp_2drotdst_htr

 1671 r400cp_2drotdst_vbl                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cp_2drotdst_vbl

 1672 r400cp_2drotdst_vbr                                00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cp_2drotdst_vbr

 1673 r400cp_2drotdst_vtl                                00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cp_2drotdst_vtl

 1674 r400cp_2drotdst_vtr                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cp_2drotdst_vtr

 1675 r400cp_2drotdst_host                               00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cp_2drotdst_host

 1676 r400cp_2drotsrc_eqofst                             00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cp_2drotsrc_eqofst

 1677 r400cp_2drotsrc_neqofst                            00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cp_2drotsrc_neqofst

 1678 r400cp_2drotdst_1555                               00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cp_2drotdst_1555

 1679 r400cp_2drotdst_565                                00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cp_2drotdst_565

 1680 r400cp_2dalphablend_sb                             00:00:26 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cp_2dalphablend_sb

 1681 r400cp_2dalphablend_sb_1555                        00:00:26 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cp_2dalphablend_sb_1555

 1682 r400cp_2dalphablend_sb_565                         00:00:25 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cp_2dalphablend_sb_565

 1683 r400cp_2dalphablend_abc                            00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cp_2dalphablend_abc

 1684 r400cp_2dalphablend_abs                            00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cp_2dalphablend_abs
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 1685 r400cp_2dalphablend_abb                              00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cp_2dalphablend_abb

 1686 r400cp_2dalphablend_8888                             00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cp_2dalphablend_8888

 1687 r400cp_2dalphablend_1555                             00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cp_2dalphablend_1555

 1688 r400cp_2dalphablend_565                              00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cp_2dalphablend_565

 1689 r400cp_2daafont_bgnd                                 00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cp_2daafont_bgnd

 1690 r400cp_2daafont_dst                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cp_2daafont_dst

 1691 r400cp_2daafont_1555                                 00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cp_2daafont_1555

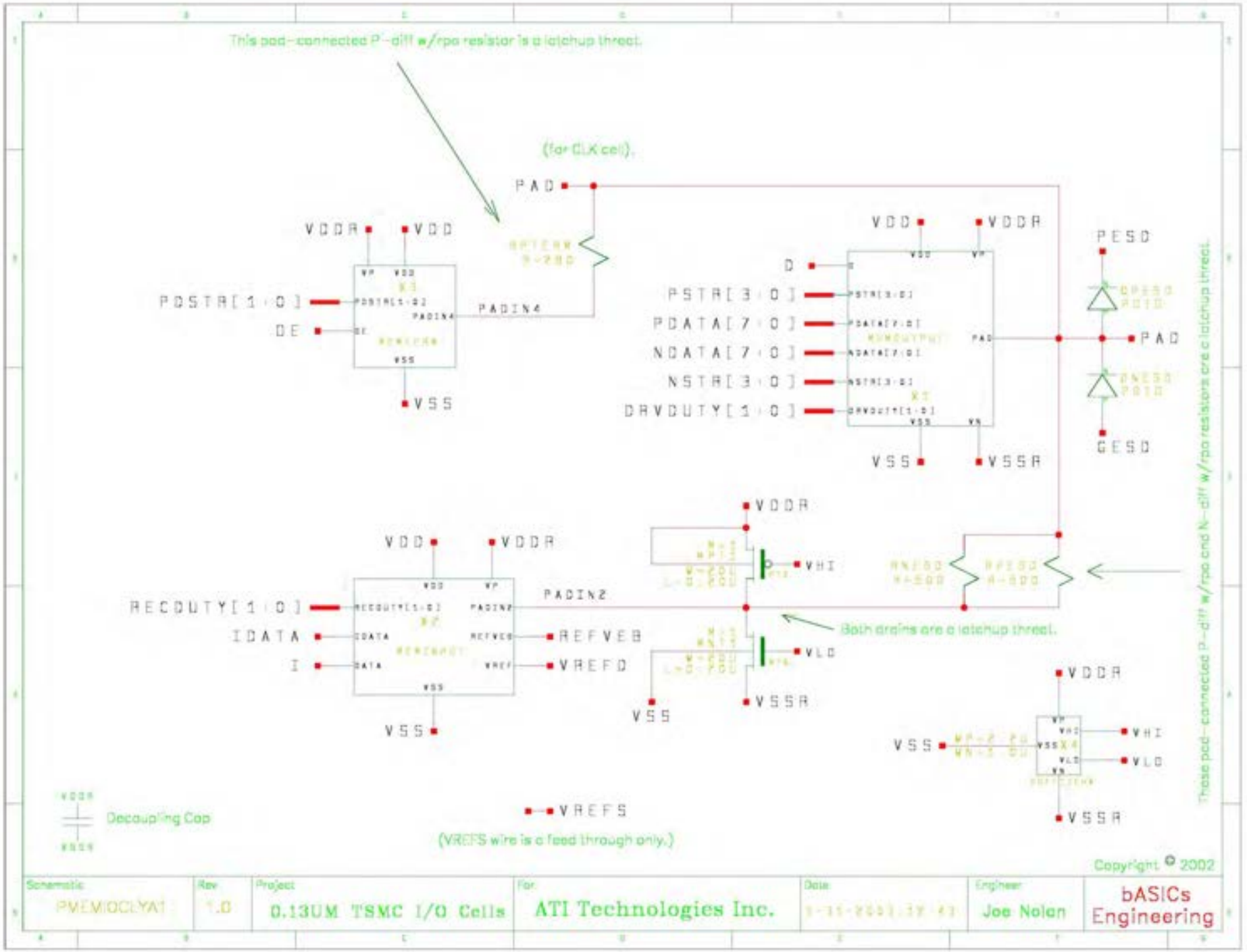
 1692 r400cp_2daafont_565                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cp_2daafont_565

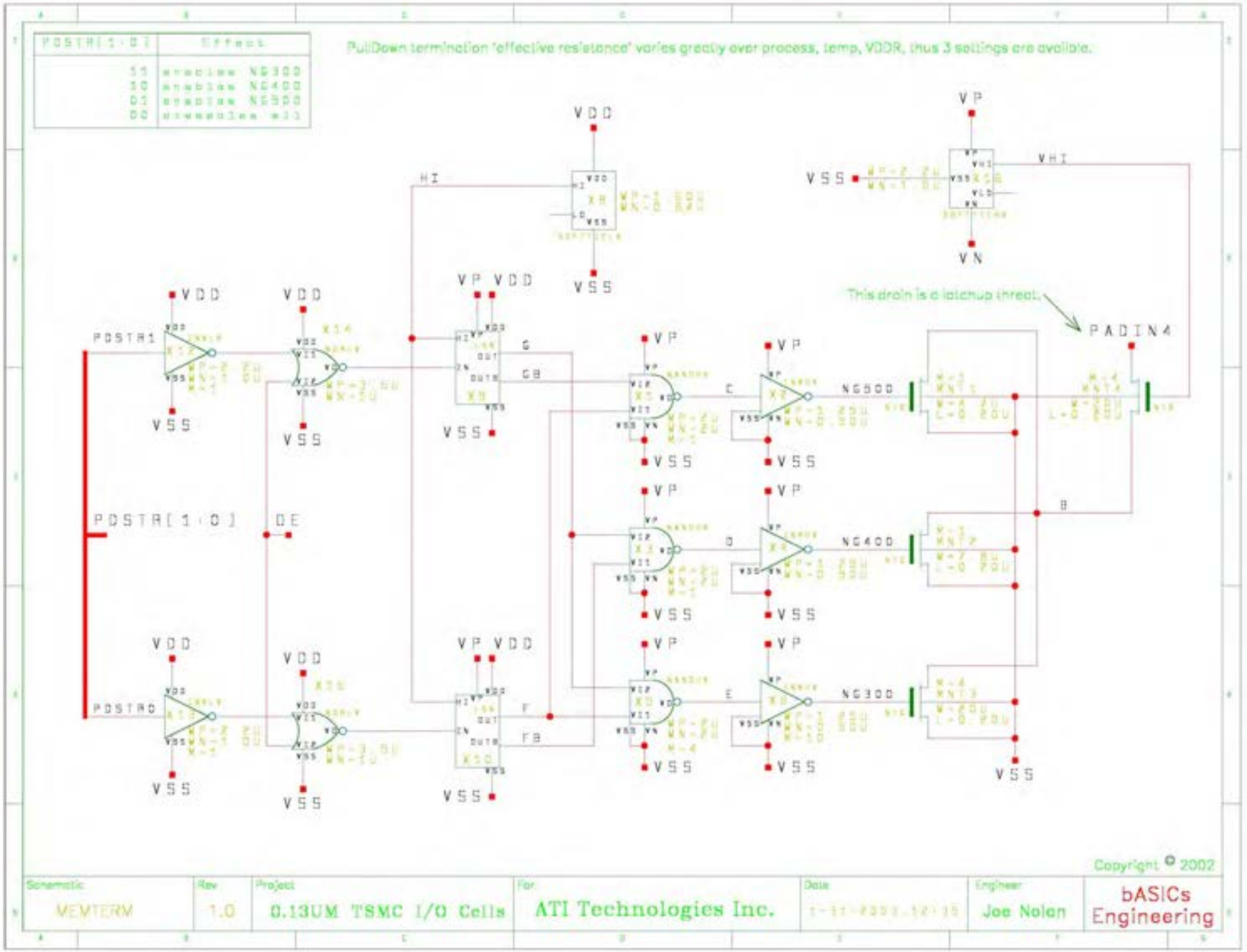
 1693 r400cp_2d3dswitch_a                                  00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030129161726/r400cp_2d3dswitch_a

 1694 r400cp_registers                                     00:00:08 mkelly FAIL
 gold or cmp file mis
+-------------------------------------------------------------------------------------------
-------------------------------------+
                                                           08:49:06
```

+ Regression Summary:  R400 EMU SYNC mkelly
+ Date: Thu Jan 30 06:43:31 2003

| UNIT | Total Tests | Tests Run | Tests Pass | %Pass |
|---|---|---|---|---|
| SC | 402 | 400 | 388 | 97.00 |
| VGT | 235 | 235 | 198 | 84.26 |
| CL | 362 | 357 | 356 | 99.72 |
| SU | 148 | 148 | 138 | 93.24 |
| VTE | 39 | 39 | 38 | 97.44 |
| CP | 512 | 507 | 498 | 98.22 |
| RBBM | 0 | 0 | 0 | 0.00 |
| BUGS | 0 | 0 | 0 | 0.00 |
| SANITY | 1 | 1 | 1 | 100.00 |
| STRESS | 0 | 0 | 0 | 0.00 |
| PERF | 7 | 7 | 6 | 85.71 |
| TOTAL | 1706 | 1694 | 1623 | 95.81 |


This pad-connected P-diff w/rpo resistor is a latchup threat.
(for CLK cell).
PAD
VDDR
VDD
POSTR[1:0]
DE
PADIN4
VSS
PSTR[3:0]
PDATA[7:0]
NDATA[7:0]
NSTR[3:0]
DRVDUTY[1:0]
VSSR
PESD
GESD
RECDUTY[1:0]
IDATA
I
PADIN2
REFVEB
VREFD
VHI
VLO
Both drains are a latchup threat.
Those pad-connected P-diff w/rpo and N-diff w/rpo resistors are a latchup threat.
Decoupling Cap
VREFS
(VREFS wire is a feed through only.)
Copyright © 2002
Schematic
PMEMIOCLYA1
Rev
1.0
Project
0.13UM TSMC I/O Cells
For
ATI Technologies Inc.
Date
Engineer
Joe Nolan
bASICs Engineering


POSTR[1:0] | Effect
11 enables NG300
10 enables NG400
01 enables NG500
00 disables all
PullDown termination 'effective resistance' varies greatly over process, temp, VDDR, thus 3 settings are available.
This drain is a latchup threat.
PADIN4
POSTR[1:0]
POSTR1
POSTR0
OE
VDD
VSS
VP
VN
VHI
HI
G
GB
F
FB
E
D
C
B
NG500
NG400
NG300
Copyright © 2002
Schematic: MEMTERM
Rev: 1.0
Project: 0.13UM TSMC I/O Cells
For: ATI Technologies Inc.
Engineer: Joe Nolan
bASICs Engineering

```
+-------------------------------------------------------------------------------------------
-----------------------------------+
+ R400 EMU TEST REGRESS HISTORY Sat Feb  1 09:58:03 2003
+-------------------------------------------------------------------------------------------
-----------------------------------+
+ No  Test Name                                          Emu Time Sync  Status
LastPass FailReason          MostRecentPath +
+-------------------------------------------------------------------------------------------
-----------------------------------+
    1 r400sc_rts_01                                     00:00:26 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_rts_01

    2 r400sc_rts_02                                     00:00:23 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_rts_02

    3 r400sc_rts_09                                     00:00:25 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_rts_09

    4 r400sc_rts_10                                     00:00:25 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_rts_10

    5 r400sc_rts_11                                     00:00:43 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_rts_11

    6 r400sc_rts_12                                     00:00:50 mkelly FAIL
 compare mismatch **
    7 r400sc_rts_18                                     00:04:26 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_rts_18

    8 r400sc_rts_19                                     00:01:31 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_rts_19

    9 r400sc_rts_20                                     00:01:08 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_rts_20

   10 r400sc_rts_21                                     00:00:28 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_rts_21

   11 r400sc_rts_fc_09                                  00:00:12 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_rts_fc_09

   12 r400sc_pinwheel_03                                00:01:33 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_pinwheel_03

   13 r400sc_pkr_row_wrap_disable_rts_01                00:00:29 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_pkr_row_wrap_disable_rts_01
```

```
   14 r400sc_vtx_and_pix_pipe_disable_combos_05          00:01:46 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_vtx_and_pix_pipe_disable_combos_
05
   15 r400sc_vtx_pipe_disable_0101_01                    00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_vtx_pipe_disable_0101_01

   16 r400sc_vtx_pipe_disable_0100_01                    00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_vtx_pipe_disable_0100_01

   17 r400sc_vtx_and_pix_pipe_disable_rnd_combos_01      00:00:48 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_vtx_and_pix_pipe_disable_rnd_com
bos_01
   18 r400sc_vtx_and_pix_pipe_disable_rnd_combos_02      00:00:24 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_vtx_and_pix_pipe_disable_rnd_com
bos_02
   19 r400sc_vtx_pipe_disable_combos_01                  00:00:45 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_vtx_pipe_disable_combos_01

   20 r400sc_vtx_and_pix_pipe_disable_combos_01          00:00:48 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_vtx_and_pix_pipe_disable_combos_
01
   21 r400sc_pix_pipe_disable_combos_01                  00:00:44 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_pix_pipe_disable_combos_01

   22 r400sc_vtx_pipe_disable_combos_02                  00:00:22 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_vtx_pipe_disable_combos_02

   23 r400sc_vtx_and_pix_pipe_disable_combos_02          00:00:27 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_vtx_and_pix_pipe_disable_combos_
02
   24 r400sc_pix_pipe_disable_combos_02                  00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_pix_pipe_disable_combos_02

   25 r400sc_vtx_pipe_disable_combos_03                  00:00:29 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_vtx_pipe_disable_combos_03

   26 r400sc_vtx_and_pix_pipe_disable_combos_03          00:00:33 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_vtx_and_pix_pipe_disable_combos_
03
   27 r400sc_vtx_and_pix_pipe_disable_combos_04          00:08:59 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_vtx_and_pix_pipe_disable_combos_
04
   28 r400sc_pix_pipe_disable_combos_03                  00:00:32 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_pix_pipe_disable_combos_03

   29 r400sc_centers_and_centroids_state_switching_01    00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_centers_and_centroids_state_swit
ching_01
```

```
   30 r400sc_msaa_8_simple_triangle_01                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_msaa_8_simple_triangle_01

   31 r400sc_viz_query_02                                 00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_viz_query_02

   32 r400sc_pipe_disable_v0_p0_01                        00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_pipe_disable_v0_p0_01

   33 r400sc_pipe_disable_v01_p01_01                      00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_pipe_disable_v01_p01_01

   34 r400sc_pipe_disable_v2_p2_01                        00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_pipe_disable_v2_p2_01

   35 r400sc_pipe_disable_v02_p02_01                      00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_pipe_disable_v02_p02_01

   36 r400sc_pipe_disable_v12_p12_01                      00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_pipe_disable_v12_p12_01

   37 r400sc_pipe_disable_v012_p012_01                    00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_pipe_disable_v012_p012_01

   38 r400sc_pipe_disable_v3_p3_01                        00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_pipe_disable_v3_p3_01

   39 r400sc_pipe_disable_v03_p03_01                      00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_pipe_disable_v03_p03_01

   40 r400sc_pipe_disable_v13_p13_01                      00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_pipe_disable_v13_p13_01

   41 r400sc_pipe_disable_v013_p013_01                    00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_pipe_disable_v013_p013_01

   42 r400sc_pipe_disable_v23_p23_01                      00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_pipe_disable_v23_p23_01

   43 r400sc_pipe_disable_v023_p023_01                    00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_pipe_disable_v023_p023_01

   44 r400sc_pipe_disable_v123_p123_01                    00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_pipe_disable_v123_p123_01

   45 r400sc_simple_register_indirect                     00:00:09 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_simple_register_indirect
```

```
   46 r400sc_simple_triangle_01                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_simple_triangle_01

   47 r400sc_fifo_sizing_01                              00:00:21 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_fifo_sizing_01

   48 r400sc_clip_vtx_reorder_01                         00:00:33 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_clip_vtx_reorder_01

   49 r400sc_pipes_2_3_disabled_01                       00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_pipes_2_3_disabled_01

   50 r400sc_pkr_row_wrap_disable_01                     00:00:25 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_pkr_row_wrap_disable_01

   51 r400sc_pkr_row_wrap_disable_02                     00:01:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_pkr_row_wrap_disable_02

   52 r400sc_pkr_row_wrap_disable_03                     00:01:28 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_pkr_row_wrap_disable_03

   53 r400sc_pkr_row_wrap_disable_04                     00:01:27 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_pkr_row_wrap_disable_04

   54 r400sc_pkr_row_wrap_disable_05                     00:01:57 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_pkr_row_wrap_disable_05

   55 r400sc_quad_order_enable_01                        00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_quad_order_enable_01

   56 r400sc_one_quad_per_clock_enable_01                00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_one_quad_per_clock_enable_01

   57 r400sc_pix_pipes_2_3_disabled_01                   00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_pix_pipes_2_3_disabled_01

   58 r400sc_persp_corr_disable_01                       00:00:12 mkelly FAIL
 compare mismatch **
   59 r400sc_max_line_width_01                           00:00:44 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_max_line_width_01

   60 r400sc_max_line_width_02                           00:00:45 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_max_line_width_02

   61 r400sc_hw_coords_01                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_hw_coords_01

   62 r400sc_hw_coords_02                                00:00:11 mkelly PASS    mkelly
```

\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_hw_coords_02

63 r400sc_hw_coords_03 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_hw_coords_03

64 r400sc_hw_coords_04 00:00:14 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_hw_coords_04

65 r400sc_hw_coords_05 00:00:29 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_hw_coords_05

66 r400sc_baryc_01 00:00:23 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_baryc_01

67 r400sc_baryc_02 00:00:13 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_baryc_02

68 r400sc_bres_cntl_01 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_bres_cntl_01

69 r400sc_bres_cntl_02 00:00:20 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_bres_cntl_02

70 r400sc_bres_cntl_03 00:00:20 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_bres_cntl_03

71 r400sc_bres_cntl_04 00:00:22 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_bres_cntl_04

72 r400sc_bres_cntl_w2k_01 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_bres_cntl_w2k_01

73 r400sc_bres_cntl_w9x_01 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_bres_cntl_w9x_01

74 r400sc_clip_rect_01 00:00:15 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_clip_rect_01

75 r400sc_clip_rect_02 00:00:16 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_clip_rect_02

76 r400sc_clip_rect_03 00:00:15 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_clip_rect_03

77 r400sc_clip_rect_04 00:00:15 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_clip_rect_04

78 r400sc_clip_rect_fc_01 00:00:10 mkelly PASS mkelly

\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_clip_rect_fc_01

79 r400sc_clipped_triangle_polymode_line_stippled_01 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_clipped_triangle_polymode_line_s
tippled_01
80 r400sc_diamond_exit_01 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_diamond_exit_01

81 r400sc_diamond_exit_02 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_diamond_exit_02

82 r400sc_diamond_exit_03 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_diamond_exit_03

83 r400sc_diamond_exit_04 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_diamond_exit_04

84 r400sc_diamond_exit_05 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_diamond_exit_05

85 r400sc_jss_1x1_primtypes_01 00:00:14 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_jss_1x1_primtypes_01

86 r400sc_jss_1x2_01 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_jss_1x2_01

87 r400sc_jss_1x2_02 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_jss_1x2_02

88 r400sc_jss_1x2_primtypes_01 00:00:15 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_jss_1x2_primtypes_01

89 r400sc_jss_1x3_01 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_jss_1x3_01

90 r400sc_jss_1x3_02 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_jss_1x3_02

91 r400sc_jss_1x3_primtypes_01 00:00:14 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_jss_1x3_primtypes_01

92 r400sc_jss_1x4_01 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_jss_1x4_01

93 r400sc_jss_1x4_02 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_jss_1x4_02

94 r400sc_jss_1x4_primtypes_01 00:00:15 mkelly PASS mkelly

```
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_jss_1x4_primtypes_01

   95 r400sc_jss_2x1_01                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_jss_2x1_01

   96 r400sc_jss_2x1_02                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_jss_2x1_02

   97 r400sc_jss_2x1_primtypes_01                       00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_jss_2x1_primtypes_01

   98 r400sc_jss_2x2_01                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_jss_2x2_01

   99 r400sc_jss_2x2_02                                 00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_jss_2x2_02

  100 r400sc_jss_2x2_primtypes_01                       00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_jss_2x2_primtypes_01

  101 r400sc_jss_2x3_01                                 00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_jss_2x3_01

  102 r400sc_jss_2x3_02                                 00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_jss_2x3_02

  103 r400sc_jss_2x3_primtypes_01                       00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_jss_2x3_primtypes_01

  104 r400sc_jss_2x4_01                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_jss_2x4_01

  105 r400sc_jss_2x4_02                                 00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_jss_2x4_02

  106 r400sc_jss_2x4_primtypes_01                       00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_jss_2x4_primtypes_01

  107 r400sc_jss_3x1_01                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_jss_3x1_01

  108 r400sc_jss_3x1_02                                 00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_jss_3x1_02

  109 r400sc_jss_3x1_primtypes_01                       00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_jss_3x1_primtypes_01

  110 r400sc_jss_3x2_01                                 00:00:11 mkelly PASS    mkelly
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\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_jss_3x2_01

  111 r400sc_jss_3x2_02                                00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_jss_3x2_02

  112 r400sc_jss_3x2_primtypes_01                      00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_jss_3x2_primtypes_01

  113 r400sc_jss_3x3_01                                00:00:11 mkelly PASS    mkelly
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  114 r400sc_jss_3x3_02                                00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_jss_3x3_02

  115 r400sc_jss_3x3_primtypes_01                      00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_jss_3x3_primtypes_01

  116 r400sc_jss_3x4_01                                00:00:12 mkelly PASS    mkelly
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  117 r400sc_jss_3x4_02                                00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_jss_3x4_02

  118 r400sc_jss_3x4_03                                00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_jss_3x4_03

  119 r400sc_jss_3x4_primtypes_01                      00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_jss_3x4_primtypes_01

  120 r400sc_jss_4x1_01                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_jss_4x1_01

  121 r400sc_jss_4x1_02                                00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_jss_4x1_02

  122 r400sc_jss_4x1_primtypes_01                      00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_jss_4x1_primtypes_01

  123 r400sc_jss_4x2_01                                00:00:11 mkelly PASS    mkelly
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  124 r400sc_jss_4x2_02                                00:00:14 mkelly PASS    mkelly
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  125 r400sc_jss_4x2_primtypes_01                      00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_jss_4x2_primtypes_01

  126 r400sc_jss_4x3_01                                00:00:11 mkelly PASS    mkelly

\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_jss_4x3_01

  127 r400sc_jss_4x3_02                                00:00:16 mkelly PASS    mkelly
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  128 r400sc_jss_4x3_primtypes_01                      00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_jss_4x3_primtypes_01

  129 r400sc_jss_4x4_01                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_jss_4x4_01

  130 r400sc_jss_4x4_02                                00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_jss_4x4_02

  131 r400sc_jss_4x4_03                                00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_jss_4x4_03

  132 r400sc_jss_4x4_aa_mask_01                        00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_jss_4x4_aa_mask_01

  133 r400sc_jss_4x4_aa_mask_02                        00:01:08 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_jss_4x4_aa_mask_02

  134 r400sc_jss_4x4_fc_01                             00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_jss_4x4_fc_01

  135 r400sc_jss_4x4_fc_02                             00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_jss_4x4_fc_02

  136 r400sc_jss_4x4_max_dist_01                       00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_jss_4x4_max_dist_01

  137 r400sc_jss_4x4_primtypes_01                      00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_jss_4x4_primtypes_01

  138 r400sc_line_dx10_eq_0_01                         00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_line_dx10_eq_0_01

  139 r400sc_line_dx10_ge_0_01                         00:00:10 mkelly PASS    mkelly
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  140 r400sc_line_dx10_lt_0_01                         00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_line_dx10_lt_0_01

  141 r400sc_line_dy10_eq_0_01                         00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_line_dy10_eq_0_01

  142 r400sc_line_dy10_ge_0_01                         00:00:10 mkelly PASS    mkelly

\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_line_dy10_ge_0_01

  143 r400sc_line_dy10_lt_0_01                          00:00:09 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_line_dy10_lt_0_01

  144 r400sc_line_expand_width_msaa_8_01                00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_line_expand_width_msaa_8_01

  145 r400sc_line_expand_width_msaa_8_02                00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_line_expand_width_msaa_8_02

  146 r400sc_line_expand_width_msaa_8_03                00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_line_expand_width_msaa_8_03

  147 r400sc_line_jss_3x4_01                            00:00:10 mkelly PASS    mkelly
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  148 r400sc_line_list_01                               00:00:10 mkelly PASS    mkelly
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  149 r400sc_line_list_02                               00:00:10 mkelly PASS    mkelly
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  150 r400sc_line_list_03                               00:00:56 mkelly PASS    mkelly
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  151 r400sc_line_list_04                               00:01:02 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_line_list_04

  152 r400sc_line_list_05                               00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_line_list_05

  153 r400sc_line_list_06                               00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_line_list_06

  154 r400sc_line_list_07                               00:00:13 mkelly PASS    mkelly
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  155 r400sc_line_list_08                               00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_line_list_08

  156 r400sc_line_list_09                               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_line_list_09

  157 r400sc_line_list_10                               00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_line_list_10

  158 r400sc_line_list_11                               00:00:12 mkelly PASS    mkelly

\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_line_list_11

  159 r400sc_line_list_12                                00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_line_list_12

  160 r400sc_line_list_13                                00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_line_list_13

  161 r400sc_line_list_14                                00:00:10 mkelly PASS    mkelly
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  162 r400sc_line_list_15                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_line_list_15

  163 r400sc_line_list_16                                00:00:11 mkelly PASS    mkelly
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  164 r400sc_line_list_17                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_line_list_17

  165 r400sc_line_list_18                                00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_line_list_18

  166 r400sc_line_list_concentric_circle_01              00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_line_list_concentric_circle_01

  167 r400sc_line_list_concentric_circle_02              00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_line_list_concentric_circle_02

  168 r400sc_line_list_concentric_circle_03              00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_line_list_concentric_circle_03

  169 r400sc_line_list_textured_01                       00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_line_list_textured_01

  170 r400sc_line_list_verify_st_01                      00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_line_list_verify_st_01

  171 r400sc_line_msaa_8_01                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_line_msaa_8_01

  172 r400sc_line_msaa_8_textured_01                     00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_line_msaa_8_textured_01

  173 r400sc_line_msaa_8_textured_fc_01                  00:00:12 mkelly PASS    mkelly
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  174 r400sc_line_stipple_01                             00:00:10 mkelly PASS    mkelly

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175 r400sc_line_stipple_02 00:00:10 mkelly PASS mkelly
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176 r400sc_line_stipple_03 00:00:10 mkelly PASS mkelly
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177 r400sc_line_stipple_04 00:00:10 mkelly PASS mkelly
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178 r400sc_line_stipple_05 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_line_stipple_05

179 r400sc_line_stipple_06 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_line_stipple_06

180 r400sc_line_stipple_07 00:00:17 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_line_stipple_07

181 r400sc_line_stipple_08 00:00:16 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_line_stipple_08

182 r400sc_line_stipple_09 00:00:15 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_line_stipple_09

183 r400sc_line_stipple_10 00:00:13 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_line_stipple_10

184 r400sc_line_stipple_11 00:00:13 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_line_stipple_11

185 r400sc_line_stipple_12 00:00:13 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_line_stipple_12

186 r400sc_line_stipple_13 00:00:13 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_line_stipple_13

187 r400sc_line_stipple_14 00:00:13 mkelly PASS mkelly
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188 r400sc_line_stipple_15 00:00:19 mkelly PASS mkelly
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189 r400sc_line_stipple_16 00:00:18 mkelly PASS mkelly
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190 r400sc_line_stipple_17 00:00:22 mkelly PASS mkelly

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191 r400sc_line_stipple_18 00:00:14 mkelly PASS mkelly
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192 r400sc_line_stipple_19 00:00:23 mkelly PASS mkelly
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193 r400sc_line_stipple_20 00:00:22 mkelly PASS mkelly
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194 r400sc_line_stipple_21 00:00:22 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_line_stipple_21

195 r400sc_line_stipple_22 00:00:22 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_line_stipple_22

196 r400sc_line_stipple_23 00:00:21 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_line_stipple_23

197 r400sc_line_stipple_fc_08 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_line_stipple_fc_08

198 r400sc_line_strip_stipple_01 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_line_strip_stipple_01

199 r400sc_msaa_1_01 00:00:14 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_msaa_1_01

200 r400sc_msaa_1_primtypes_01 00:00:13 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_msaa_1_primtypes_01

201 r400sc_msaa_1_rectangle_list_01 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_msaa_1_rectangle_list_01

202 r400sc_msaa_1_rectangle_list_02 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_msaa_1_rectangle_list_02

203 r400sc_msaa_1_rectangle_list_03 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_msaa_1_rectangle_list_03

204 r400sc_msaa_1_rectangle_list_04 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_msaa_1_rectangle_list_04

205 r400sc_msaa_1_rectangle_list_05 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_msaa_1_rectangle_list_05

206 r400sc_msaa_1_rectangle_list_06 00:00:10 mkelly PASS mkelly

\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_msaa_1_rectangle_list_06

  207 r400sc_msaa_1_rectangle_list_07                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_msaa_1_rectangle_list_07

  208 r400sc_msaa_1_rectangle_list_08                    00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_msaa_1_rectangle_list_08

  209 r400sc_msaa_1_zbuffer_rectangle_list_01            00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_msaa_1_zbuffer_rectangle_list_01

  210 r400sc_msaa_1_zbuffer_rectangle_list_02            00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_msaa_1_zbuffer_rectangle_list_02

  211 r400sc_msaa_2_primtypes_01                         00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_msaa_2_primtypes_01

  212 r400sc_msaa_2_rectangle_list_01                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_msaa_2_rectangle_list_01

  213 r400sc_msaa_2_rectangle_list_02                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_msaa_2_rectangle_list_02

  214 r400sc_msaa_2_rectangle_list_03                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_msaa_2_rectangle_list_03

  215 r400sc_msaa_2_rectangle_list_04                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_msaa_2_rectangle_list_04

  216 r400sc_msaa_2_rectangle_list_05                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_msaa_2_rectangle_list_05

  217 r400sc_msaa_2_rectangle_list_06                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_msaa_2_rectangle_list_06

  218 r400sc_msaa_2_rectangle_list_07                    00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_msaa_2_rectangle_list_07

  219 r400sc_msaa_2_rectangle_list_08                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_msaa_2_rectangle_list_08

  220 r400sc_msaa_2_zbuffer_rectangle_list_01            00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_msaa_2_zbuffer_rectangle_list_01

  221 r400sc_msaa_2_zbuffer_rectangle_list_02            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_msaa_2_zbuffer_rectangle_list_02

  222 r400sc_msaa_3_primtypes_01                         00:00:13 mkelly PASS    mkelly

\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_msaa_3_primtypes_01

  223 r400sc_msaa_3_rectangle_list_01                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_msaa_3_rectangle_list_01

  224 r400sc_msaa_3_rectangle_list_02                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_msaa_3_rectangle_list_02

  225 r400sc_msaa_3_rectangle_list_03                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_msaa_3_rectangle_list_03

  226 r400sc_msaa_3_rectangle_list_04                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_msaa_3_rectangle_list_04

  227 r400sc_msaa_3_rectangle_list_05                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_msaa_3_rectangle_list_05

  228 r400sc_msaa_3_rectangle_list_06                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_msaa_3_rectangle_list_06

  229 r400sc_msaa_3_rectangle_list_07                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_msaa_3_rectangle_list_07

  230 r400sc_msaa_3_rectangle_list_08                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_msaa_3_rectangle_list_08

  231 r400sc_msaa_3_zbuffer_rectangle_list_01            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_msaa_3_zbuffer_rectangle_list_01

  232 r400sc_msaa_3_zbuffer_rectangle_list_02            00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_msaa_3_zbuffer_rectangle_list_02

  233 r400sc_msaa_4_01                                   00:00:15 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_msaa_4_01

  234 r400sc_msaa_4_primtypes_01                         00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_msaa_4_primtypes_01

  235 r400sc_msaa_4_rectangle_list_01                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_msaa_4_rectangle_list_01

  236 r400sc_msaa_4_rectangle_list_02                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_msaa_4_rectangle_list_02

  237 r400sc_msaa_4_rectangle_list_03                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_msaa_4_rectangle_list_03

  238 r400sc_msaa_4_rectangle_list_04                    00:00:10 mkelly PASS    mkelly

\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_msaa_4_rectangle_list_04

239 r400sc_msaa_4_rectangle_list_05 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_msaa_4_rectangle_list_05

240 r400sc_msaa_4_rectangle_list_06 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_msaa_4_rectangle_list_06

241 r400sc_msaa_4_rectangle_list_07 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_msaa_4_rectangle_list_07

242 r400sc_msaa_4_rectangle_list_08 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_msaa_4_rectangle_list_08

243 r400sc_msaa_4_zbuffer_rectangle_list_01 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_msaa_4_zbuffer_rectangle_list_01

244 r400sc_msaa_4_zbuffer_rectangle_list_02 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_msaa_4_zbuffer_rectangle_list_02

245 r400sc_msaa_6_01 00:00:15 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_msaa_6_01

246 r400sc_msaa_6_primtypes_01 00:00:14 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_msaa_6_primtypes_01

247 r400sc_msaa_6_rectangle_list_01 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_msaa_6_rectangle_list_01

248 r400sc_msaa_6_rectangle_list_02 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_msaa_6_rectangle_list_02

249 r400sc_msaa_6_rectangle_list_03 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_msaa_6_rectangle_list_03

250 r400sc_msaa_6_rectangle_list_04 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_msaa_6_rectangle_list_04

251 r400sc_msaa_6_rectangle_list_05 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_msaa_6_rectangle_list_05

252 r400sc_msaa_6_rectangle_list_06 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_msaa_6_rectangle_list_06

253 r400sc_msaa_6_rectangle_list_07 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_msaa_6_rectangle_list_07

254 r400sc_msaa_6_rectangle_list_08 00:00:10 mkelly PASS mkelly

\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_msaa_6_rectangle_list_08

255 r400sc_msaa_6_zbuffer_rectangle_list_01 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_msaa_6_zbuffer_rectangle_list_01

256 r400sc_msaa_6_zbuffer_rectangle_list_02 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_msaa_6_zbuffer_rectangle_list_02

257 r400sc_msaa_8_01 00:00:14 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_msaa_8_01

258 r400sc_msaa_8_02 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_msaa_8_02

259 r400sc_msaa_8_03 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_msaa_8_03

260 r400sc_msaa_8_04 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_msaa_8_04

261 r400sc_msaa_8_05 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_msaa_8_05

262 r400sc_msaa_8_aa_mask_01 00:00:14 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_msaa_8_aa_mask_01

263 r400sc_msaa_8_aa_mask_02 00:00:27 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_msaa_8_aa_mask_02

264 r400sc_msaa_8_aa_mask_fc_02 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_msaa_8_aa_mask_fc_02

265 r400sc_msaa_8_primtypes_01 00:00:14 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_msaa_8_primtypes_01

266 r400sc_msaa_8_rectangle_list_01 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_msaa_8_rectangle_list_01

267 r400sc_msaa_8_rectangle_list_02 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_msaa_8_rectangle_list_02

268 r400sc_msaa_8_rectangle_list_03 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_msaa_8_rectangle_list_03

269 r400sc_msaa_8_rectangle_list_04 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_msaa_8_rectangle_list_04

270 r400sc_msaa_8_rectangle_list_05 00:00:10 mkelly PASS mkelly

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\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_msaa_8_rectangle_list_05

  271 r400sc_msaa_8_rectangle_list_06                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_msaa_8_rectangle_list_06

  272 r400sc_msaa_8_rectangle_list_07                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_msaa_8_rectangle_list_07

  273 r400sc_msaa_8_rectangle_list_08                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_msaa_8_rectangle_list_08

  274 r400sc_msaa_8_zbuffer_rectangle_list_01            00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_msaa_8_zbuffer_rectangle_list_01

  275 r400sc_msaa_8_zbuffer_rectangle_list_02            00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_msaa_8_zbuffer_rectangle_list_02

  276 r400sc_null_triangles_01                           00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_null_triangles_01

  277 r400sc_null_triangles_fc_01                        00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_null_triangles_fc_01

  278 r400sc_packed_color_01                             00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_packed_color_01

  279 r400sc_perf_01                                     00:00:14 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_perf_01

  280 r400sc_perf_02                                     00:00:13 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_perf_02

  281 r400sc_perf_03                                     00:00:13 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_perf_03

  282 r400sc_pinwheel_01                                 00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_pinwheel_01

  283 r400sc_pinwheel_02                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_pinwheel_02

  284 r400sc_point_jss_3x4_01                            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_point_jss_3x4_01

  285 r400sc_point_list_01                               00:00:26 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_point_list_01

  286 r400sc_point_list_02                               00:00:12 mkelly PASS    mkelly
```

\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_point_list_02

287 r400sc_point_list_03 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_point_list_03

288 r400sc_point_list_04 00:00:26 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_point_list_04

289 r400sc_point_list_05 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_point_list_05

290 r400sc_point_list_06 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_point_list_06

291 r400sc_point_list_07 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_point_list_07

292 r400sc_point_list_08 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_point_list_08

293 r400sc_point_list_09 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_point_list_09

294 r400sc_point_msaa_8_01 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_point_msaa_8_01

295 r400sc_poly_offset_01 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_poly_offset_01

296 r400sc_poly_offset_02 00:00:15 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_poly_offset_02

297 r400sc_poly_offset_03 00:00:57 mkelly FAIL
compare mismatch **
298 r400sc_poly_offset_04 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_poly_offset_04

299 r400sc_poly_offset_05 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_poly_offset_05

300 r400sc_poly_offset_06 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_poly_offset_06

301 r400sc_poly_offset_07 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_poly_offset_07

302 r400sc_poly_offset_08 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_poly_offset_08

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  303 r400sc_poly_offset_09                           00:00:59 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_poly_offset_09

  304 r400sc_poly_offset_10                           00:00:57 mkelly FAIL
 gold or cmp file mis
  305 r400sc_poly_offset_fc_01                        00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_poly_offset_fc_01

  306 r400sc_polygon_stipple_01                       00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_polygon_stipple_01

  307 r400sc_polymode_tri_fill_01                     00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_polymode_tri_fill_01

  308 r400sc_prsp_byc_intrp_ref_pix_01                00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_prsp_byc_intrp_ref_pix_01

  309 r400sc_prsp_byc_intrp_ref_pix_02                00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_prsp_byc_intrp_ref_pix_02

  310 r400sc_prsp_byc_intrp_ref_pix_03                00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_prsp_byc_intrp_ref_pix_03

  311 r400sc_prsp_byc_intrp_ref_pix_04                00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_prsp_byc_intrp_ref_pix_04

  312 r400sc_prsp_byc_intrp_ref_pix_05                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_prsp_byc_intrp_ref_pix_05

  313 r400sc_prsp_byc_intrp_ref_pix_06                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_prsp_byc_intrp_ref_pix_06

  314 r400sc_prsp_byc_intrp_ref_pix_07                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_prsp_byc_intrp_ref_pix_07

  315 r400sc_prsp_byc_intrp_ref_pix_08                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_prsp_byc_intrp_ref_pix_08

  316 r400sc_raster_fill_rule_01                      00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_raster_fill_rule_01

  317 r400sc_raster_fill_rule_02                      00:00:45 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_raster_fill_rule_02

  318 r400sc_raster_fill_rule_03                      00:00:33 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_raster_fill_rule_03
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  319 r400sc_raster_fill_rule_04                          00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_raster_fill_rule_04

  320 r400sc_raster_fill_rule_05                          00:00:22 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_raster_fill_rule_05

  321 r400sc_raster_fill_rule_06                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_raster_fill_rule_06

  322 r400sc_raster_fill_rule_07                          00:00:26 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_raster_fill_rule_07

  323 r400sc_raster_fill_rule_08                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_raster_fill_rule_08

  324 r400sc_raster_fill_rule_09                          00:00:27 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_raster_fill_rule_09

  325 r400sc_raster_fill_rule_10                          00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_raster_fill_rule_10

  326 r400sc_raster_fill_rule_11                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_raster_fill_rule_11

  327 r400sc_raster_fill_rule_12                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_raster_fill_rule_12

  328 r400sc_raster_fill_rule_13                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_raster_fill_rule_13

  329 r400sc_raster_fill_rule_14                          00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_raster_fill_rule_14

  330 r400sc_raster_fill_rule_15                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_raster_fill_rule_15

  331 r400sc_raster_fill_rule_16                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_raster_fill_rule_16

  332 r400sc_raster_fill_rule_17                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_raster_fill_rule_17

  333 r400sc_raster_fill_rule_18                          00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_raster_fill_rule_18

  334 r400sc_raster_fill_rule_19                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_raster_fill_rule_19
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  335 r400sc_raster_fill_rule_20                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_raster_fill_rule_20

  336 r400sc_raster_fill_rule_21                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_raster_fill_rule_21

  337 r400sc_raster_fill_rule_22                          00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_raster_fill_rule_22

  338 r400sc_raster_fill_rule_23                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_raster_fill_rule_23

  339 r400sc_raster_fill_rule_24                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_raster_fill_rule_24

  340 r400sc_raster_fill_rule_25                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_raster_fill_rule_25

  341 r400sc_raster_fill_rule_26                          00:00:22 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_raster_fill_rule_26

  342 r400sc_raster_fill_rule_fc_01                       00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_raster_fill_rule_fc_01

  343 r400sc_rbbm_reg_read                                00:00:06 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_rbbm_reg_read

  344 r400sc_rectangle_list_01                            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_rectangle_list_01

  345 r400sc_rectangle_list_02                            00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_rectangle_list_02

  346 r400sc_rectangle_list_03                            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_rectangle_list_03

  347 r400sc_rectangle_list_04                            00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_rectangle_list_04

  348 r400sc_rectangle_list_05                            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_rectangle_list_05

  349 r400sc_rectangle_list_06                            00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_rectangle_list_06

  350 r400sc_rectangle_list_07                            00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_rectangle_list_07
```

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  351 r400sc_rectangle_list_08                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_rectangle_list_08

  352 r400sc_scissor_rect_01                            00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_scissor_rect_01

  353 r400sc_scissor_rect_02                            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_scissor_rect_02

  354 r400sc_scissor_rect_03                            00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_scissor_rect_03

  355 r400sc_scissor_rect_04                            00:00:22 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_scissor_rect_04

  356 r400sc_scissor_rect_05                            00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_scissor_rect_05

  357 r400sc_scissor_rect_fc_01                         00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_scissor_rect_fc_01

  358 r400sc_set_state_01                               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_set_state_01

  359 r400sc_sp_sample_cntl_01                          00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_sp_sample_cntl_01

  360 r400sc_sp_sample_cntl_02                          00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_sp_sample_cntl_02

  361 r400sc_sp_sample_cntl_03                          00:00:31 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_sp_sample_cntl_03

  362 r400sc_sp_sample_cntl_04                          00:00:31 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_sp_sample_cntl_04

  363 r400sc_sp_sample_cntl_05                          00:00:27 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_sp_sample_cntl_05

  364 r400sc_sp_sample_cntl_06                          00:00:30 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_sp_sample_cntl_06

  365 r400sc_sp_sample_cntl_07                          00:00:28 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_sp_sample_cntl_07

  366 r400sc_sp_sample_cntl_08                          00:00:27 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_sp_sample_cntl_08
```

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  367 r400sc_sp_sample_cntl_09                          00:00:12 mkelly FAIL
 gold or cmp file mis
  368 r400sc_sp_sample_cntl_10                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_sp_sample_cntl_10

  369 r400sc_sp_sample_cntl_fc_03                       00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_sp_sample_cntl_fc_03

  370 r400sc_sp_sample_cntl_fc_05                       00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_sp_sample_cntl_fc_05

  371 r400sc_tri_16_par_64_dwords_01                    00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_tri_16_par_64_dwords_01

  372 r400sc_tri_8textures_01                           00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_tri_8textures_01

  373 r400sc_tri_8textures_02                           00:00:24 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_tri_8textures_02

  374 r400sc_tri_walk_start_vertex_01                   00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_tri_walk_start_vertex_01

  375 r400sc_tri_walk_start_vertex_02                   00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_tri_walk_start_vertex_02

  376 r400sc_tri_walk_start_vertex_03                   00:00:20 mkelly FAIL
 compare mismatch **
  377 r400sc_tri_walk_start_vertex_04                   00:00:19 mkelly FAIL
 compare mismatch **
  378 r400sc_tri_walk_start_vertex_05                   00:00:19 mkelly FAIL
 compare mismatch **
  379 r400sc_tri_walk_start_vertex_06                   00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_tri_walk_start_vertex_06

  380 r400sc_tri_walk_start_vertex_07                   00:00:20 mkelly FAIL
 compare mismatch **
  381 r400sc_tri_walk_start_vertex_08                   00:00:20 mkelly FAIL
 compare mismatch **
  382 r400sc_tri_walk_start_vertex_09                   00:00:19 mkelly FAIL
 compare mismatch **
  383 r400sc_tri_walk_start_vertex_10                   00:00:19 mkelly FAIL
 compare mismatch **
  384 r400sc_tri_walk_start_vertex_11                   00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_tri_walk_start_vertex_11

  385 r400sc_tri_walk_start_vertex_12                   00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_tri_walk_start_vertex_12
```

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  386 r400sc_tri_walk_start_vertex_13                    00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_tri_walk_start_vertex_13

  387 r400sc_tri_walk_start_vertex_14                    00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_tri_walk_start_vertex_14

  388 r400sc_tri_walk_start_vertex_15                    00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_tri_walk_start_vertex_15

  389 r400sc_tri_walk_start_vertex_16                    00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_tri_walk_start_vertex_16

  390 r400sc_triangle_stipple_01                         00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_triangle_stipple_01

  391 r400sc_window_offset_01                            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_window_offset_01

  392 r400sc_window_offset_02                            00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_window_offset_02

  393 r400sc_window_offset_03                            00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_window_offset_03

  394 r400sc_window_offset_04                            00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_window_offset_04

  395 r400sc_window_offset_05                            00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_window_offset_05

  396 r400sc_window_offset_fc_01                         00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_window_offset_fc_01

  397 r400sc_window_scis_01                              00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_window_scis_01

  398 r400sc_zbuffer_line_list_01                        00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_zbuffer_line_list_01

  399 r400sc_zbuffer_point_list_01                       00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_zbuffer_point_list_01

  400 r400sc_zbuffer_rectangle_list_01                   00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_zbuffer_rectangle_list_01

  401 r400sc_zbuffer_rectangle_list_02                   00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_zbuffer_rectangle_list_02
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  402 r400sc_zbuffer_rectangle_list_fc_02               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_zbuffer_rectangle_list_fc_02

  403 r400sc_zbuffer_triangle_list_01                  00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400sc_zbuffer_triangle_list_01

  404 r400cl_clip_vertex_reorder_01                    00:00:14 mkelly FAIL
 compare mismatch **
  405 r400cl_gband_variations_01                       00:00:34 mkelly FAIL
 compare mismatch **
  406 r400cl_gband_variations_infNan_01                00:00:28 mkelly FAIL
 compare mismatch **
  407 r400cl_nan_kill_combo_01                         00:01:25 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_nan_kill_combo_01

  408 r400cl_triangle_plane_01                         00:00:32 mkelly FAIL
 compare mismatch **
  409 r400cl_edgeflags_lineFill_gband_01               00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_edgeflags_lineFill_gband_01

  410 r400cl_edgeflags_lineFill_gband_02               00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_edgeflags_lineFill_gband_02

  411 r400cl_edgeflags_lineFill_gband_03               00:00:15 mkelly FAIL
 compare mismatch **
  412 r400cl_edgeflags_lineFill_gband_04               00:00:15 mkelly FAIL
 compare mismatch **
  413 r400cl_edgeflags_lineFill_gband_05               00:00:17 mkelly FAIL
 compare mismatch **
  414 r400cl_edgeflags_lineFill_gband_horzClip_06      00:00:14 mkelly FAIL
 compare mismatch **
  415 r400cl_edgeflags_lineFill_gband_vertClip_06      00:00:14 mkelly FAIL
 compare mismatch **
  416 r400cl_edgeflags_lineFill_gband_07               00:00:33 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_edgeflags_lineFill_gband_07

  417 r400cl_edgeflags_pointFill_gband_01              00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_edgeflags_pointFill_gband_01

  418 r400cl_edgeflags_pointFill_gband_02              00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_edgeflags_pointFill_gband_02

  419 r400cl_edgeflags_pointFill_gband_03              00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_edgeflags_pointFill_gband_03

  420 r400cl_edgeflags_pointFill_gband_04              00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_edgeflags_pointFill_gband_04
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  421 r400cl_edgeflags_pointFill_gband_05                00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_edgeflags_pointFill_gband_05

  422 r400cl_edgeflags_pointFill_gband_horzClip_06       00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_edgeflags_pointFill_gband_horzCl
ip_06
  423 r400cl_edgeflags_pointFill_gband_vertClip_06       00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_edgeflags_pointFill_gband_vertCl
ip_06
  424 r400cl_edgeflags_pointFill_gband_07                00:00:31 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_edgeflags_pointFill_gband_07

  425 r400cl_gband_tcl_01                                00:00:27 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_gband_tcl_01

  426 r400cl_clip_space_dx_ogl_02                        00:00:25 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_clip_space_dx_ogl_02

  427 r400cl_barycentric_clip_perspective_01             00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_barycentric_clip_perspective_01

  428 r400cl_barycentric_clip_perspective_02             00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_barycentric_clip_perspective_02

  429 r400cl_barycentric_clip_perspective_03             00:00:16 mkelly FAIL
 compare mismatch **
  430 r400cl_barycentric_clip_perspective_04             00:00:16 mkelly FAIL
 compare mismatch **
  431 r400cl_gband_triclip_01                            00:00:12 mkelly FAIL
 compare mismatch **
  432 r400cl_gband_point_01                              00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_gband_point_01

  433 r400cl_edgeflags_pointFill_01                      00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_edgeflags_pointFill_01

  434 r400cl_edgeflags_pointFill_02                      00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_edgeflags_pointFill_02

  435 r400cl_edgeflags_pointFill_03                      00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_edgeflags_pointFill_03

  436 r400cl_edgeflags_pointFill_04                      00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_edgeflags_pointFill_04

  437 r400cl_edgeflags_pointFill_05                      00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_edgeflags_pointFill_05
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  438 r400cl_edgeflags_pointFill_vertClip_06             00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_edgeflags_pointFill_vertClip_06

  439 r400cl_edgeflags_pointFill_horzClip_06             00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_edgeflags_pointFill_horzClip_06

  440 r400cl_edgeflags_pointFill_07                      00:00:31 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_edgeflags_pointFill_07

  441 r400cl_ucp_combo_quadstrip_01                      00:00:49 mkelly FAIL
 compare mismatch **
  442 r400cl_ucp_combo_polygon_01                        00:00:48 mkelly FAIL
 compare mismatch **
  443 r400cl_ucp_cube_02                                 00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_ucp_cube_02

  444 r400cl_ucp_cube_01                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_ucp_cube_01

  445 r400cl_frustum_point_01                            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_point_01

  446 r400cl_vertex_reuse_clip_02                        00:00:56 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_vertex_reuse_clip_02

  447 r400cl_vertex_reuse_clip_03                        00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_vertex_reuse_clip_03

  448 r400cl_point_ucp_clip_mode3_cull_enable_01         00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_point_ucp_clip_mode3_cull_enable
_01
  449 r400cl_point_ucp_clip_mode3_cull_disable_01        00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_point_ucp_clip_mode3_cull_disabl
e_01
  450 r400cl_point_ucp_clip_mode2_cull_enable_01         00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_point_ucp_clip_mode2_cull_enable
_01
  451 r400cl_point_ucp_clip_mode2_cull_disable_01        00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_point_ucp_clip_mode2_cull_disabl
e_01
  452 r400cl_point_ucp_clip_mode1_cull_disable_01        00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_point_ucp_clip_mode1_cull_disabl
e_01
  453 r400cl_point_ucp_clip_mode0_cull_disable_01        00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_point_ucp_clip_mode0_cull_disabl
e_01
  454 r400cl_point_gband_clip_01                         00:00:11 mkelly PASS    mkelly
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\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_point_gband_clip_01

  455 r400cl_point_frustum_clip_01                      00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_point_frustum_clip_01

  456 r400cl_point_size_ucp_combo_01                    00:00:28 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_point_size_ucp_combo_01

  457 r400cl_frustum_LR_TB_01                           00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_LR_TB_01

  458 r400cl_edgeflags_05                               00:00:16 mkelly FAIL
 compare mismatch **
  459 r400cl_edgeflags_06                               00:00:13 mkelly FAIL
 compare mismatch **
  460 r400cl_edgeflags_07                               00:00:30 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_edgeflags_07

  461 r400cl_cull_only_ena_02                           00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_cull_only_ena_02

  462 r400cl_cull_only_ena_03                           00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_cull_only_ena_03

  463 r400cl_barycentric_texture_01                     00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_barycentric_texture_01

  464 r400cl_clip_10_verts_01                           00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_clip_10_verts_01

  465 r400cl_clip_disable_01                            00:00:21 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_clip_disable_01

  466 r400cl_clip_space_dx_ogl_01                       00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_clip_space_dx_ogl_01

  467 r400cl_clip_ucp_6bits_01                          00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_clip_ucp_6bits_01

  468 r400cl_cull_only_ena_01                           00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_cull_only_ena_01

  469 r400cl_edgeflags_01                               00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_edgeflags_01

  470 r400cl_edgeflags_02                               00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_edgeflags_02
```

```
  471 r400cl_edgeflags_03                                 00:00:13 mkelly FAIL
 compare mismatch **
  472 r400cl_edgeflags_04                                 00:00:13 mkelly FAIL
 compare mismatch **
  473 r400cl_edgeflags_frustum_bottom_01                  00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_edgeflags_frustum_bottom_01

  474 r400cl_edgeflags_frustum_far_01                     00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_edgeflags_frustum_far_01

  475 r400cl_edgeflags_frustum_left_01                    00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_edgeflags_frustum_left_01

  476 r400cl_edgeflags_frustum_near_01                    00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_edgeflags_frustum_near_01

  477 r400cl_edgeflags_frustum_right_01                   00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_edgeflags_frustum_right_01

  478 r400cl_edgeflags_frustum_top_01                     00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_edgeflags_frustum_top_01

  479 r400cl_edgeflags_gband_01                           00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_edgeflags_gband_01

  480 r400cl_edgeflags_gband_bottom_01                    00:00:21 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_edgeflags_gband_bottom_01

  481 r400cl_edgeflags_gband_left_01                      00:00:21 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_edgeflags_gband_left_01

  482 r400cl_edgeflags_gband_right_01                     00:00:21 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_edgeflags_gband_right_01

  483 r400cl_edgeflags_gband_top_01                       00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_edgeflags_gband_top_01

  484 r400cl_edgeflags_texture_sample_01                  00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_edgeflags_texture_sample_01

  485 r400cl_frustum_01                                   00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_01

  486 r400cl_frustum_02                                   00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_02

  487 r400cl_frustum_03                                   00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_03
```

```
  488 r400cl_frustum_04                                 00:00:26 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_04

  489 r400cl_frustum_05                                 00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_05

  490 r400cl_frustum_06                                 00:00:24 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_06

  491 r400cl_frustum_07                                 00:00:24 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_07

  492 r400cl_frustum_08                                 00:00:27 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_08

  493 r400cl_frustum_09                                 00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_09

  494 r400cl_frustum_10                                 00:00:24 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_10

  495 r400cl_frustum_11                                 00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_11

  496 r400cl_frustum_12                                 00:00:27 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_12

  497 r400cl_frustum_13                                 00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_13

  498 r400cl_frustum_14                                 00:00:24 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_14

  499 r400cl_frustum_15                                 00:00:24 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_15

  500 r400cl_frustum_16                                 00:00:25 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_16

  501 r400cl_frustum_17                                 00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_17

  502 r400cl_frustum_18                                 00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_18

  503 r400cl_frustum_19                                 00:00:24 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_19
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  504 r400cl_frustum_20                                00:00:26 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_20

  505 r400cl_frustum_21                                00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_21

  506 r400cl_frustum_22                                00:00:24 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_22

  507 r400cl_frustum_23                                00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_23

  508 r400cl_frustum_24                                00:00:26 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_24

  509 r400cl_frustum_25                                00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_25

  510 r400cl_frustum_26                                00:00:24 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_26

  511 r400cl_frustum_27                                00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_27

  512 r400cl_frustum_28                                00:00:28 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_28

  513 r400cl_frustum_29                                00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_29

  514 r400cl_frustum_30                                00:00:24 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_30

  515 r400cl_frustum_31                                00:00:24 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_31

  516 r400cl_frustum_32                                00:00:27 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_32

  517 r400cl_frustum_33                                00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_33

  518 r400cl_frustum_34                                00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_34

  519 r400cl_frustum_35                                00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_35
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  520 r400cl_frustum_36                                00:00:27 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_36

  521 r400cl_frustum_37                                00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_37

  522 r400cl_frustum_38                                00:00:22 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_38

  523 r400cl_frustum_39                                00:00:21 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_39

  524 r400cl_frustum_40                                00:00:22 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_40

  525 r400cl_frustum_41                                00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_41

  526 r400cl_frustum_42                                00:00:22 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_42

  527 r400cl_frustum_43                                00:00:22 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_43

  528 r400cl_frustum_44                                00:00:24 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_44

  529 r400cl_frustum_45                                00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_45

  530 r400cl_frustum_46                                00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_46

  531 r400cl_frustum_47                                00:00:21 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_47

  532 r400cl_frustum_48                                00:00:24 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_48

  533 r400cl_frustum_49                                00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_49

  534 r400cl_frustum_50                                00:00:22 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_50

  535 r400cl_frustum_51                                00:00:22 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_51
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  536 r400cl_frustum_52                                 00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_52

  537 r400cl_frustum_53                                 00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_53

  538 r400cl_frustum_54                                 00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_54

  539 r400cl_frustum_55                                 00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_55

  540 r400cl_frustum_56                                 00:00:24 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_56

  541 r400cl_frustum_57                                 00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_57

  542 r400cl_frustum_58                                 00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_58

  543 r400cl_frustum_59                                 00:00:22 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_59

  544 r400cl_frustum_60                                 00:00:24 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_60

  545 r400cl_frustum_61                                 00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_61

  546 r400cl_frustum_62                                 00:00:22 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_62

  547 r400cl_frustum_63                                 00:00:22 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_63

  548 r400cl_frustum_64                                 00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_64

  549 r400cl_frustum_65                                 00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_65

  550 r400cl_frustum_66                                 00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_66

  551 r400cl_frustum_67                                 00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_67
```

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  552 r400cl_frustum_68                                 00:00:24 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_68

  553 r400cl_frustum_69                                 00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_69

  554 r400cl_frustum_70                                 00:00:22 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_70

  555 r400cl_frustum_71                                 00:00:22 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_71

  556 r400cl_frustum_72                                 00:00:24 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_72

  557 r400cl_frustum_76                                 00:00:26 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_76

  558 r400cl_frustum_81                                 00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_81

  559 r400cl_frustum_86                                 00:00:22 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_86

  560 r400cl_frustum_91                                 00:00:22 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_91

  561 r400cl_frustum_96                                 00:00:25 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_96

  562 r400cl_frustum_LFT_combos_01                      00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_LFT_combos_01

  563 r400cl_frustum_LFT_rotated_01                     00:00:36 mkelly FAIL
 compare mismatch **
  564 r400cl_frustum_all_vols_lines                     00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_all_vols_lines

  565 r400cl_frustum_all_vols_tris                      00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_all_vols_tris

  566 r400cl_frustum_lines_01                           00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_lines_01

  567 r400cl_frustum_lines_02                           00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_lines_02
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  568 r400cl_frustum_lines_03                          00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_lines_03

  569 r400cl_frustum_lines_04                          00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_lines_04

  570 r400cl_frustum_lines_05                          00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_lines_05

  571 r400cl_frustum_lines_06                          00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_lines_06

  572 r400cl_frustum_lines_07                          00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_lines_07

  573 r400cl_frustum_lines_08                          00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_lines_08

  574 r400cl_frustum_lines_09                          00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_lines_09

  575 r400cl_frustum_lines_10                          00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_lines_10

  576 r400cl_frustum_lines_101                         00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_lines_101

  577 r400cl_frustum_lines_102                         00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_lines_102

  578 r400cl_frustum_lines_103                         00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_lines_103

  579 r400cl_frustum_lines_104                         00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_lines_104

  580 r400cl_frustum_lines_105                         00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_lines_105

  581 r400cl_frustum_lines_106                         00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_lines_106

  582 r400cl_frustum_lines_107                         00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_lines_107

  583 r400cl_frustum_lines_108                         00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_lines_108
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  584 r400cl_frustum_lines_11                          00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_lines_11

  585 r400cl_frustum_lines_12                          00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_lines_12

  586 r400cl_frustum_lines_13                          00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_lines_13

  587 r400cl_frustum_lines_14                          00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_lines_14

  588 r400cl_frustum_lines_15                          00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_lines_15

  589 r400cl_frustum_lines_16                          00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_lines_16

  590 r400cl_frustum_lines_17                          00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_lines_17

  591 r400cl_frustum_lines_18                          00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_lines_18

  592 r400cl_frustum_lines_19                          00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_lines_19

  593 r400cl_frustum_lines_20                          00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_lines_20

  594 r400cl_frustum_lines_21                          00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_lines_21

  595 r400cl_frustum_lines_22                          00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_lines_22

  596 r400cl_frustum_lines_23                          00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_lines_23

  597 r400cl_frustum_lines_24                          00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_lines_24

  598 r400cl_frustum_lines_25                          00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_lines_25

  599 r400cl_frustum_lines_26                          00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_lines_26
```

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  600 r400cl_frustum_lines_27                          00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_lines_27

  601 r400cl_frustum_lines_28                          00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_lines_28

  602 r400cl_frustum_lines_29                          00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_lines_29

  603 r400cl_frustum_lines_30                          00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_lines_30

  604 r400cl_frustum_lines_31                          00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_lines_31

  605 r400cl_frustum_lines_32                          00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_lines_32

  606 r400cl_frustum_lines_33                          00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_lines_33

  607 r400cl_frustum_lines_34                          00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_lines_34

  608 r400cl_frustum_lines_35                          00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_lines_35

  609 r400cl_frustum_lines_36                          00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_lines_36

  610 r400cl_frustum_lines_37                          00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_lines_37

  611 r400cl_frustum_lines_38                          00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_lines_38

  612 r400cl_frustum_lines_39                          00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_lines_39

  613 r400cl_frustum_lines_40                          00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_lines_40

  614 r400cl_frustum_lines_41                          00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_lines_41

  615 r400cl_frustum_lines_42                          00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_lines_42
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  616 r400cl_frustum_lines_43                          00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_lines_43

  617 r400cl_frustum_lines_44                          00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_lines_44

  618 r400cl_frustum_lines_45                          00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_lines_45

  619 r400cl_frustum_lines_46                          00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_lines_46

  620 r400cl_frustum_lines_47                          00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_lines_47

  621 r400cl_frustum_lines_48                          00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_lines_48

  622 r400cl_frustum_lines_49                          00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_lines_49

  623 r400cl_frustum_lines_50                          00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_lines_50

  624 r400cl_frustum_lines_51                          00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_lines_51

  625 r400cl_frustum_lines_52                          00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_lines_52

  626 r400cl_frustum_lines_53                          00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_lines_53

  627 r400cl_frustum_lines_54                          00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_lines_54

  628 r400cl_frustum_lines_55                          00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_lines_55

  629 r400cl_frustum_lines_56                          00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_lines_56

  630 r400cl_frustum_lines_57                          00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_lines_57

  631 r400cl_frustum_lines_58                          00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_lines_58
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  632 r400cl_frustum_lines_59                          00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_lines_59

  633 r400cl_frustum_lines_60                          00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_lines_60

  634 r400cl_frustum_lines_61                          00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_lines_61

  635 r400cl_frustum_lines_62                          00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_lines_62

  636 r400cl_frustum_lines_63                          00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_lines_63

  637 r400cl_frustum_lines_64                          00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_lines_64

  638 r400cl_frustum_lines_65                          00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_lines_65

  639 r400cl_frustum_lines_66                          00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_lines_66

  640 r400cl_frustum_lines_67                          00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_lines_67

  641 r400cl_frustum_lines_68                          00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_lines_68

  642 r400cl_frustum_lines_69                          00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_lines_69

  643 r400cl_frustum_lines_70                          00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_lines_70

  644 r400cl_frustum_lines_71                          00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_lines_71

  645 r400cl_frustum_lines_72                          00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_frustum_lines_72

  646 r400cl_gband_01                                  00:00:17 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_gband_01

  647 r400cl_gband_02                                  00:00:18 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_gband_02
```

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 648 r400cl_gband_03                                  00:00:18 mkelly PASS    mkelly
                     \\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_gband_03

 649 r400cl_gband_04                                  00:00:18 mkelly PASS    mkelly
                     \\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_gband_04

 650 r400cl_gband_05                                  00:00:13 mkelly FAIL
compare mismatch **
 651 r400cl_gband_06                                  00:00:11 mkelly PASS    mkelly
                     \\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_gband_06

 652 r400cl_gband_07                                  00:00:13 mkelly FAIL
compare mismatch **
 653 r400cl_gband_08                                  00:00:13 mkelly FAIL
compare mismatch **
 654 r400cl_gband_09                                  00:00:14 mkelly FAIL
compare mismatch **
 655 r400cl_gband_10                                  00:00:13 mkelly FAIL
compare mismatch **
 656 r400cl_gband_11                                  00:00:13 mkelly FAIL
compare mismatch **
 657 r400cl_gband_12                                  00:00:13 mkelly FAIL
compare mismatch **
 658 r400cl_gband_13                                  00:00:14 mkelly FAIL
compare mismatch **
 659 r400cl_gband_14                                  00:00:13 mkelly FAIL
compare mismatch **
 660 r400cl_gband_15                                  00:00:13 mkelly FAIL
compare mismatch **
 661 r400cl_gband_16                                  00:00:13 mkelly FAIL
compare mismatch **
 662 r400cl_gband_17                                  00:00:12 mkelly FAIL
compare mismatch **
 663 r400cl_gband_18                                  00:00:13 mkelly FAIL
compare mismatch **
 664 r400cl_gband_19                                  00:00:14 mkelly FAIL
compare mismatch **
 665 r400cl_gband_20                                  00:00:13 mkelly FAIL
compare mismatch **
 666 r400cl_gband_21                                  00:00:12 mkelly FAIL
compare mismatch **
 667 r400cl_gband_22                                  00:00:12 mkelly FAIL
compare mismatch **
 668 r400cl_gband_23                                  00:00:18 mkelly FAIL
compare mismatch **
 669 r400cl_gband_24                                  00:00:18 mkelly FAIL
compare mismatch **
 670 r400cl_gband_25                                  00:00:16 mkelly FAIL
```

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 compare mismatch **
  671 r400cl_gband_26                                  00:00:14 mkelly FAIL
 compare mismatch **
  672 r400cl_gband_27                                  00:00:16 mkelly FAIL
 compare mismatch **
  673 r400cl_gband_28                                  00:00:16 mkelly FAIL
 compare mismatch **
  674 r400cl_gband_29                                  00:00:15 mkelly FAIL
 compare mismatch **
  675 r400cl_gband_30                                  00:00:14 mkelly FAIL
 compare mismatch **
  676 r400cl_gband_31                                  00:00:13 mkelly FAIL
 compare mismatch **
  677 r400cl_gband_32                                  00:00:12 mkelly FAIL
 compare mismatch **
  678 r400cl_gband_33                                  00:00:13 mkelly FAIL
 compare mismatch **
  679 r400cl_gband_34                                  00:00:14 mkelly FAIL
 compare mismatch **
  680 r400cl_gband_35                                  00:00:13 mkelly FAIL
 compare mismatch **
  681 r400cl_gband_36                                  00:00:13 mkelly FAIL
 compare mismatch **
  682 r400cl_nan_kill_01                               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_nan_kill_01

  683 r400cl_point_ucp_combos_01                       00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_point_ucp_combos_01

  684 r400cl_pointlist_vertex_state_ucp_01             00:00:13 mkelly FAIL
 compare mismatch **
  685 r400cl_polymode_line_fill_01                     00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_polymode_line_fill_01

  686 r400cl_simple_triangle_01                        00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_simple_triangle_01

  687 r400cl_tri_polymode_line_stipple_ucp_combos_01   00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_tri_polymode_line_stipple_ucp_co
mbos_01
  688 r400cl_tri_polymode_line_ucp_combos_01           00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_tri_polymode_line_ucp_combos_01

  689 r400cl_triangle_polymode_line_stippled_01        00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_triangle_polymode_line_stippled_
01
  690 r400cl_ucp_combos_01                             00:00:56 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_ucp_combos_01
```

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  691 r400cl_ucp_combos_02                              00:00:55 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_ucp_combos_02

  692 r400cl_ucp_combos_03                              00:00:55 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_ucp_combos_03

  693 r400cl_ucp_combos_04                              00:00:56 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_ucp_combos_04

  694 r400cl_ucp_combos_05                              00:00:56 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_ucp_combos_05

  695 r400cl_ucp_combos_06                              00:00:54 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_ucp_combos_06

  696 r400cl_ucp_combos_07                              00:00:56 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_ucp_combos_07

  697 r400cl_ucp_combos_08                              00:00:54 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_ucp_combos_08

  698 r400cl_ucp_combos_09                              00:00:55 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_ucp_combos_09

  699 r400cl_ucp_combos_10                              00:00:55 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_ucp_combos_10

  700 r400cl_ucp_combos_11                              00:00:55 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_ucp_combos_11

  701 r400cl_ucp_combos_12                              00:00:56 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_ucp_combos_12

  702 r400cl_ucp_combos_13                              00:00:55 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_ucp_combos_13

  703 r400cl_ucp_combos_14                              00:00:55 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_ucp_combos_14

  704 r400cl_ucp_combos_15                              00:00:55 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_ucp_combos_15

  705 r400cl_ucp_combos_16                              00:00:55 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_ucp_combos_16

  706 r400cl_ucp_combos_17                              00:00:55 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_ucp_combos_17
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  707 r400cl_ucp_combos_18                              00:00:56 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_ucp_combos_18

  708 r400cl_ucp_combos_19                              00:00:54 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_ucp_combos_19

  709 r400cl_ucp_combos_20                              00:00:55 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_ucp_combos_20

  710 r400cl_ucp_combos_21                              00:00:54 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_ucp_combos_21

  711 r400cl_ucp_combos_22                              00:00:55 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_ucp_combos_22

  712 r400cl_ucp_combos_23                              00:00:55 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_ucp_combos_23

  713 r400cl_ucp_combos_24                              00:00:55 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_ucp_combos_24

  714 r400cl_ucp_combos_25                              00:00:55 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_ucp_combos_25

  715 r400cl_ucp_combos_26                              00:00:56 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_ucp_combos_26

  716 r400cl_ucp_combos_27                              00:00:55 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_ucp_combos_27

  717 r400cl_ucp_combos_28                              00:00:55 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_ucp_combos_28

  718 r400cl_ucp_combos_29                              00:00:56 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_ucp_combos_29

  719 r400cl_ucp_combos_30                              00:00:55 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_ucp_combos_30

  720 r400cl_ucp_combos_31                              00:00:55 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_ucp_combos_31

  721 r400cl_ucp_combos_32                              00:00:54 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_ucp_combos_32

  722 r400cl_ucp_combos_33                              00:00:55 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_ucp_combos_33
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  723 r400cl_ucp_combos_34                              00:00:55 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_ucp_combos_34

  724 r400cl_ucp_combos_35                              00:00:54 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_ucp_combos_35

  725 r400cl_ucp_combos_36                              00:00:55 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_ucp_combos_36

  726 r400cl_ucp_combos_37                              00:00:56 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_ucp_combos_37

  727 r400cl_ucp_combos_38                              00:00:55 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_ucp_combos_38

  728 r400cl_ucp_combos_39                              00:00:54 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_ucp_combos_39

  729 r400cl_ucp_combos_40                              00:00:54 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_ucp_combos_40

  730 r400cl_ucp_combos_41                              00:00:55 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_ucp_combos_41

  731 r400cl_ucp_combos_42                              00:00:54 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_ucp_combos_42

  732 r400cl_ucp_combos_43                              00:00:56 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_ucp_combos_43

  733 r400cl_ucp_combos_44                              00:00:56 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_ucp_combos_44

  734 r400cl_ucp_combos_45                              00:00:55 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_ucp_combos_45

  735 r400cl_ucp_combos_46                              00:00:55 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_ucp_combos_46

  736 r400cl_ucp_combos_47                              00:00:54 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_ucp_combos_47

  737 r400cl_ucp_combos_48                              00:00:55 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_ucp_combos_48

  738 r400cl_ucp_combos_49                              00:00:54 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_ucp_combos_49
```

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  739 r400cl_ucp_combos_50                              00:00:55 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_ucp_combos_50

  740 r400cl_ucp_combos_51                              00:00:56 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_ucp_combos_51

  741 r400cl_ucp_combos_52                              00:00:55 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_ucp_combos_52

  742 r400cl_ucp_combos_53                              00:00:54 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_ucp_combos_53

  743 r400cl_ucp_combos_54                              00:00:54 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_ucp_combos_54

  744 r400cl_ucp_combos_55                              00:00:55 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_ucp_combos_55

  745 r400cl_ucp_combos_56                              00:00:55 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_ucp_combos_56

  746 r400cl_ucp_combos_57                              00:00:54 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_ucp_combos_57

  747 r400cl_ucp_combos_58                              00:00:55 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_ucp_combos_58

  748 r400cl_ucp_combos_59                              00:00:55 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_ucp_combos_59

  749 r400cl_ucp_combos_60                              00:00:56 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_ucp_combos_60

  750 r400cl_ucp_combos_61                              00:00:55 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_ucp_combos_61

  751 r400cl_ucp_combos_62                              00:00:56 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_ucp_combos_62

  752 r400cl_ucp_combos_63                              00:00:56 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_ucp_combos_63

  753 r400cl_ucp_combos_64                              00:00:54 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_ucp_combos_64

  754 r400cl_ucp_pointlist_01                           00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_ucp_pointlist_01
```

```
  755 r400cl_vertex_reuse_clip_01                         00:00:51 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_vertex_reuse_clip_01

  756 r400cl_vtx_kill_01                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_vtx_kill_01

  757 r400cl_vtx_kill_02                                  00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_vtx_kill_02

  758 r400cl_w_eq_0                                       00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_w_eq_0

  759 r400cl_clip_edgeflags_frustum_corners_01            00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_clip_edgeflags_frustum_corners_0
1
  760 r400cl_clip_edgeflags_frustum_corners_02            00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cl_clip_edgeflags_frustum_corners_0
2
  761 r400vgt_auto_index_line_list_01                     00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_auto_index_line_list_01

  762 r400vgt_auto_index_line_loop_01                     00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_auto_index_line_loop_01

  763 r400vgt_auto_index_line_strip_01                    00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_auto_index_line_strip_01

  764 r400vgt_auto_index_points_01                        00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_auto_index_points_01

  765 r400vgt_auto_index_polygon_01                       00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_auto_index_polygon_01

  766 r400vgt_auto_index_primtypes_01                     00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_auto_index_primtypes_01

  767 r400vgt_auto_index_quad_list_01                     00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_auto_index_quad_list_01

  768 r400vgt_auto_index_quad_strip_01                    00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_auto_index_quad_strip_01

  769 r400vgt_auto_index_rectangle_list_01                00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_auto_index_rectangle_list_01

  770 r400vgt_auto_index_tri_fan_01                       00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_auto_index_tri_fan_01
```

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  771 r400vgt_auto_index_tri_list_01                    00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_auto_index_tri_list_01

  772 r400vgt_auto_index_tri_strip_01                   00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_auto_index_tri_strip_01

  773 r400vgt_auto_index_tri_wflags_01                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_auto_index_tri_wflags_01

  774 r400vgt_debug_registers_01                        00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_debug_registers_01

  775 r400vgt_dma_engine_01                             00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_dma_engine_01

  776 r400vgt_dma_engine_02                             00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_dma_engine_02

  777 r400vgt_dma_engine_03                             00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_dma_engine_03

  778 r400vgt_dma_engine_04                             00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_dma_engine_04

  779 r400vgt_dma_engine_05                             00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_dma_engine_05

  780 r400vgt_dma_engine_06                             00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_dma_engine_06

  781 r400vgt_dma_engine_07                             00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_dma_engine_07

  782 r400vgt_dma_engine_08                             00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_dma_engine_08

  783 r400vgt_dma_engine_09                             00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_dma_engine_09

  784 r400vgt_dma_engine_10                             00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_dma_engine_10

  785 r400vgt_dma_index_line_list_01                    00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_dma_index_line_list_01

  786 r400vgt_dma_index_line_loop_01                    00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_dma_index_line_loop_01
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  787 r400vgt_dma_index_line_strip_01                    00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_dma_index_line_strip_01

  788 r400vgt_dma_index_points_01                       00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_dma_index_points_01

  789 r400vgt_dma_index_polygon_01                      00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_dma_index_polygon_01

  790 r400vgt_dma_index_primtypes_01                    00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_dma_index_primtypes_01

  791 r400vgt_dma_index_primtypes_02                    00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_dma_index_primtypes_02

  792 r400vgt_dma_index_quad_list_01                    00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_dma_index_quad_list_01

  793 r400vgt_dma_index_quad_strip_01                   00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_dma_index_quad_strip_01

  794 r400vgt_dma_index_rectangle_list_01               00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_dma_index_rectangle_list_01

  795 r400vgt_dma_index_tri_fan_01                      00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_dma_index_tri_fan_01

  796 r400vgt_dma_index_tri_list_01                     00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_dma_index_tri_list_01

  797 r400vgt_dma_index_tri_strip_01                    00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_dma_index_tri_strip_01

  798 r400vgt_dma_index_tri_wflags_01                   00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_dma_index_tri_wflags_01

  799 r400vgt_dma_swap_indx16_01                        00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_dma_swap_indx16_01

  800 r400vgt_dma_swap_indx16_agp_01                    00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_dma_swap_indx16_agp_01

  801 r400vgt_dma_swap_indx16_pci_01                    00:00:12 mkelly FAIL
 compare mismatch **
  802 r400vgt_dma_swap_indx32_01                        00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_dma_swap_indx32_01
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  803 r400vgt_dma_swap_indx32_agp_01                    00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_dma_swap_indx32_agp_01

  804 r400vgt_dma_swap_indx32_pci_01                    00:00:12 mkelly FAIL
 compare mismatch **
  805 r400vgt_draw_init_fifo_depth_01                   00:01:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_draw_init_fifo_depth_01

  806 r400vgt_edgeflags_polygon_01                      00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_edgeflags_polygon_01

  807 r400vgt_edgeflags_quad_list_01                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_edgeflags_quad_list_01

  808 r400vgt_edgeflags_quad_strip_01                   00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_edgeflags_quad_strip_01

  809 r400vgt_edgeflags_triangle_fan_01                 00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_edgeflags_triangle_fan_01

  810 r400vgt_edgeflags_triangle_list_01                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_edgeflags_triangle_list_01

  811 r400vgt_edgeflags_triangle_strip_01               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_edgeflags_triangle_strip_01

  812 r400vgt_edgeflags_triangle_wflags_01              00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_edgeflags_triangle_wflags_01

  813 r400vgt_event_handling_01                         00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_event_handling_01

  814 r400vgt_event_handling_02                         00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_event_handling_02

  815 r400vgt_event_handling_03                         00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_event_handling_03

  816 r400vgt_event_handling_04                         00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_event_handling_04

  817 r400vgt_ext2int_index_line_list_01                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_ext2int_index_line_list_01

  818 r400vgt_ext2int_index_line_loop_01                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_ext2int_index_line_loop_01

  819 r400vgt_ext2int_index_line_strip_01               00:00:11 mkelly PASS    mkelly
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\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_ext2int_index_line_strip_01

  820 r400vgt_ext2int_index_points_01                    00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_ext2int_index_points_01

  821 r400vgt_ext2int_index_polygon_01                   00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_ext2int_index_polygon_01

  822 r400vgt_ext2int_index_quad_list_01                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_ext2int_index_quad_list_01

  823 r400vgt_ext2int_index_quad_strip_01                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_ext2int_index_quad_strip_01

  824 r400vgt_ext2int_index_rectangle_list_01            00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_ext2int_index_rectangle_list_01

  825 r400vgt_ext2int_index_triangle_fan_01              00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_ext2int_index_triangle_fan_01

  826 r400vgt_ext2int_index_triangle_list_01             00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_ext2int_index_triangle_list_01

  827 r400vgt_ext2int_index_triangle_strip_01            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_ext2int_index_triangle_strip_01

  828 r400vgt_ext2int_index_triangle_wflags_01           00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_ext2int_index_triangle_wflags_0
1
  829 r400vgt_hos_auto_index_line_list_01                00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_hos_auto_index_line_list_01

  830 r400vgt_hos_auto_index_quad_list_01                00:01:37 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_hos_auto_index_quad_list_01

  831 r400vgt_hos_auto_index_triangle_list_01            00:01:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_hos_auto_index_triangle_list_01

  832 r400vgt_hos_cubic_pos_pnt_discrete_01              00:00:25 mkelly FAIL
 compare mismatch **
  833 r400vgt_hos_LINE_adaptive_complex                  00:00:12 mkelly FAIL
 compare mismatch **
  834 r400vgt_hos_LPatch_01                              00:00:16 mkelly FAIL
 compare mismatch **
  835 r400vgt_hos_multi_prim_reset_index_01              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_hos_multi_prim_reset_index_01

  836 r400vgt_hos_PNl_adaptive_complex                   00:00:10 mkelly FAIL
```

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compare mismatch **
 837 r400vgt_hos_PNL_cp_ln_cont_no_projection_01        00:00:15 mkelly FAIL
compare mismatch **
 838 r400vgt_hos_PNL_lp_ln_cont_no_projection_01        00:00:15 mkelly FAIL
gold or cmp file mis
 839 r400vgt_hos_PNQ_adaptive_complex                   00:00:28 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_hos_PNQ_adaptive_complex

 840 r400vgt_hos_PNQ_cp_qn_cont_light_texture_01        00:02:27 mkelly FAIL
compare mismatch **
 841 r400vgt_hos_PNQ_cp_qn_cont_light_texture_02        00:02:35 mkelly FAIL
compare mismatch **
 842 r400vgt_hos_PNQ_cp_qn_cont_no_projection_01        00:00:51 mkelly FAIL
compare mismatch **
 843 r400vgt_hos_PNQ_lp_cont_no_projection_01           00:00:39 mkelly FAIL
compare mismatch **
 844 r400vgt_hos_PNT_adaptive                          00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_hos_PNT_adaptive

 845 r400vgt_hos_PNT_adaptive_complex                  00:02:27 mkelly FAIL
compare mismatch **
 846 r400vgt_hos_PNT_cont_cp_qn_complex_01             00:02:29 mkelly FAIL
gold or cmp file mis
 847 r400vgt_hos_PNT_cont_cp_qn_precision_01           00:00:32 mkelly FAIL
compare mismatch **
 848 r400vgt_hos_PNT_cont_cp_qn_precision_02           00:00:44 mkelly FAIL
compare mismatch **
 849 r400vgt_hos_PNT_cp_qn_cont_light_texture_01       00:00:50 mkelly FAIL
gold or cmp file mis
 850 r400vgt_hos_PNT_cp_qn_cont_light_texture_02       00:00:52 mkelly FAIL
gold or cmp file mis
 851 r400vgt_hos_PNT_cp_qn_cont_light_texture_03       00:00:53 mkelly FAIL
gold or cmp file mis
 852 r400vgt_hos_PNT_cp_qn_cont_moving_normals_01      00:01:40 mkelly FAIL
gold or cmp file mis
 853 r400vgt_hos_PNT_cp_qn_cont_no_projection_01       00:00:28 mkelly FAIL
compare mismatch **
 854 r400vgt_hos_PNT_cp_qn_disc_14_04_lit_tex_proj_01  00:00:16 mkelly FAIL
gold or cmp file mis
 855 r400vgt_hos_PNT_disc_cp_qn_complex_01             00:02:03 mkelly FAIL
gold or cmp file mis
 856 r400vgt_hos_PNT_disc_cp_qn_light_texture_01       00:00:26 mkelly FAIL
gold or cmp file mis
 857 r400vgt_hos_PNT_disc_cp_qn_no_projection_01       00:00:18 mkelly FAIL
compare mismatch **
 858 r400vgt_hos_PNT_disc_cp_qn_precision_01           00:00:18 mkelly FAIL
compare mismatch **
 859 r400vgt_hos_PNT_disc_cp_qn_precision_02           00:00:32 mkelly FAIL
```

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 compare mismatch **
  860 r400vgt_hos_PNT_edge_detection_01                  00:01:45 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_hos_PNT_edge_detection_01

  861 r400vgt_hos_PNT_lp_cont_no_projection_01           00:00:31 mkelly FAIL
 compare mismatch **
  862 r400vgt_hos_PNTQL_cp_qn_cont_stress_01             00:00:56 mkelly FAIL
 gold or cmp file mis
  863 r400vgt_hos_RECT_adaptive_complex                  00:01:14 mkelly FAIL
 compare mismatch **
  864 r400vgt_hos_RPatch_cp_02                           00:02:05 mkelly FAIL
 gold or cmp file mis
  865 r400vgt_hos_RPatch_lp_02                           00:01:51 mkelly FAIL
 gold or cmp file mis
  866 r400vgt_hos_RTL_stress_01                          00:01:19 mkelly FAIL
 gold or cmp file mis
  867 r400vgt_hos_simple_linear_PNT_discrete_01          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_hos_simple_linear_PNT_discrete_
01
  868 r400vgt_hos_TPatch_01                              00:00:44 mkelly FAIL
 compare mismatch **
  869 r400vgt_hos_TPatch_02                              00:01:03 mkelly FAIL
 gold or cmp file mis
  870 r400vgt_hos_TRI_adaptive_complex                   00:00:34 mkelly FAIL
 compare mismatch **
  871 r400vgt_immed_index_line_list_01                   00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_immed_index_line_list_01

  872 r400vgt_immed_index_line_loop_01                   00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_immed_index_line_loop_01

  873 r400vgt_immed_index_line_strip_01                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_immed_index_line_strip_01

  874 r400vgt_immed_index_points_01                      00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_immed_index_points_01

  875 r400vgt_immed_index_polygon_01                     00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_immed_index_polygon_01

  876 r400vgt_immed_index_primtypes_01                   00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_immed_index_primtypes_01

  877 r400vgt_immed_index_quad_list_01                   00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_immed_index_quad_list_01

  878 r400vgt_immed_index_quad_strip_01                  00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_immed_index_quad_strip_01
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  879 r400vgt_immed_index_rectangle_list_01             00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_immed_index_rectangle_list_01

  880 r400vgt_immed_index_tri_fan_01                    00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_immed_index_tri_fan_01

  881 r400vgt_immed_index_tri_list_01                   00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_immed_index_tri_list_01

  882 r400vgt_immed_index_tri_strip_01                  00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_immed_index_tri_strip_01

  883 r400vgt_immed_index_tri_wflags_01                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_immed_index_tri_wflags_01

  884 r400vgt_index_dealloc_line_list_01                00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_index_dealloc_line_list_01

  885 r400vgt_index_dealloc_points_01                   00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_index_dealloc_points_01

  886 r400vgt_index_dealloc_triangle_list_01            00:00:25 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_index_dealloc_triangle_list_01

  887 r400vgt_index_min_max_01                          00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_index_min_max_01

  888 r400vgt_index_min_max_02                          00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_index_min_max_02

  889 r400vgt_index_min_max_03                          00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_index_min_max_03

  890 r400vgt_index_min_max_04                          00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_index_min_max_04

  891 r400vgt_index_offset_01                           00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_index_offset_01

  892 r400vgt_index_offset_02                           00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_index_offset_02

  893 r400vgt_index_offset_03                           00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_index_offset_03

  894 r400vgt_index_offset_04                           00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_index_offset_04
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  895 r400vgt_index_offset_05                          00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_index_offset_05

  896 r400vgt_index_offset_06                          00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_index_offset_06

  897 r400vgt_index_offset_07                          00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_index_offset_07

  898 r400vgt_index_offset_08                          00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_index_offset_08

  899 r400vgt_index_size_01                            00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_index_size_01

  900 r400vgt_index_size_02                            00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_index_size_02

  901 r400vgt_index_source_switch_01                   00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_index_source_switch_01

  902 r400vgt_line_list_01                             00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_line_list_01

  903 r400vgt_line_list_02                             00:00:21 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_line_list_02

  904 r400vgt_line_loop_01                             00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_line_loop_01

  905 r400vgt_line_loop_02                             00:00:22 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_line_loop_02

  906 r400vgt_line_strip_01                            00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_line_strip_01

  907 r400vgt_line_strip_02                            00:00:22 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_line_strip_02

  908 r400vgt_local_tonemapping                        00:02:03 mkelly FAIL
 gold or cmp file mis
  909 r400vgt_multi_context_01                         00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_multi_context_01

  910 r400vgt_multi_context_02                         00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_multi_context_02
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  911 r400vgt_multi_context_03                          00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_multi_context_03

  912 r400vgt_multi_context_04                          00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_multi_context_04

  913 r400vgt_multi_context_05                          00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_multi_context_05

  914 r400vgt_multi_context_06                          00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_multi_context_06

  915 r400vgt_multi_context_07                          00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_multi_context_07

  916 r400vgt_multi_context_08                          00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_multi_context_08

  917 r400vgt_multi_context_09                          00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_multi_context_09

  918 r400vgt_multi_context_10                          00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_multi_context_10

  919 r400vgt_multi_context_11                          00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_multi_context_11

  920 r400vgt_multi_context_12                          00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_multi_context_12

  921 r400vgt_multi_pass_pix_shader_01                  00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_multi_pass_pix_shader_01

  922 r400vgt_multi_pass_pix_shader_02                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_multi_pass_pix_shader_02

  923 r400vgt_multi_pass_pix_shader_03                  00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_multi_pass_pix_shader_03

  924 r400vgt_multi_pass_pix_shader_04                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_multi_pass_pix_shader_04

  925 r400vgt_multi_pass_pix_shader_05                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_multi_pass_pix_shader_05

  926 r400vgt_multi_pass_pix_shader_06                  00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_multi_pass_pix_shader_06
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927 r400vgt_multi_pass_pix_shader_07 00:00:11 mkelly PASS mkelly \\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_multi_pass_pix_shader_07

928 r400vgt_multi_pass_pix_shader_08 00:00:12 mkelly PASS mkelly \\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_multi_pass_pix_shader_08

929 r400vgt_multi_prim_reset_index_all_01 00:00:12 mkelly PASS mkelly \\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_multi_prim_reset_index_all_01

930 r400vgt_multi_prim_reset_index_all_02 00:00:14 mkelly PASS mkelly \\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_multi_prim_reset_index_all_02

931 r400vgt_multi_prim_reset_index_all_03 00:00:13 mkelly PASS mkelly \\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_multi_prim_reset_index_all_03

932 r400vgt_multi_prim_reset_index_all_04 00:00:13 mkelly PASS mkelly \\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_multi_prim_reset_index_all_04

933 r400vgt_multi_prim_reset_index_all_05 00:00:14 mkelly PASS mkelly \\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_multi_prim_reset_index_all_05

934 r400vgt_multi_prim_reset_index_all_06 00:00:13 mkelly PASS mkelly \\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_multi_prim_reset_index_all_06

935 r400vgt_multi_prim_reset_index_all_07 00:00:14 mkelly PASS mkelly \\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_multi_prim_reset_index_all_07

936 r400vgt_pass_thru_all_prims_01 00:00:11 mkelly PASS mkelly \\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_pass_thru_all_prims_01

937 r400vgt_pass_thru_all_prims_02 00:00:11 mkelly PASS mkelly \\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_pass_thru_all_prims_02

938 r400vgt_perf_counters_events_01 00:00:18 mkelly PASS mkelly \\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_perf_counters_events_01

939 r400vgt_point_list_01 00:00:18 mkelly PASS mkelly \\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_point_list_01

940 r400vgt_point_list_02 00:00:16 mkelly PASS mkelly \\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_point_list_02

941 r400vgt_polygon_01 00:00:16 mkelly PASS mkelly \\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_polygon_01

942 r400vgt_polygon_02 00:00:19 mkelly PASS mkelly \\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_polygon_02

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  943 r400vgt_provoking_vtx_all_01                        00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_provoking_vtx_all_01

  944 r400vgt_provoking_vtx_edgeflags_all_01              00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_provoking_vtx_edgeflags_all_01

  945 r400vgt_provoking_vtx_polygon_01                    00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_provoking_vtx_polygon_01

  946 r400vgt_provoking_vtx_quad_list_01                  00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_provoking_vtx_quad_list_01

  947 r400vgt_provoking_vtx_quad_strip_01                 00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_provoking_vtx_quad_strip_01

  948 r400vgt_provoking_vtx_tri_fan_01                    00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_provoking_vtx_tri_fan_01

  949 r400vgt_provoking_vtx_tri_strip_01                  00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_provoking_vtx_tri_strip_01

  950 r400vgt_quad_list_01                                00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_quad_list_01

  951 r400vgt_quad_list_02                                00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_quad_list_02

  952 r400vgt_quad_strip_01                               00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_quad_strip_01

  953 r400vgt_quad_strip_02                               00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_quad_strip_02

  954 r400vgt_rbbm_reg_read                               00:00:05 mkelly FAIL
 gold or cmp file mis
  955 r400vgt_real_time_events_01                         00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_real_time_events_01

  956 r400vgt_real_time_events_02                         00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_real_time_events_02

  957 r400vgt_real_time_events_03                         00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_real_time_events_03

  958 r400vgt_real_time_events_04                         00:01:03 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_real_time_events_04

  959 r400vgt_real_time_events_05                         00:01:03 mkelly PASS    mkelly
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\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_real_time_events_05

960 r400vgt_real_time_events_06 00:01:03 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_real_time_events_06

961 r400vgt_real_time_events_07 00:00:18 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_real_time_events_07

962 r400vgt_rectangle_list_01 00:00:16 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_rectangle_list_01

963 r400vgt_rectangle_list_02 00:00:15 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_rectangle_list_02

964 r400vgt_reuse_depth_line_list_01 00:00:15 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_reuse_depth_line_list_01

965 r400vgt_reuse_depth_line_strip_01 00:00:15 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_reuse_depth_line_strip_01

966 r400vgt_reuse_depth_point_list_01 00:00:16 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_reuse_depth_point_list_01

967 r400vgt_reuse_depth_triangle_fan_01 00:00:16 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_reuse_depth_triangle_fan_01

968 r400vgt_reuse_depth_triangle_list_01 00:00:18 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_reuse_depth_triangle_list_01

969 r400vgt_reuse_depth_triangle_strip_01 00:00:17 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_reuse_depth_triangle_strip_01

970 r400vgt_reuse_index_line_list_01 00:00:27 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_reuse_index_line_list_01

971 r400vgt_reuse_index_point_list_01 00:00:20 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_reuse_index_point_list_01

972 r400vgt_reuse_index_triangle_list_01 00:00:23 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_reuse_index_triangle_list_01

973 r400vgt_reuse_index_triangle_list_02 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_reuse_index_triangle_list_02

974 r400vgt_reuse_index_triangle_list_03 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_reuse_index_triangle_list_03

975 r400vgt_simple_register_indirect 00:00:29 mkelly FAIL

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 gold or cmp file mis
  976 r400vgt_suppress_eop_01                          00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_suppress_eop_01

  977 r400vgt_suppress_eop_02                          00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_suppress_eop_02

  978 r400vgt_suppress_eop_03                          00:00:21 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_suppress_eop_03

  979 r400vgt_suppress_eop_04                          00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_suppress_eop_04

  980 r400vgt_suppress_eop_05                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_suppress_eop_05

  981 r400vgt_triangle_fan_01                          00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_triangle_fan_01

  982 r400vgt_triangle_fan_02                          00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_triangle_fan_02

  983 r400vgt_triangle_list_01                         00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_triangle_list_01

  984 r400vgt_triangle_list_02                         00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_triangle_list_02

  985 r400vgt_triangle_strip_01                        00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_triangle_strip_01

  986 r400vgt_triangle_strip_02                        00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_triangle_strip_02

  987 r400vgt_triangle_wflags_01                       00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_triangle_wflags_01

  988 r400vgt_triangle_wflags_02                       00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_triangle_wflags_02

  989 r400vgt_viz_query_01                             00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_viz_query_01

  990 r400vgt_vtx_export_very_very_simple_01           00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_vtx_export_very_very_simple_01

  991 r400vgt_vtx_export_very_very_simple_02           00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_vtx_export_very_very_simple_02
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  992 r400vgt_vtx_export_very_very_simple_03             00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_vtx_export_very_very_simple_03

  993 r400vgt_vtx_export_very_very_simple_04             00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_vtx_export_very_very_simple_04

  994 r400vgt_vtx_vect_eject_01                          00:00:22 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_vtx_vect_eject_01

  995 r400vgt_vtx_vector_packing_01                      00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vgt_vtx_vector_packing_01

  996 r400su_4tri_text_offscreen_01                      00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_4tri_text_offscreen_01

  997 r400su_4trilist_edges_offscreen_01                 00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_4trilist_edges_offscreen_01

  998 r400su_back_face_fan_01                            00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_back_face_fan_01

  999 r400su_baryc_test_01                               00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_baryc_test_01

 1000 r400su_baryc_test_02                               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_baryc_test_02

 1001 r400su_baryc_test_03                               00:00:44 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_baryc_test_03

 1002 r400su_baryc_test_04                               00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_baryc_test_04

 1003 r400su_baryc_test_05                               00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_baryc_test_05

 1004 r400su_baryc_test_06                               00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_baryc_test_06

 1005 r400su_baryc_test_07                               00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_baryc_test_07

 1006 r400su_baryc_test_08                               00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_baryc_test_08

 1007 r400su_clip_baryc_test_01                          00:00:10 mkelly FAIL
 compare mismatch **
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 1008 r400su_clip_baryc_test_02                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_clip_baryc_test_02

 1009 r400su_clip_baryc_test_03                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_clip_baryc_test_03

 1010 r400su_clip_baryc_test_04                          00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_clip_baryc_test_04

 1011 r400su_clip_baryc_test_05                          00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_clip_baryc_test_05

 1012 r400su_clip_baryc_test_06                          00:00:13 mkelly FAIL
 compare mismatch **
 1013 r400su_clip_baryc_test_07                          00:00:14 mkelly FAIL
 compare mismatch **
 1014 r400su_clip_baryc_test_08                          00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_clip_baryc_test_08

 1015 r400su_clip_edgeflag_polymode_01                   00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_clip_edgeflag_polymode_01

 1016 r400su_clip_line_end_cap_functional_01             00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_clip_line_end_cap_functional_01

 1017 r400su_clip_pointsize_test_01                      00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_clip_pointsize_test_01

 1018 r400su_clip_pointtest_01                           00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_clip_pointtest_01

 1019 r400su_clip_pointtest_02                           00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_clip_pointtest_02

 1020 r400su_clip_pointtest_03                           00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_clip_pointtest_03

 1021 r400su_clip_pointtest_04                           00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_clip_pointtest_04

 1022 r400su_clip_polymode_random_01                     00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_clip_polymode_random_01

 1023 r400su_clip_polymode_random_02                     00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_clip_polymode_random_02

 1024 r400su_clip_polymode_test_01                       00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_clip_polymode_test_01
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 1025 r400su_clip_polymode_test_02                        00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_clip_polymode_test_02

 1026 r400su_clip_polymode_test_03                        00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_clip_polymode_test_03

 1027 r400su_clip_provoking_vtx_edgeflags_triangle_01     00:00:19 mkelly FAIL
 compare mismatch **
 1028 r400su_clip_provoking_vtx_edgeflags_triangle_02     00:00:19 mkelly FAIL
 compare mismatch **
 1029 r400su_clipline_01                                  00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_clipline_01

 1030 r400su_clippoint_01                                 00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_clippoint_01

 1031 r400su_clipvertexsorting_01                         00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_clipvertexsorting_01

 1032 r400su_clipvertexsorting_02                         00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_clipvertexsorting_02

 1033 r400su_clipvertexsorting_03                         00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_clipvertexsorting_03

 1034 r400su_clipvertexsorting_polymode_01                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_clipvertexsorting_polymode_01

 1035 r400su_clipvertexsorting_polymode_02                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_clipvertexsorting_polymode_02

 1036 r400su_clipvertexsortingfunctional_01               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_clipvertexsortingfunctional_01

 1037 r400su_cullingfunctional_01                         00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_cullingfunctional_01

 1038 r400su_degentri_test_01                             00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_degentri_test_01

 1039 r400su_degentri_test_02                             00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_degentri_test_02

 1040 r400su_degentri_test_03                             00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_degentri_test_03

 1041 r400su_degentri_test_04                             00:00:11 mkelly PASS    mkelly
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\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_degentri_test_04

 1042 r400su_edge_flag_01                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_edge_flag_01

 1043 r400su_edge_flag_02                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_edge_flag_02

 1044 r400su_edgeflags_triangle_01                     00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_edgeflags_triangle_01

 1045 r400su_edgeflags_triangle_02                     00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_edgeflags_triangle_02

 1046 r400su_geom_sort_01                              00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_geom_sort_01

 1047 r400su_line_clip_end_cap_01                      00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_line_clip_end_cap_01

 1048 r400su_line_clip_end_cap_width_functional_02     00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_line_clip_end_cap_width_function
al_02
 1049 r400su_line_clip_orientation_01                  00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_line_clip_orientation_01

 1050 r400su_line_clip_orientation_02                  00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_line_clip_orientation_02

 1051 r400su_line_clip_x_major_01                      00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_line_clip_x_major_01

 1052 r400su_line_end_cap_functional_01                00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_line_end_cap_functional_01

 1053 r400su_line_end_cap_width_functional_02          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_line_end_cap_width_functional_02

 1054 r400su_line_orientation_01                       00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_line_orientation_01

 1055 r400su_line_orientation_02                       00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_line_orientation_02

 1056 r400su_line_orientation_dx01_01                  00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_line_orientation_dx01_01

 1057 r400su_line_orientation_dx01_02                  00:00:12 mkelly PASS    mkelly

\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_line_orientation_dx01_02

 1058 r400su_line_orientation_dy01_01                    00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_line_orientation_dy01_01

 1059 r400su_line_orientation_dy01_02                    00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_line_orientation_dy01_02

 1060 r400su_line_test_01                                00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_line_test_01

 1061 r400su_line_test_02                                00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_line_test_02

 1062 r400su_line_x_major_01                             00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_line_x_major_01

 1063 r400su_line_x_major_02                             00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_line_x_major_02

 1064 r400su_line_y_major_01                             00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_line_y_major_01

 1065 r400su_line_y_major_02                             00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_line_y_major_02

 1066 r400su_longstrip_01                                00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_longstrip_01

 1067 r400su_multi_context_01                            00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_multi_context_01

 1068 r400su_multi_prim_01                               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_multi_prim_01

 1069 r400su_multi_prim_02                               00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_multi_prim_02

 1070 r400su_parallel_orientation_all_01                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_parallel_orientation_all_01

 1071 r400su_parallel_orientation_all_02                 00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_parallel_orientation_all_02

 1072 r400su_pc_management_01                            00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_pc_management_01

 1073 r400su_pc_management_02                            00:00:12 mkelly PASS    mkelly

\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_pc_management_02

1074 r400su_pc_management_03 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_pc_management_03

1075 r400su_point_sprite_01 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_point_sprite_01

1076 r400su_point_sprite_02 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_point_sprite_02

1077 r400su_point_sprite_03 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_point_sprite_03

1078 r400su_point_sprite_04 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_point_sprite_04

1079 r400su_point_sprite_05 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_point_sprite_05

1080 r400su_point_sprite_06 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_point_sprite_06

1081 r400su_point_sprite_07 00:00:17 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_point_sprite_07

1082 r400su_point_sprite_08 00:00:18 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_point_sprite_08

1083 r400su_point_sprite_09 00:00:21 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_point_sprite_09

1084 r400su_point_w16_h1_functional_01 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_point_w16_h1_functional_01

1085 r400su_point_w1_h16_functional_01 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_point_w1_h16_functional_01

1086 r400su_pointsizepresent_01 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_pointsizepresent_01

1087 r400su_pointsizepresent_02 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_pointsizepresent_02

1088 r400su_pointsizepresent_03 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_pointsizepresent_03

1089 r400su_polymode_culling_face_01 00:00:12 mkelly PASS mkelly

\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_polymode_culling_face_01

 1090 r400su_polymode_culling_face_02                    00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_polymode_culling_face_02

 1091 r400su_polymode_lines_degen_triangle_01            00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_polymode_lines_degen_triangle_01

 1092 r400su_polymode_lines_degen_triangle_02            00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_polymode_lines_degen_triangle_02

 1093 r400su_polymode_lines_degen_triangle_03            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_polymode_lines_degen_triangle_03

 1094 r400su_polymode_lines_zero_area_triangle_01        00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_polymode_lines_zero_area_triangl
e_01
 1095 r400su_polymode_lines_zero_area_triangle_02        00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_polymode_lines_zero_area_triangl
e_02
 1096 r400su_polymode_multi_prim_01                      00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_polymode_multi_prim_01

 1097 r400su_polymode_points_degen_triangle_01           00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_polymode_points_degen_triangle_0
1
 1098 r400su_polymode_points_degen_triangle_02           00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_polymode_points_degen_triangle_0
2
 1099 r400su_polymode_points_zero_area_triangle_01       00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_polymode_points_zero_area_triang
le_01
 1100 r400su_polymode_points_zero_area_triangle_02       00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_polymode_points_zero_area_triang
le_02
 1101 r400su_polymode_rectangle_01                       00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_polymode_rectangle_01

 1102 r400su_polymode_zero_area_triangle_01              00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_polymode_zero_area_triangle_01

 1103 r400su_polymode_zero_area_triangle_02              00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_polymode_zero_area_triangle_02

 1104 r400su_polymode_zero_area_triangle_03              00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_polymode_zero_area_triangle_03

 1105 r400su_polymode_zero_area_triangle_04              00:00:17 mkelly PASS    mkelly

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\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_polymode_zero_area_triangle_04

 1106 r400su_polymodeculling_01                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_polymodeculling_01

 1107 r400su_polymodefunctional_01                       00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_polymodefunctional_01

 1108 r400su_provok_vtx_polymode_mix_point_lines_01      00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_provok_vtx_polymode_mix_point_li
nes_01
 1109 r400su_provoking_vtx_edgeflags_triangle_01         00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_provoking_vtx_edgeflags_triangle
_01
 1110 r400su_provoking_vtx_edgeflags_triangle_02         00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_provoking_vtx_edgeflags_triangle
_02
 1111 r400su_provoking_vtx_edgeflags_triangle_03         00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_provoking_vtx_edgeflags_triangle
_03
 1112 r400su_provoking_vtx_edgeflags_triangle_04         00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_provoking_vtx_edgeflags_triangle
_04
 1113 r400su_provoking_vtx_line_01                       00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_provoking_vtx_line_01

 1114 r400su_provoking_vtx_point_01                      00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_provoking_vtx_point_01

 1115 r400su_provoking_vtx_polymode_rectangle_01         00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_provoking_vtx_polymode_rectangle
_01
 1116 r400su_provoking_vtx_rectangle_01                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_provoking_vtx_rectangle_01

 1117 r400su_provoking_vtx_triangle_01                   00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_provoking_vtx_triangle_01

 1118 r400su_rand_line_01                                00:00:21 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_rand_line_01

 1119 r400su_rand_point_01                               00:00:21 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_rand_point_01

 1120 r400su_rand_tri_01                                 00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_rand_tri_01

 1121 r400su_rbbm_reg_read                               00:00:05 mkelly FAIL
```

```
 gold or cmp file mis
 1122 r400su_rectangle_01                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_rectangle_01

 1123 r400su_rectangle_list_01                             00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_rectangle_list_01

 1124 r400su_simple_register_indirect                      00:00:10 mkelly FAIL
 gold or cmp file mis
 1125 r400su_sliver_01                                     00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_sliver_01

 1126 r400su_stress_01                                     00:02:44 mkelly FAIL
 compare mismatch **
 1127 r400su_stress_02                                     00:01:49 mkelly FAIL
 compare mismatch **
 1128 r400su_stress_03                                     00:01:52 mkelly FAIL
 compare mismatch **
 1129 r400su_triarea_test_01                               00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_triarea_test_01

 1130 r400su_triarea_test_02                               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_triarea_test_02

 1131 r400su_triarea_test_03                               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_triarea_test_03

 1132 r400su_triarea_test_04                               00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_triarea_test_04

 1133 r400su_vertexsortingfunctional_01                    00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_vertexsortingfunctional_01

 1134 r400su_w_grad_test_01                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_w_grad_test_01

 1135 r400su_w_grad_test_02                                00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_w_grad_test_02

 1136 r400su_w_grad_test_03                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_w_grad_test_03

 1137 r400su_z_grad_test_01                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_z_grad_test_01

 1138 r400su_z_grad_test_02                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_z_grad_test_02
```

```
 1139 r400su_z_grad_test_03                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_z_grad_test_03

 1140 r400su_zero_area_test_01                           00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_zero_area_test_01

 1141 r400su_zero_area_test_02                           00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_zero_area_test_02

 1142 r400su_zero_area_test_03                           00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_zero_area_test_03

 1143 r400su_zero_area_test_04                           00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400su_zero_area_test_04

 1144 r400vte_coverage_02                                00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vte_coverage_02

 1145 r400vte_mult_msbs_01                               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vte_mult_msbs_01

 1146 r400vte_inf_nan_02                                 00:00:22 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vte_inf_nan_02

 1147 r400vte_many_reciprocals_01                        00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vte_many_reciprocals_01

 1148 r400vte_z_veu_msb_01                               00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vte_z_veu_msb_01

 1149 r400vte_y_veu_msb_01                               00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vte_y_veu_msb_01

 1150 r400vte_x_veu_msb_01                               00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vte_x_veu_msb_01

 1151 r400vte_inf_nan_01                                 00:00:33 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vte_inf_nan_01

 1152 r400vte_clip_perspective_texture_04                00:00:18 mkelly FAIL
 compare mismatch **
 1153 r400vte_clip_perspective_texture_03                00:00:20 mkelly FAIL
 compare mismatch **
 1154 r400vte_clip_perspective_texture_02                00:00:21 mkelly FAIL
 compare mismatch **
 1155 r400vte_clip_perspective_texture_01                00:00:33 mkelly FAIL
 compare mismatch **
 1156 r400vte_combos_01                                  00:01:01 mkelly FAIL
```

```
 compare mismatch **
 1157 r400vte_combos_02                                  00:00:53 mkelly FAIL
 compare mismatch **
 1158 r400vte_combos_03                                  00:00:30 mkelly FAIL
 compare mismatch **
 1159 r400vte_coverage_01                                00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vte_coverage_01

 1160 r400vte_perf_01                                    00:00:13 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vte_perf_01

 1161 r400vte_perf_02                                    00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vte_perf_02

 1162 r400vte_perf_03                                    00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vte_perf_03

 1163 r400vte_pos_neg_combo_01                           00:00:34 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vte_pos_neg_combo_01

 1164 r400vte_pos_neg_combo_02                           00:00:34 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vte_pos_neg_combo_02

 1165 r400vte_pos_neg_combo_03                           00:00:36 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vte_pos_neg_combo_03

 1166 r400vte_simple_point_01                            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vte_simple_point_01

 1167 r400vte_simple_triangle_01                         00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vte_simple_triangle_01

 1168 r400vte_w0_fmt_01                                  00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vte_w0_fmt_01

 1169 r400vte_w0_fmt_02                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vte_w0_fmt_02

 1170 r400vte_w0_fmt_03                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vte_w0_fmt_03

 1171 r400vte_w0_fmt_04                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vte_w0_fmt_04

 1172 r400vte_w0_fmt_05                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vte_w0_fmt_05

 1173 r400vte_w0_fmt_06                                  00:00:17 mkelly FAIL
```

```
 compare mismatch **
 1174 r400vte_xy_fmt_01                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vte_xy_fmt_01

 1175 r400vte_xy_fmt_02                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vte_xy_fmt_02

 1176 r400vte_xy_fmt_03                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vte_xy_fmt_03

 1177 r400vte_xyz_scale_01                               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vte_xyz_scale_01

 1178 r400vte_xyz_scale_02                               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vte_xyz_scale_02

 1179 r400vte_z_fmt_01                                   00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vte_z_fmt_01

 1180 r400vte_z_fmt_02                                   00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vte_z_fmt_02

 1181 r400vte_z_fmt_03                                   00:00:14 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vte_z_fmt_03

 1182 r400vte_z_fmt_04                                   00:00:13 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400vte_z_fmt_04

 1183 r400sanity_vfd_texture_sample_01                   00:00:13 mkelly FAIL
 compare mismatch **
 1184 primlib_1st_tri_june15                             00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/primlib_1st_tri_june15

 1185 primlib_gouraud_tri_1_xyz_vb_1_rgb_vb              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/primlib_gouraud_tri_1_xyz_vb_1_rgb_vb

 1186 primlib_gouraud_triangles_2_draw_passes            00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/primlib_gouraud_triangles_2_draw_passes

 1187 primlib_parameterized_simple_triangle              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/primlib_parameterized_simple_triangle

 1188 primlib_template_simple_triangle                   00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/primlib_template_simple_triangle

 1189 primlib_tex_tri                                    00:00:11 mkelly FAIL
 primlib_tex_tri_001.
 1190 primlib_zbuffer_2tris_03                           00:00:12 mkelly PASS    mkelly
```

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\\fl_mkelly2\d\r400\regress/mkelly_030131164409/primlib_zbuffer_2tris_03

 1191 cp_dma_2desc                                    00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_dma_2desc

 1192 cp_dma_interrupt                                00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_dma_interrupt

 1193 cp_dma_m2m_01                                   00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_dma_m2m_01

 1194 cp_dma_m2m_02                                   00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_dma_m2m_02

 1195 cp_dma_m2m_03                                   00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_dma_m2m_03

 1196 cp_dma_m2m_04                                   00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_dma_m2m_04

 1197 cp_dma_m2r_01                                   00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_dma_m2r_01

 1198 cp_dma_m2r_02                                   00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_dma_m2r_02

 1199 cp_dma_m2r_03                                   00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_dma_m2r_03

 1200 cp_dma_m2r_04                                   00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_dma_m2r_04

 1201 cp_dma_m2r_r2m                                  00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_dma_m2r_r2m

 1202 cp_dma_pio_simple                               00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_dma_pio_simple

 1203 cp_dma_pio_stress                               00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_dma_pio_stress

 1204 cp_dma_piobm_stress                             00:00:10 mkelly FAIL
 compare mismatch No
 1205 cp_dma_r2m_01                                   00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_dma_r2m_01

 1206 cp_dma_r2m_02                                   00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_dma_r2m_02
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 1207 cp_dma_r2m_03                                    00:00:09 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_dma_r2m_03

 1208 cp_dma_r2m_04                                    00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_dma_r2m_04

 1209 cp_dma_r2r_01                                    00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_dma_r2r_01

 1210 cp_dma_r2r_02                                    00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_dma_r2r_02

 1211 cp_dma_r2r_03                                    00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_dma_r2r_03

 1212 cp_dma_r2r_r2m                                   00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_dma_r2r_r2m

 1213 cp_dma_r2r_r2m_m2m                               00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_dma_r2r_r2m_m2m

 1214 cp_dma_r2r_r2m_m2m_r2m                           00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_dma_r2r_r2m_m2m_r2m

 1215 cp_dma_simple                                    00:00:09 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_dma_simple

 1216 cp_e2_hostdata_blt_pntr_8888                     00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_e2_hostdata_blt_pntr_8888

 1217 cp_e2_one_blit                                   00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_e2_one_blit

 1218 cp_e2_one_hline                                  00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_e2_one_hline

 1219 cp_e2_one_line                                   00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_e2_one_line

 1220 cp_e2_one_vline                                  00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_e2_one_vline

 1221 cp_e2_polyscanlines                              00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_e2_polyscanlines

 1222 cp_e2blit_brush_m                                00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_e2blit_brush_m
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 1223 cp_e2blit_brush_mt_ropcc                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_e2blit_brush_mt_ropcc

 1224 cp_e2blit_brush_mt_ropf0                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_e2blit_brush_mt_ropf0

 1225 cp_e2blit_src_8888i                               00:00:28 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_e2blit_src_8888i

 1226 cp_e2blit_src_8888ii                              00:00:21 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_e2blit_src_8888ii

 1227 cp_e2blit_src_8888iii                             00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_e2blit_src_8888iii

 1228 cp_e2blit_src_8888iv                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_e2blit_src_8888iv

 1229 cp_e2blit_src_8888v                               00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_e2blit_src_8888v

 1230 cp_e2blit_srf_cohr                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_e2blit_srf_cohr

 1231 cp_e2brush_8x8clr_565                             00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_e2brush_8x8clr_565

 1232 cp_e2brush_8x8clr_ci8                             00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_e2brush_8x8clr_ci8

 1233 cp_e2brush_8x8mmask_1555                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_e2brush_8x8mmask_1555

 1234 cp_e2brush_8x8mono_ci8                            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_e2brush_8x8mono_ci8

 1235 cp_e2brush_solid                                  00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_e2brush_solid

 1236 cp_e2cache1                                       00:00:13 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_e2cache1

 1237 cp_e2cache2                                       00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_e2cache2

 1238 cp_e2gradfill_565                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_e2gradfill_565
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 1239 cp_e2gradfill_1555                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_e2gradfill_1555

 1240 cp_e2gradfill_8888                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_e2gradfill_8888

 1241 cp_e2gradfill_horizontal                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_e2gradfill_horizontal

 1242 cp_e2gradfill_triangle                            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_e2gradfill_triangle

 1243 cp_e2gradfill_vertical                            00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_e2gradfill_vertical

 1244 cp_e2hostdata_blt2_565                            00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_e2hostdata_blt2_565

 1245 cp_e2hostdata_blt2_1555                           00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_e2hostdata_blt2_1555

 1246 cp_e2hostdata_blt2_8888                           00:00:34 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_e2hostdata_blt2_8888

 1247 cp_e2hostdata_blt2_ci8                            00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_e2hostdata_blt2_ci8

 1248 cp_e2hostdata_blt_565                             00:00:27 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_e2hostdata_blt_565

 1249 cp_e2hostdata_blt_1555                            00:00:28 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_e2hostdata_blt_1555

 1250 cp_e2hostdata_blt_8888                            00:00:43 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_e2hostdata_blt_8888

 1251 cp_e2hostdata_blt_ci8                             00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_e2hostdata_blt_ci8

 1252 cp_e2hostdata_blt_drv1                            00:00:25 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_e2hostdata_blt_drv1

 1253 cp_e2hostdata_blt_pntr_565                        00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_e2hostdata_blt_pntr_565

 1254 cp_e2hostdata_blt_pntr_1555                       00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_e2hostdata_blt_pntr_1555
```

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 1255 cp_e2hostdata_blt_pntr_ci8                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_e2hostdata_blt_pntr_ci8

 1256 cp_e2hostdata_byte_srcload                          00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_e2hostdata_byte_srcload

 1257 cp_e2line_max                                       00:04:19 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_e2line_max

 1258 cp_e2line_patcount_poly                             00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_e2line_patcount_poly

 1259 cp_e2lines                                          00:00:16 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_e2lines

 1260 cp_e2load_palette                                   00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_e2load_palette

 1261 cp_e2nextchar_565                                   00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_e2nextchar_565

 1262 cp_e2nextchar_1555                                  00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_e2nextchar_1555

 1263 cp_e2nextchar_8888                                  00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_e2nextchar_8888

 1264 cp_e2nextchar_ci8                                   00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_e2nextchar_ci8

 1265 cp_e2paint_565                                      00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_e2paint_565

 1266 cp_e2paint_8888                                     00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_e2paint_8888

 1267 cp_e2paint_multi                                    00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_e2paint_multi

 1268 cp_e2perf_2d_04_vector                              00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_e2perf_2d_04_vector

 1269 cp_e2perf_ptrnfil                                   00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_e2perf_ptrnfil

 1270 cp_e2ply_nextscan                                   00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_e2ply_nextscan
```

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 1271 cp_e2polyscanlines_brush                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_e2polyscanlines_brush

 1272 cp_e2polyscanlines_brush_mt                       00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_e2polyscanlines_brush_mt

 1273 cp_e2rop                                          00:00:12 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_e2rop

 1274 cp_e2set_scissors                                 00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_e2set_scissors

 1275 cp_e2smalltext                                    00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_e2smalltext

 1276 cp_e2smalltext_jc1                                00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_e2smalltext_jc1

 1277 cp_e2smalltext_jc2                                00:04:05 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_e2smalltext_jc2

 1278 cp_e2smalltext_max                                00:01:57 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_e2smalltext_max

 1279 cp_e2smalltext_neg                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_e2smalltext_neg

 1280 cp_e2trans_bitblt                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_e2trans_bitblt

 1281 cp_rb_dst_blit_01                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_rb_dst_blit_01

 1282 cp_rb_dst_blit_agp_01                             00:00:11 mkelly FAIL
 compare mismatch
 1283 cp_rb_dst_blit_brush_01                           00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_rb_dst_blit_brush_01

 1284 cp_rb_dst_blit_brush_02                           00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_rb_dst_blit_brush_02

 1285 cp_rb_dst_blit_brush_03                           00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_rb_dst_blit_brush_03

 1286 cp_rb_dst_blit_brush_04                           00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_rb_dst_blit_brush_04
```

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 1287 cp_rb_dst_blit_brush_05                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_rb_dst_blit_brush_05

 1288 cp_rb_dst_blit_brush_565_01                      00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_rb_dst_blit_brush_565_01

 1289 cp_rb_dst_blit_brush_agp_01                      00:00:11 mkelly FAIL
 compare mismatch
 1290 cp_rb_dst_blit_brush_agp_05                      00:00:11 mkelly FAIL
 compare mismatch
 1291 cp_rb_dst_blit_brush_ci8_01                      00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_rb_dst_blit_brush_ci8_01

 1292 cp_rb_dst_blit_rop_01                            00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_rb_dst_blit_rop_01

 1293 cp_rb_dst_blit_rop_02                            00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_rb_dst_blit_rop_02

 1294 cp_rb_dst_blit_rop_03                            00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_rb_dst_blit_rop_03

 1295 cp_rb_dst_blit_rop_04                            00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_rb_dst_blit_rop_04

 1296 cp_rb_dst_blit_rop_05                            00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_rb_dst_blit_rop_05

 1297 cp_rb_dst_blit_rop_06                            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_rb_dst_blit_rop_06

 1298 cp_rb_dst_blit_rop_07                            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_rb_dst_blit_rop_07

 1299 cp_rb_dst_blit_rop_agp_01                        00:00:17 mkelly FAIL
 compare mismatch
 1300 cp_rb_dst_blit_rop_agp_04                        00:00:12 mkelly FAIL
 compare mismatch
 1301 cp_rb_dst_blit_rop_agp_07                        00:00:11 mkelly FAIL
 compare mismatch
 1302 cp_rb_dst_clr_cmp_01                             00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_rb_dst_clr_cmp_01

 1303 cp_rb_dst_clr_cmp_02                             00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_rb_dst_clr_cmp_02

 1304 cp_rb_dst_clr_cmp_03                             00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_rb_dst_clr_cmp_03
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 1305 cp_rb_dst_clr_cmp_agp_01                          00:00:11 mkelly FAIL
 compare mismatch
 1306 cp_rb_dst_clr_cmp_msk_01                          00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_rb_dst_clr_cmp_msk_01

 1307 cp_rb_dst_clr_cmp_rops_01                         00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_rb_dst_clr_cmp_rops_01

 1308 cp_rb_dst_clr_cmp_rops_02                         00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_rb_dst_clr_cmp_rops_02

 1309 cp_rb_dst_clr_cmp_rops_03                         00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_rb_dst_clr_cmp_rops_03

 1310 cp_rb_dst_line_01                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_rb_dst_line_01

 1311 cp_rb_dst_line_brush_01                           00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_rb_dst_line_brush_01

 1312 cp_rb_dst_line_brush_02                           00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_rb_dst_line_brush_02

 1313 cp_rb_dst_line_brush_03                           00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_rb_dst_line_brush_03

 1314 cp_rb_dst_line_brush_agp_01                       00:00:10 mkelly FAIL
 compare mismatch
 1315 cp_rb_dstcache_aflush_2d_01                       00:02:29 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_rb_dstcache_aflush_2d_01

 1316 cp_rb_dstcache_aflush_2d_agp_01                   00:02:29 mkelly FAIL
 compare mismatch
 1317 cp_rb_dstcache_fillflush_2d_01                    00:00:54 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_rb_dstcache_fillflush_2d_01

 1318 cp_rb_dstcache_rmw_2d_01                          00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_rb_dstcache_rmw_2d_01

 1319 cp_rb_dstcache_rmw_2d_agp_01                      00:00:16 mkelly FAIL
 compare mismatch
 1320 cp_im_load_indirect                               00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_im_load_indirect

 1321 cp_queue_avail_01                                 00:00:10 mkelly FAIL
 compare mismatch No
 1322 cp_queue_avail_02                                 00:00:11 mkelly FAIL
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 compare mismatch No
 1323 cp_queue_avail_03                                  00:00:10 mkelly FAIL
 compare mismatch No
 1324 cp_queue_avail_04                                  00:00:11 mkelly FAIL
 compare mismatch No
 1325 cp_queue_avail_05                                  00:00:10 mkelly FAIL
 compare mismatch No
 1326 cp_queue_avail_06                                  00:00:10 mkelly FAIL
 compare mismatch No
 1327 cp_queue_avail_07                                  00:00:10 mkelly FAIL
 compare mismatch No
 1328 cp_push_aper_indirect1                             00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_push_aper_indirect1

 1329 cp_push_aper_primary                               00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_push_aper_primary

 1330 cp_simple_triangle                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/cp_simple_triangle

 1331 e2_bbll                                            00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2_bbll

 1332 e2_bbll_565                                        00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2_bbll_565

 1333 e2_bbll_1555                                       00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2_bbll_1555

 1334 e2_bbll_ci8                                        00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2_bbll_ci8

 1335 e2_blbl                                            00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2_blbl

 1336 e2_blbl_565                                        00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2_blbl_565

 1337 e2_blbl_1555                                       00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2_blbl_1555

 1338 e2_blbl_ci8                                        00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2_blbl_ci8

 1339 e2_blit_busy                                       00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2_blit_busy

 1340 e2_blit_lines                                      00:00:10 mkelly PASS    mkelly
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                    \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2_blit_lines

 1341 e2_blit_sync_565                                  00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2_blit_sync_565

 1342 e2_dstaddr                                        00:00:13 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2_dstaddr

 1343 e2_lblb                                           00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2_lblb

 1344 e2_lblb_wh                                        00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2_lblb_wh

 1345 e2_line_busy                                      00:00:10 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2_line_busy

 1346 e2_llbb                                           00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2_llbb

 1347 e2_many_lines                                     00:00:17 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2_many_lines

 1348 e2_many_lines_2x4                                 00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2_many_lines_2x4

 1349 e2_many_lines_2x4_mask                            00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2_many_lines_2x4_mask

 1350 e2_many_lines_4x4                                 00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2_many_lines_4x4

 1351 e2_many_lines_4x4_mask                            00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2_many_lines_4x4_mask

 1352 e2_many_lines_4x8                                 00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2_many_lines_4x8

 1353 e2_many_lines_4x8_mask                            00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2_many_lines_4x8_mask

 1354 e2_many_lines_mask                                00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2_many_lines_mask

 1355 e2_many_lines_pat                                 00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2_many_lines_pat

 1356 e2_many_lines_w9x                                 00:00:16 mkelly PASS    mkelly
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\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2_many_lines_w9x

 1357 e2_offset_pitch                                    00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2_offset_pitch

 1358 e2_offset_pitch_16byte                             00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2_offset_pitch_16byte

 1359 e2_one_blit                                        00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2_one_blit

 1360 e2_one_line                                        00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2_one_line

 1361 e2_partial_add                                     00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2_partial_add

 1362 e2_pm4_blit_64x64                                  00:00:11 mkelly FAIL
 compare mismatch
 1363 e2_pm4_blit_128x128                                00:00:12 mkelly FAIL
 compare mismatch
 1364 e2_pm4_blit_256x256                                00:00:18 mkelly FAIL
 compare mismatch
 1365 e2_simple2d                                        00:00:13 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2_simple2d

 1366 e2_write_256b                                      00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2_write_256b

 1367 e2blit_3noshft_565                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_3noshft_565

 1368 e2blit_3noshft_1555                                00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_3noshft_1555

 1369 e2blit_3noshft_8888                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_3noshft_8888

 1370 e2blit_3noshft_ci8                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_3noshft_ci8

 1371 e2blit_3shftL_565                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_3shftL_565

 1372 e2blit_3shftL_1555                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_3shftL_1555

 1373 e2blit_3shftL_8888                                 00:00:11 mkelly PASS    mkelly
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\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_3shftL_8888

 1374 e2blit_3shftL_ci8                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_3shftL_ci8

 1375 e2blit_3shftR_565                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_3shftR_565

 1376 e2blit_3shftR_1555                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_3shftR_1555

 1377 e2blit_3shftR_8888                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_3shftR_8888

 1378 e2blit_3shftR_ci8                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_3shftR_ci8

 1379 e2blit_640x5_8888                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_640x5_8888

 1380 e2blit_agp2agp                                     00:00:11 mkelly FAIL
 cmp file missing
 1381 e2blit_agp2fb                                      00:00:11 mkelly FAIL
 compare mismatch
 1382 e2blit_agp2fb_big                                  00:00:12 mkelly FAIL
 compare mismatch
 1383 e2blit_agp2fb_big2                                 00:00:12 mkelly FAIL
 compare mismatch
 1384 e2blit_beyondframe                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_beyondframe

 1385 e2blit_clut32_8888                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_clut32_8888

 1386 e2blit_clut32_8888_lines                           00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_clut32_8888_lines

 1387 e2blit_clut_565                                    00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_clut_565

 1388 e2blit_clut_565_2                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_clut_565_2

 1389 e2blit_clut_565all                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_clut_565all

 1390 e2blit_clut_565indx                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_clut_565indx
```

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 1391 e2blit_clut_8888                                  00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_clut_8888

 1392 e2blit_fb2agp_big                                 00:00:12 mkelly FAIL
 cmp file missing
 1393 e2blit_fb2agp_big_2                               00:00:12 mkelly FAIL
 cmp file missing
 1394 e2blit_host2agp                                   00:00:44 mkelly FAIL
 cmp file missing
 1395 e2blit_host128_565_00                             00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_host128_565_00

 1396 e2blit_host128_565_00_wide                        00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_host128_565_00_wide

 1397 e2blit_host128_565_01                             00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_host128_565_01

 1398 e2blit_host128_565_01_wide                        00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_host128_565_01_wide

 1399 e2blit_host128_565_02                             00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_host128_565_02

 1400 e2blit_host128_565_02_wide                        00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_host128_565_02_wide

 1401 e2blit_host128_565_03                             00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_host128_565_03

 1402 e2blit_host128_565_03_wide                        00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_host128_565_03_wide

 1403 e2blit_host128_565_mono                           00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_host128_565_mono

 1404 e2blit_host128_8888_00                            00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_host128_8888_00

 1405 e2blit_host128_8888_01                            00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_host128_8888_01

 1406 e2blit_host128_8888_02                            00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_host128_8888_02

 1407 e2blit_host128_8888_03                            00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_host128_8888_03
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 1408 e2blit_host128_8888_mono                          00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_host128_8888_mono

 1409 e2blit_host128_ci8_00                             00:00:39 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_host128_ci8_00

 1410 e2blit_host128_ci8_01                             00:00:40 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_host128_ci8_01

 1411 e2blit_host128_ci8_02                             00:00:40 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_host128_ci8_02

 1412 e2blit_host128_ci8_03                             00:00:40 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_host128_ci8_03

 1413 e2blit_host128_ci8_mono                           00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_host128_ci8_mono

 1414 e2blit_host_1to8_00                               00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_host_1to8_00

 1415 e2blit_host_1to8_01                               00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_host_1to8_01

 1416 e2blit_host_1to8_02                               00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_host_1to8_02

 1417 e2blit_host_1to8_04                               00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_host_1to8_04

 1418 e2blit_host_1to8_04_lines                         00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_host_1to8_04_lines

 1419 e2blit_host_1to8_05                               00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_host_1to8_05

 1420 e2blit_host_1to8_06                               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_host_1to8_06

 1421 e2blit_host_1to8_07                               00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_host_1to8_07

 1422 e2blit_host_1to8_08                               00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_host_1to8_08

 1423 e2blit_host_1to8_09                               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_host_1to8_09
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 1424 e2blit_host_1to8_10                                00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_host_1to8_10

 1425 e2blit_host_1to8_11                                00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_host_1to8_11

 1426 e2blit_host_1to8mask_01                            00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_host_1to8mask_01

 1427 e2blit_host_1to8mask_03                            00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_host_1to8mask_03

 1428 e2blit_host_1to8mask_09                            00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_host_1to8mask_09

 1429 e2blit_host_1to8mask_10                            00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_host_1to8mask_10

 1430 e2blit_host_1to8mask_10_lines                      00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_host_1to8mask_10_lines

 1431 e2blit_host_1to16_00                               00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_host_1to16_00

 1432 e2blit_host_1to16_01                               00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_host_1to16_01

 1433 e2blit_host_1to16_02                               00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_host_1to16_02

 1434 e2blit_host_1to16_03                               00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_host_1to16_03

 1435 e2blit_host_1to16_04                               00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_host_1to16_04

 1436 e2blit_host_1to16_05                               00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_host_1to16_05

 1437 e2blit_host_1to16_06                               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_host_1to16_06

 1438 e2blit_host_1to16_07                               00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_host_1to16_07

 1439 e2blit_host_100x100_8888                           00:00:43 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_host_100x100_8888
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 1440 e2blit_host_pm4_100x100_8888                        00:00:43 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_host_pm4_100x100_8888

 1441 e2blit_hostdest_1555                                00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_hostdest_1555

 1442 e2blit_hostdest_1555_lines                          00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_hostdest_1555_lines

 1443 e2blit_hostdest_8888                                00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_hostdest_8888

 1444 e2blit_hostdest_ci8                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_hostdest_ci8

 1445 e2blit_hostmono                                     00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_hostmono

 1446 e2blit_hostmonow                                    00:00:15 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_hostmonow

 1447 e2blit_noshft_565                                   00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_noshft_565

 1448 e2blit_noshft_1555                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_noshft_1555

 1449 e2blit_noshft_8888                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_noshft_8888

 1450 e2blit_noshft_ci8                                   00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_noshft_ci8

 1451 e2blit_offscreen                                    00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_offscreen

 1452 e2blit_offset_565                                   00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_offset_565

 1453 e2blit_offset_1555                                  00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_offset_1555

 1454 e2blit_offset_8888                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_offset_8888

 1455 e2blit_offset_ci8                                   00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_offset_ci8
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 1456 e2blit_pitch_565                                  00:00:12 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_pitch_565

 1457 e2blit_pitch_1555                                 00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_pitch_1555

 1458 e2blit_pitch_8888                                 00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_pitch_8888

 1459 e2blit_pix_order_565                              00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_pix_order_565

 1460 e2blit_pix_order_1555                             00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_pix_order_1555

 1461 e2blit_pix_order_8888                             00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_pix_order_8888

 1462 e2blit_pix_order_ci8                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_pix_order_ci8

 1463 e2blit_qdrnt_cc                                   00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_qdrnt_cc

 1464 e2blit_qdrnt_cc_565                               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_qdrnt_cc_565

 1465 e2blit_qdrnt_cc_1555                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_qdrnt_cc_1555

 1466 e2blit_qdrnt_cc_ci8                               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_qdrnt_cc_ci8

 1467 e2blit_raster_order                               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_raster_order

 1468 e2blit_raster_orderb                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_raster_orderb

 1469 e2blit_shftL_565                                  00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_shftL_565

 1470 e2blit_shftL_1555                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_shftL_1555

 1471 e2blit_shftL_8888                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_shftL_8888
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 1472 e2blit_shftL_ci8                                  00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_shftL_ci8

 1473 e2blit_shftR_565                                  00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_shftR_565

 1474 e2blit_shftR_1555                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_shftR_1555

 1475 e2blit_shftR_8888                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_shftR_8888

 1476 e2blit_shftR_ci8                                  00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_shftR_ci8

 1477 e2blit_src_565                                    00:00:26 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_src_565

 1478 e2blit_src_565a                                   00:00:22 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_src_565a

 1479 e2blit_src_565b                                   00:00:12 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_src_565b

 1480 e2blit_src_565c                                   00:00:13 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_src_565c

 1481 e2blit_src_8888                                   00:00:19 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_src_8888

 1482 e2blit_src_8888_sdest                             00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_src_8888_sdest

 1483 e2blit_src_8888_smono                             00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_src_8888_smono

 1484 e2blit_src_8888a                                  00:00:15 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_src_8888a

 1485 e2blit_src_8888b                                  00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_src_8888b

 1486 e2blit_src_8888d                                  00:00:13 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_src_8888d

 1487 e2blit_src_ci8                                    00:00:18 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_src_ci8
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 1488 e2blit_src_ci8_smono                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_src_ci8_smono

 1489 e2blit_src_ci8_smonom                               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_src_ci8_smonom

 1490 e2blit_src_ci8a                                     00:00:15 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_src_ci8a

 1491 e2blit_src_ci8b                                     00:00:13 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_src_ci8b

 1492 e2blit_walk_565                                     00:00:13 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_walk_565

 1493 e2blit_walk_1555                                    00:00:12 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_walk_1555

 1494 e2blit_walk_8888                                    00:00:13 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_walk_8888

 1495 e2blit_walk_ci8                                     00:00:12 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_walk_ci8

 1496 e2blit_walk_srcdst                                  00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_walk_srcdst

 1497 e2blit_wh_8888                                      00:00:12 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blit_wh_8888

 1498 e2blits_565                                         00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2blits_565

 1499 e2brush                                             00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2brush

 1500 e2brush_8x8clr                                      00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2brush_8x8clr

 1501 e2brush_8x8clr_565                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2brush_8x8clr_565

 1502 e2brush_8x8clr_1555                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2brush_8x8clr_1555

 1503 e2brush_8x8clr_ci8                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2brush_8x8clr_ci8
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 1504 e2brush_8x8mmask                                  00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2brush_8x8mmask

 1505 e2brush_8x8mmask_565                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2brush_8x8mmask_565

 1506 e2brush_8x8mmask_1555                             00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2brush_8x8mmask_1555

 1507 e2brush_8x8mmask_ci8                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2brush_8x8mmask_ci8

 1508 e2brush_8x8mono                                   00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2brush_8x8mono

 1509 e2brush_8x8mono_565                               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2brush_8x8mono_565

 1510 e2brush_8x8mono_1555                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2brush_8x8mono_1555

 1511 e2brush_8x8mono_ci8                               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2brush_8x8mono_ci8

 1512 e2brush_32x1line                                  00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2brush_32x1line

 1513 e2brush_32x1line_565                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2brush_32x1line_565

 1514 e2brush_32x1line_1555                             00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2brush_32x1line_1555

 1515 e2brush_32x1line_ci8                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2brush_32x1line_ci8

 1516 e2brush_32x1linemask                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2brush_32x1linemask

 1517 e2brush_32x1linemask_565                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2brush_32x1linemask_565

 1518 e2brush_32x1linemask_1555                         00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2brush_32x1linemask_1555

 1519 e2brush_32x1linemask_ci8                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2brush_32x1linemask_ci8
```

```
 1520 e2brush_565                                    00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2brush_565

 1521 e2brush_1555                                   00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2brush_1555

 1522 e2brush_address                                00:00:14 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2brush_address

 1523 e2brush_address_565                            00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2brush_address_565

 1524 e2brush_address_1555                           00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2brush_address_1555

 1525 e2brush_address_ci8                            00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2brush_address_ci8

 1526 e2brush_ci8                                    00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2brush_ci8

 1527 e2brush_solid                                  00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2brush_solid

 1528 e2brush_solid_565                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2brush_solid_565

 1529 e2brush_solid_1555                             00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2brush_solid_1555

 1530 e2brush_solid_ci8                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2brush_solid_ci8

 1531 e2brush_solidline                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2brush_solidline

 1532 e2brush_solidline_565                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2brush_solidline_565

 1533 e2brush_solidline_1555                         00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2brush_solidline_1555

 1534 e2brush_solidline_ci8                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2brush_solidline_ci8

 1535 e2cache1                                       00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2cache1
```

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1536 e2cache2                                          00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2cache2

1537 e2cache4                                          00:00:17 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2cache4

1538 e2cache5                                          00:00:13 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2cache5

1539 e2cache6                                          00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2cache6

1540 e2cache7                                          00:00:12 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2cache7

1541 e2cache8                                          00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2cache8

1542 e2dst_scssr_565                                   00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2dst_scssr_565

1543 e2dst_scssr_1555                                  00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2dst_scssr_1555

1544 e2dst_scssr_8888                                  00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2dst_scssr_8888

1545 e2dst_scssr_ci8                                   00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2dst_scssr_ci8

1546 e2endian_fb                                       00:00:14 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2endian_fb

1547 e2endian_agp                                      00:00:13 mkelly FAIL
compare mismatch
1548 e2endian_host                                     00:00:17 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2endian_host

1549 e2lilblit                                         00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2lilblit

1550 e2lilblit_line                                    00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2lilblit_line

1551 e2line_box                                        00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2line_box
```

```
 1552 e2line_bridgeB                                    00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2line_bridgeB

 1553 e2line_bridgeBL                                   00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2line_bridgeBL

 1554 e2line_bridgeBR                                   00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2line_bridgeBR

 1555 e2line_bridgeL                                    00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2line_bridgeL

 1556 e2line_bridgeLRTB                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2line_bridgeLRTB

 1557 e2line_bridgeR                                    00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2line_bridgeR

 1558 e2line_bridgeT                                    00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2line_bridgeT

 1559 e2line_bridgeTL                                   00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2line_bridgeTL

 1560 e2line_bridgeTR                                   00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2line_bridgeTR

 1561 e2line_hori565                                    00:00:12 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2line_hori565

 1562 e2line_hori1555                                   00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2line_hori1555

 1563 e2line_hori8888                                   00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2line_hori8888

 1564 e2line_horici8                                    00:00:12 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2line_horici8

 1565 e2line_horishort565                               00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2line_horishort565

 1566 e2line_horishort1555                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2line_horishort1555

 1567 e2line_horishort8888                              00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2line_horishort8888
```

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 1568 e2line_horishortci8                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2line_horishortci8

 1569 e2line_nobridge                                      00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2line_nobridge

 1570 e2line_offscreen                                     00:00:12 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2line_offscreen

 1571 e2line_patcount                                      00:00:12 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2line_patcount

 1572 e2line_patcount_565                                  00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2line_patcount_565

 1573 e2line_patcount_1555                                 00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2line_patcount_1555

 1574 e2line_patcount_ci8                                  00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2line_patcount_ci8

 1575 e2line_patcount_poly_565                             00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2line_patcount_poly_565

 1576 e2line_patcount_poly_ci8                             00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2line_patcount_poly_ci8

 1577 e2line_ptrn                                          00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2line_ptrn

 1578 e2line_ptrnplaid                                     00:00:12 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2line_ptrnplaid

 1579 e2line_star                                          00:00:12 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2line_star

 1580 e2line_vert565                                       00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2line_vert565

 1581 e2line_vert1555                                      00:00:12 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2line_vert1555

 1582 e2line_vert8888                                      00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2line_vert8888

 1583 e2line_vertci8                                       00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2line_vertci8
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 1584 e2line_vertshort565                                  00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2line_vertshort565

 1585 e2line_vertshort1555                                 00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2line_vertshort1555

 1586 e2line_vertshort8888                                 00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2line_vertshort8888

 1587 e2line_vertshortci8                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2line_vertshortci8

 1588 e2line_zeropixel                                     00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2line_zeropixel

 1589 e2max_values_height                                  00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2max_values_height

 1590 e2max_values_offset                                  00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2max_values_offset

 1591 e2max_values_width                                   00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2max_values_width

 1592 e2max_values_xy                                      00:00:11 mkelly PASS    mkelly
                     \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2max_values_xy

 1593 e2rop_00_0f                                          00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2rop_00_0f

 1594 e2rop_10_1f                                          00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2rop_10_1f

 1595 e2rop_20_2f                                          00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2rop_20_2f

 1596 e2rop_30_3f                                          00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2rop_30_3f

 1597 e2rop_40_4f                                          00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2rop_40_4f

 1598 e2rop_50_5f                                          00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2rop_50_5f

 1599 e2rop_60_6f                                          00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2rop_60_6f
```

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 1600 e2rop_70_7f                                        00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2rop_70_7f

 1601 e2rop_80_8f                                        00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2rop_80_8f

 1602 e2rop_90_9f                                        00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2rop_90_9f

 1603 e2rop_a0_af                                        00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2rop_a0_af

 1604 e2rop_b0_bf                                        00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2rop_b0_bf

 1605 e2rop_c0_cf                                        00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2rop_c0_cf

 1606 e2rop_d0_df                                        00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2rop_d0_df

 1607 e2rop_e0_ef                                        00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2rop_e0_ef

 1608 e2rop_f0_ff                                        00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2rop_f0_ff

 1609 e2scssr_flipped_blits_8888                         00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2scssr_flipped_blits_8888

 1610 e2scssr_flipped_lines                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2scssr_flipped_lines

 1611 e2scssr_none_565                                   00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2scssr_none_565

 1612 e2scssr_none_1555                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2scssr_none_1555

 1613 e2scssr_none_8888                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2scssr_none_8888

 1614 e2scssr_none_ci8                                   00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2scssr_none_ci8

 1615 e2scssr_within_565                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2scssr_within_565
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 1616 e2scssr_within_1555                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2scssr_within_1555

 1617 e2scssr_within_8888                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2scssr_within_8888

 1618 e2scssr_within_ci8                                   00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2scssr_within_ci8

 1619 e2scssrB_565                                         00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2scssrB_565

 1620 e2scssrB_1555                                        00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2scssrB_1555

 1621 e2scssrB_8888                                        00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2scssrB_8888

 1622 e2scssrB_ci8                                         00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2scssrB_ci8

 1623 e2scssrBL_565                                        00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2scssrBL_565

 1624 e2scssrBL_1555                                       00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2scssrBL_1555

 1625 e2scssrBL_8888                                       00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2scssrBL_8888

 1626 e2scssrBL_ci8                                        00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2scssrBL_ci8

 1627 e2scssrBR_565                                        00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2scssrBR_565

 1628 e2scssrBR_1555                                       00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2scssrBR_1555

 1629 e2scssrBR_8888                                       00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2scssrBR_8888

 1630 e2scssrBR_ci8                                        00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2scssrBR_ci8

 1631 e2scssrL_565                                         00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2scssrL_565
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1632 e2scssrL_1555                                    00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2scssrL_1555

1633 e2scssrL_8888                                    00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2scssrL_8888

1634 e2scssrL_ci8                                     00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2scssrL_ci8

1635 e2scssrLRTB_565                                  00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2scssrLRTB_565

1636 e2scssrLRTB_1555                                 00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2scssrLRTB_1555

1637 e2scssrLRTB_8888                                 00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2scssrLRTB_8888

1638 e2scssrLRTB_ci8                                  00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2scssrLRTB_ci8

1639 e2scssrR_565                                     00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2scssrR_565

1640 e2scssrR_1555                                    00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2scssrR_1555

1641 e2scssrR_8888                                    00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2scssrR_8888

1642 e2scssrR_ci8                                     00:00:10 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2scssrR_ci8

1643 e2scssrT_565                                     00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2scssrT_565

1644 e2scssrT_1555                                    00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2scssrT_1555

1645 e2scssrT_8888                                    00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2scssrT_8888

1646 e2scssrT_ci8                                     00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2scssrT_ci8

1647 e2scssrTL_565                                    00:00:10 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2scssrTL_565
```

```
 1648 e2scssrTL_1555                                    00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2scssrTL_1555

 1649 e2scssrTL_8888                                    00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2scssrTL_8888

 1650 e2scssrTL_ci8                                     00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2scssrTL_ci8

 1651 e2scssrTR_565                                     00:00:11 mkelly PASS    mkelly
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                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2scssrTR_1555

 1653 e2scssrTR_8888                                    00:00:11 mkelly PASS    mkelly
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 1654 e2scssrTR_ci8                                     00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2scssrTR_ci8

 1655 e2src_scssrB                                      00:00:11 mkelly PASS    mkelly
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 1656 e2src_scssrB_565                                  00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2src_scssrB_565

 1657 e2src_scssrB_1555                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2src_scssrB_1555

 1658 e2src_scssrB_ci8                                  00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2src_scssrB_ci8

 1659 e2src_scssrBR                                     00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2src_scssrBR

 1660 e2src_scssrBR_565                                 00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2src_scssrBR_565

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\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2src_scssrBR_1555

 1662 e2src_scssrBR_ci8                                 00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2src_scssrBR_ci8

 1663 e2src_scssrR                                      00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2src_scssrR
```

```
 1664 e2src_scssrR_565                                    00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2src_scssrR_565

 1665 e2src_scssrR_1555                                   00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2src_scssrR_1555

 1666 e2src_scssrR_ci8                                    00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2src_scssrR_ci8

 1667 e2srcsc_565                                         00:00:12 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2srcsc_565

 1668 e2srcsc_8888                                        00:00:12 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2srcsc_8888

 1669 e2srcsc_ci8                                         00:00:12 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030131164409/e2srcsc_ci8

 1670 r400cp_2drotdst_hbl                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cp_2drotdst_hbl

 1671 r400cp_2drotdst_hbr                                 00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cp_2drotdst_hbr

 1672 r400cp_2drotdst_htl                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cp_2drotdst_htl

 1673 r400cp_2drotdst_htr                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cp_2drotdst_htr

 1674 r400cp_2drotdst_vbl                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cp_2drotdst_vbl

 1675 r400cp_2drotdst_vbr                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cp_2drotdst_vbr

 1676 r400cp_2drotdst_vtl                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cp_2drotdst_vtl

 1677 r400cp_2drotdst_vtr                                 00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cp_2drotdst_vtr

 1678 r400cp_2drotdst_host                                00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cp_2drotdst_host

 1679 r400cp_2drotsrc_eqofst                              00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cp_2drotsrc_eqofst
```

1680 r400cp_2drotsrc_neqofst 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cp_2drotsrc_neqofst

1681 r400cp_2drotdst_1555 00:00:15 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cp_2drotdst_1555

1682 r400cp_2drotdst_565 00:00:15 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cp_2drotdst_565

1683 r400cp_2dalphablend_sb 00:00:26 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cp_2dalphablend_sb

1684 r400cp_2dalphablend_sb_1555 00:00:25 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cp_2dalphablend_sb_1555

1685 r400cp_2dalphablend_sb_565 00:00:26 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cp_2dalphablend_sb_565

1686 r400cp_2dalphablend_abc 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cp_2dalphablend_abc

1687 r400cp_2dalphablend_abs 00:00:13 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cp_2dalphablend_abs

1688 r400cp_2dalphablend_abb 00:00:13 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cp_2dalphablend_abb

1689 r400cp_2dalphablend_8888 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cp_2dalphablend_8888

1690 r400cp_2dalphablend_1555 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cp_2dalphablend_1555

1691 r400cp_2dalphablend_565 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cp_2dalphablend_565

1692 r400cp_2daafont_bgnd 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cp_2daafont_bgnd

1693 r400cp_2daafont_dst 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cp_2daafont_dst

1694 r400cp_2daafont_1555 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cp_2daafont_1555

1695 r400cp_2daafont_565 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cp_2daafont_565

```
 1696 r400cp_2d3dswitch_a                                  00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030131164409/r400cp_2d3dswitch_a

 1697 r400cp_registers                                     00:00:07 mkelly FAIL
 gold or cmp file mis
+-------------------------------------------------------------------------------------
-------------------------------------+
                                                           08:53:06
```

+ Regression Summary:  R400 EMU SYNC mkelly
+ Date: Sat Feb  1 09:58:03 2003

| UNIT | Total Tests | Tests Run | Tests Pass | %Pass |
|---|---|---|---|---|
| SC | 405 | 403 | 391 | 97.02 |
| VGT | 235 | 235 | 196 | 83.40 |
| CL | 362 | 357 | 306 | 85.71 |
| SU | 148 | 148 | 138 | 93.24 |
| VTE | 39 | 39 | 31 | 79.49 |
| CP | 512 | 507 | 477 | 94.08 |
| RBBM | 0 | 0 | 0 | 0.00 |
| BUGS | 0 | 0 | 0 | 0.00 |
| SANITY | 1 | 1 | 0 | 0.00 |
| STRESS | 0 | 0 | 0 | 0.00 |
| PERF | 7 | 7 | 6 | 85.71 |
| TOTAL | 1709 | 1697 | 1545 | 91.04 |

**Author:** Greg Sadowski

| **Issue To:** | **Copy No:** |
|---|---|

# Debug Bus Block

## ver 0.8

**Overview:** This document describes Crayola Debug Bus circuits

AUTOMATICALLY UPDATED FIELDS:
**Document Location:** Document1
**Current Intranet Search Title :** Go to "File -> Properties -> Summary" to set title name

| APPROVALS | |
|---|---|
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| | |
| | |
| | |

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# 1. Open Issues

1. ~~Do we really need outside input to the daisy chained debug bus – is that ever used??~~ → display section uses it.
2. ~~All current chips use 12 bit wide debug bus. I suspect that the board connector and cables are kind of standard by now (true?). Is there a need to make this bus wider ?~~ → 12bit stays

   ~~We could make the inside the chip DEBUG BUS to be 16 or 32 bits for RBBM and LA benefit and the output connector could remain the same with additional mux (?).~~
3. ~~Which I/O pins should we use for the DEBUG_out[] output (to the board LA connector)?~~ → see R400_pinout spec.
4. ~~Should a simple Logic Analyzer be included in the Debug Block (it already shows up on the block diagram as AL block)?~~ → NO.
5. ~~Because signals originate from various clock domains, no registers should be inserted in the Debug Bus paths. (??).~~ -> YES
6. ~~R300 doesn't connect any signals from graphics blocks to the debug bus – is this the trend to be followed?~~ → TBD
7. ~~Is "delay chain" a part of debug bus??~~ -> delay chain is included in I/O modules.

## 2. "to do" list: (in no particular order)

1. ~~Discuss with all architects and block leads any other hardware debug circuits that may be useful.~~ -> keep the current approach.
2.

## 3. Revision Changes:

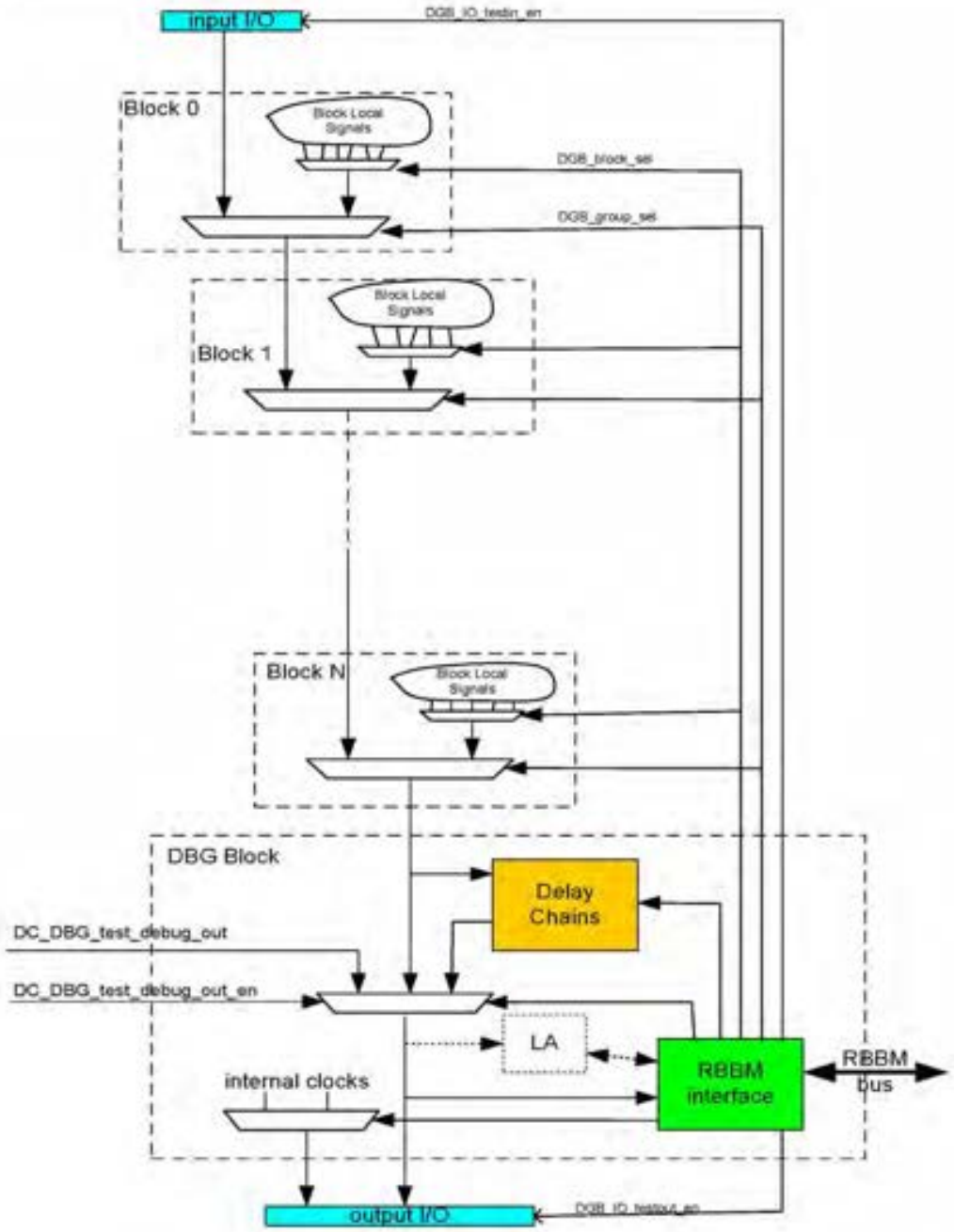
| | |
|---|---|
| **Rev 0.0 (Greg Sadowski)**<br>Date: February 12, 2002<br>Initial revision. | Initial version based on the R200 Debug Bus spec. |
| **Rev 0.1 gregs** | updated signal names + registers |
| **Rev 0.2 gregs** | Added chip input/output ports assignments. |
| **Rev 0.3 Mahendra Persaud** | Added VIP(viph, i2c, vidblk, vipdma) debug bus signals |
| **Rev 0.4 gregs** | Updated CG/CGM stuff |
| **Rev 0.5 Stephen Bagshaw** | Added details regarding interface (signal names) and functionality of DC (display controller) debug registers with DBG block. Sections 6 and 7.2 modified |
| **Rev 0.6 Stephen Bagshaw** | Added BIF debug register offsets and placeholders for definitions of BIF debug registers |
| **Rev 0.7 gregs** | Added delay chains hook-up, updated diagrams and registers. |
| **Rev 0.8 gregs** | Added an explicit note that debug bus in asynchronous and no registers should be used on inputs or outputs of the bus. |

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# 4. Introduction

The system level functional simulations coverage is never 100% (though it may be very close to it), and complicated hardware problems may exist in silicon. To aid with debugging those problems, the Debug Bus is inserted in the R400 design – allowing probing of a number of signals in various functional blocks in real time or sampling the state of those signals and reading it over the RBBM interface bus and PCI bus to a CPU running some low level operating system like DOS.

# 5. Functional Description




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## 5.1 Block Connections to debug bus.

The debug bus is asynchronous bus, so signals from various clock domains can be sent from any block or debug_bus input I/O to DBG block or debug_bus output I/O. There should be no registers on inputs or outputs of the 12 bit wide debug bus. The DBG_block_sel[3:0] and DBG_group_sel[3:0] control signals are synchronous to core clock (sclk) and should be received with registers clocked by sclk.

Crayola chip layout topology will decide which block is connected to which, and what the encoding of select logic is. For the sequence of blocks in debug bus - see chip.tree (or chip.v) file.

## ~~5.2 LA block (?)~~

~~*The inclusion of LA, has not been approved yet!*~~

~~A simple logic analyzer (LA) is included in the DEBUG block. LA trigger is defined via the DEBUG_LA_TRIG register. Trigger signal is one of the 32(16 or 12?) signals on the internal DEBUG_BUS. Rising or falling edge of that signal can be used to latch the DEBUG_BUS data vector.~~

| ~~LA Control Register{xe "CLK_PIN_CNTL CLKIND\:0x1"}~~ | | | |
|---|---|---|---|
| ~~Field Name~~ | ~~Bits~~ | ~~Default~~ | ~~Description~~ |
| ~~TRIGGER_SIGNAL_SELECT~~ | ~~[4:0]~~ | ~~0x0~~ | ~~Selects, which one of the 32 signals is to be used as a trigger signal.~~ |
| ~~TRIGGER_MODE0_SELECT~~ | ~~[6:5]~~ | ~~0x0~~ | ~~0x0 rising edge,<br>0x1 falling edge,<br>0x2<br>0x3~~ |
| ~~TRIGGER_MODE1_SELECT~~ | ~~[8:7]~~ | ~~0x0~~ | ~~0x0 single trigger<br>0x1 continues trigger<br>0x2<br>0x3~~ |
| | | | |

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## 5.3 Delay Chains

There are 3 delay chains in R400. Two of them are in the IO and go around the chip in the near pad logic area, and the third one is in core area. The IO short delay chain is more metal dominated than the "long IO delay chain". The delay of the short IO chain is on the order of 700ns, while the long IO delay is 2us. The delay magnitude of the core delay chain is TBD.

Features:

- Delay chains can be driven from outside of the chip via debug bus input pins (the DEBUG_BUS_IN_EN bit in DBG_CNTL1_REG has to be set for that). The delay of the debug bus (bypass through a number of blocks) will of course be included in the all delay measurements, but because the debug bus delay can be measured separately (see DLY_SHUNT_EN in GROUP_SEL field of the DBG_CNTL1_REG register), it can be then subtracted from delay chain measurements,
- Delay chains can be monitored from outside of the chip via debug bus output pins. The DEBUG_BUS_OUT_EN bit in DBG_CNTL1_REG has to be set for that.
- Delay chains can be individually configured to be driven either with zero, or from the debug bus (and debug bus driven from outside – which is the typical usage), or from theirs outputs (which creates ring ascillator). Configuration is done from DBG_CNTL1_REG.

# 6. Design Methodology

Every block participating in the Debug Bus daisy chain, should include the following interface:

1. Debug Bus input, 12 bits wide (non-registered),
2. Debug Bus output, 12 bits wide (non-registered)
3. Output multiplexer that passes either the Debug Bus input or block local signals,
4. Decoder of the DEBUG_BLOCK_SEL[5:0] input (driven by the DEBUG block) to decide if the block is selected for output – it controls the output multiplexer,
5. Decoder of the DEBUG_GROUP_SEL[5:0] input (driven by the DEBUG block) to decide which of the block local signal groups is selected for output – it controls the internal signals multiplexers.

In the DBG top level block, the value output on the 12 bit test debug out bus is dependent on the value of the "DCDBG_DBG_dc_test_debug_out_en" input signal to the DBG block. When this single bit "...dc_test_debug_out_en" input signal is set to 0, the 12 bit test debug daisy chain input to the DBG block is output on the 12 bit DEBUG_bus_out. The 12 bit value on the test debug daisy chain is determined by the value of DEBUG_BLOCK_SEL and DEBUG_GROUP_SEL registers. When the "...dc_test_debug_out_en" input signal is set to 1, the 12 bit "DCDBG_DBG_dc_test_debug_out" input bus to the DBG block is output on the 12 bit DEBUG_bus_out. The 12 bit DEBUG_bus_out value goes to the test debug output pins and the outside of the chip.

## 6.1 Naming convention

- Daisy chained connections between participating blocks should be named in the following way:
  **<src>#_<dst>#_debug_bus**

  Example: SP0_SX1_debug_bus[11:0]
  The Crayola layout has to be decided before the sequence and all the names can be determined.

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# 7. Implementation

## 7.1 DBG to RBBM interface

Table 7.1 CG to RBBM register bus interface

| Pin Name | Vector | Type | Description | Timing |
|---|---|---|---|---|
| RBBM_we | | I | Write Enable (Send) (Address and Data are Valid). | |
| RBBM_a | 16:2 | I | Register Address for Read/Write Transaction. | |
| RBBM_wd | 31:0 | I | 32-bit Write Data Bus (To 32-bit Clients) | |
| RBBM_be | 3:0 | I | Register Byte Mask (To 32-bit Clients Only)<br>Bit 0 corresponds to byte on Wd[7:0]<br>Bit 1 corresponds to byte on Wd[15:7]<br>Bit 2 corresponds to byte on Wd[23:16]<br>Bit 3 corresponds to byte on Wd[31:24]<br>(0=Disable Read/Write, 1=Enable Read/Write). | |
| | | | | |
| RBB_rs | | I | Read daisy chain: read strobe input (it is "ORed" with CG local RBB read strobe). Registered input. | |
| RBB_rd | 31:0 | I | Read daisy chain: read data input bus (it is "ORed" with CG locate RBB read return data bus bits) Registered input. | |
| RBBM_rE | | I | Read Enable (Address is Valid, Data is "Don't Care") | |
| RBB_rs0 | | O | Read Return Strobe | |
| RBB_rd0 | 31:0 | O | Read Return Data bus | |
| DEBUG_RBBM_rtr | | O | Clock Generator Real-Time Ready to Receive | |
| | | | | |

## 7.2 Debug Bus pins

Table 7.2 Debug Bus input/output interface

| Pin Name | Main Function | Debug Bus | Notes |
|---|---|---|---|
| DEBUG_bus_in | | 12 bit input bus | |
| DEBUG_bus_out | | 12 bit output bus | |
| DEBUG_clk_out | | Clock output | |
| DBG_IO_testin_en | Enables outside input bus onto DEBUG bus | | Start of the DEBUG bus |
| DBG_IO_testout_en | Enables DEBUG bus to drive outpin pins | | End of the DEBUG bus |
| DEBUG_block_sel | Activates a block onto the DEBUG bus | 6 bits | |
| DEBUG_group_sel | Selects a group within a block | 6 bits | |
| DCDBG_DBG_dc_test_debug_out_en | Enable bit to output dc_test_debug_out on DEBUG_bus_out | | Setting this bit to 1 will override normal debug daisy chain functionality and output 12 bit DC test debug out bus directly onto DEBUG_bus_out |
| DCDBG_DBG_dc_test_debug_out | Debug output bus value for DC generated by DCDEBUG logic in DC | 12 bits | This debug bus value is generated by muxing a 12 bit subset of a 32 bit bus from the indirect mapped debug registers in DC |

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## 7.3 Clock inputs

Table 7.3 Debug Bus input/output interface

| Pin Name | Main Function | Debug Bus | Notes |
|---|---|---|---|
| Sclk_global | Core clock input | | |
| Mclk_global | Memory clock input | | |
| CG_DBG_test_clock | CG test clock mux output – one of many clocks selected via CG test register. | | |

## 7.4 Delay Chains' ports

Table 7.4 Delay chains interface

| Pin Name | Main Function | Notes |
|---|---|---|
| IO_DBG_delay_short_out | Output of the short delay chain in IO | |
| IO_DBG_delay_long_out | Output of the long delay chain in IO | |
| CORE_DBG_delay_out | Output of the core delay chain | |
| DBG_IO_delay_short_in | Input to short delay chain in IO | |
| DBG_IO_delay_long_in | Input to long delay chain in IO | |
| DBG_CORE_delay_in | Input to core delay chain | |

## 7.5 Layout

Layout tiles mapping into functional blocks → *insert a diagram here!*

# 8. Test I/O pins

~~This section describes the IO pins used for Testbus input and output.~~

See R400_pinout spec (r400/doc_lib/design/chip/r400_pinout.doc) for definitions of I/O pins used for Debug bus."

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# 9. Software interface

## 9.1 Debug Bus Control Register definitions

To select debug mode, TEST_DEBUG_OUT_EN should be set to one (TESTOUT_DAISY forced to output). Each block has its own set of debug signals that can be selected through GROUP_SELECT field. BLOCK_SELECT field is used to select a block or circuit.

| DBG_CNTL1_REG – debug control register{xe "CLK_PIN_CNTL CLKIND\:0x1"} | | | |
|---|---|---|---|
| **Field Name** | **Bits** | **Default** | **Description** |
| DEBUG_BUS_OUT_EN | 0 | 0x0 | 1=enabled<br>0=disabled<br>Enable output of DEBUG bus to outside of R400 – see "R400 Pinout Specification" (Multi-Use Pads) for which pins are actually used for DEBUG bus output. |
| DEBUG_BUS_IN_EN | 1 | 0x0 | 1=enabled<br>0=disabled<br>Enable input to DEBUG bus from outside of R400 – see "R400 Pinout Specification" (Multi-Use Pads) for which pins are actually used for input to DEBUG bus. |
| DLY_CHAIN_SHORT_IO_CONF | [3:2] | 0x0 | 00 = chain is driven with zero (idle),<br>01 = chain is driven from debug bus bit 0,<br>10 = chain is driven from its output (ring oscillator)<br>11 = chain is driven with zero (idle) |
| DLY_CHAIN_LONG_IO_CONF | [5:4] | 0x0 | 00 = chain is driven with zero (idle)<br>01 = chain is driven from debug bus bit 1,<br>10 = chain is driven from its output (ring oscillator)<br>11 = chain is drive with zero (idle) |
| DLY_CHAIN_CORE_CONF | [7:6] | 0x0 | 00 = chain is driven with zero (idle)<br>01 = chain is driven from debug bus bit 2,<br>10 = chain is driven from its output (ring oscillator)<br>11 = chain is driven with zero (idle) |
| BLOCK_SELECT | [13:8] | 0x0 | Selects a block that will drive the daisy chained bus (it will brake the chain). |
| DEBUG_legacy_test_en | 14 | 0x0 | "1 = Enable legacy Test Debug Bus operation for VIP, DISPOUT, IDCT & BIF"<br>"0 = Disable legacy Test Debug Bus" |
| reserved | 15 | | |
| GROUP_SELECT | [21:16] | | Group of signals within a block, selected to be output over the DEBUG_BUS. Together with the BLOCK_SELECT bits a group of 12 signals is identified and selected onto the bus. For lists of groups in a block see tables below. |
| reserved | [23:22] | | |
| CLOCK_SELECT | [27:24] | | DEBUG output clock selection<br>0x0 = low<br>0x1 = sclk<br>0x2 = mclk<br>0x3 = CG_DBG_test_clock<br>0x4 = high<br>0x5 =<br>0x6 = |
| reserved | [31:28] | | |

| DBG_READ_REG – read of output signals state{xe "CLK_PIN_CNTL CLKIND\:0x1"} | |
|---|---|
| **Field Name** | **Definition** |
| [11:0] | Debug output signals |

## 9.2 DEBUG bus Ids (DEBUG_block_sel[5:0] signal)

| Block_select[5:0] | Block selected |
|---|---|
| 000000 = 0 | DEBUG block itself |
| 000001 = 1 | ?? |
| 000010 = 2 | RBBM |
| 000011 = 3 | CP |
| 000100 = 4 | ?? |
| 000101 = 5 | ?? |
| 000110 = 6 | ?? |
| 000111 = 7 | IDCT |
| 001000 = 8 | ?? |
| 001001 = 9 | ?? |
| 001010 = 10 | ?? |
| 001011 = 11 | ?? |
| 001100 = 12 | ?? |
| 001101 = 13 | CG |
| 001111 = 14 | CGM |
| … | … |
| 010010 = 18 | BIF(hi) |
| 010011 = 19 | BIF(aic), BIF(hi_agp) |
| … | |
| 100000 = 32 | VIP - I2c |
| … | … |
| 100010 = 34 | VIP - VIPH |
| … | … |
| 100101 = 37 | VIP - VIDBLK |
| 100110 = 38 | VIP - VIPDMA |

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## 9.3 DEBUG group Ids (DEBUG_group_sel[5:0] signal)

| Block Name | group_sel[5:0] | Group names |
|---|---|---|
| DBG | 0 | 12'h531 |
| | 1 | Debug bus input – functions as DLY_SHUNT_EN bit |
| | 2 | Delay chains outputs |
| | 3 | 12'h000 |

| Block Name | group_sel[5:0] | Group names |
|---|---|---|
| CG | 0 | RO{{ROM_straps_valid, use_agppll, agp_pci66, pci66, test_sel[1:0], BIF_CG_clk2x_en, BIF_CG_clk4x8x_en, IO_mobile_dis, strap_sel,sclk_reg }; |
| | 1 | {CG_pciclk, cg_pm_timeout, d3dx, d3, tmds_lvds_rst_stat, dc_pwr_done, IO_CG_refclk, use_spll_clk , DC_CG_pwr_state[1:0], req_pwr_state[1:0] }; |
| | 2 | { CG_slipck_post_div, sclk_src_mux_cntl, BIF_CG_pwrstate[1:0], sclk_src_reg[3:0], cg_pm_sclk_src[3:0] }; |
| | 3 | { cp_pwr_func_reg[3:0], cp_pwr_done_reg[1:0], static_screen, temp_trig, pwr_status_reg[1:0] }; |
| | 4 | {cp_pwrstate_change_dbg, static_screen_dbg, temp_trig_dbg, pwr_change_req_dbg, cp_pfw_dbg, pwr_timeout_dbg, pm_state_dbg[4:0]} |
| | 5 | {timer_cnt_enable_dbg, cg_pm_volt_cntl_dbg, not_in_pwr_transition_dbg } |
| | 6 | { 6'd0, CG_bclk, 1'b0, sclk, 1'b0, CG_agpclk, 1'b0 } |
| | 7 | ss_cntl_debug |
| | 8 | ss_cntl2_debug |
| | 9 | ss_genlock_debug |
| | 10 | { 2'b00, cg_test_count} |

| Block Name | group_sel[5:0] | Group names |
|---|---|---|
| CGM | 0 | {4'h0, IO_CGM_tck, CG_CGM_pciclk, IO_CGM_refclk, CGM_MPLL_refclk, CGM_MPLL_fbclk, MPLL_CGM_clk , CGM_postdiv_mclk, mclk_global } |
| | 1 | 12'h555 |
| | 2 | 12'hAAA |
| | 3 | { 1'b0, cgm_tst_mux_clk, cgm_test_count} |

| Block Name | group_sel[5:0] | Group names |
|---|---|---|
| BIF(hi) | 0 | |
| | 1 | |
| | 2 | |
| | 3 | |
| | 4 | |
| | 5 | |
| | 6 | |
| | 7 | |
| | 8 | |
| | 9 | |
| | 10 | |
| | 11 | |
| | 12 | |
| | 13 | |
| | 14 | |
| | 15 | |
| | 16 | |
| | 17 | |

| | | |
|---|---|---|
| | 18 | |
| | 19 | |
| | 20 | |
| | 21 | |
| | 22 | |
| | 23 | |
| | 24 | |
| | 61 | Output 0xaaa for system testing |
| | 62 | Output 0x555 for system testing |
| | 63 | Ouput ~Block id & Block id = 101101(~0x12) & 010010(0x12) |

| Block Name | group_sel[5:0] | Group names |
|---|---|---|
| BIF(aic) | 0 | |
| BIF(aic) | 1 | |
| BIF(aic) | 2 | |
| BIF(aic) | 3 | |
| BIF(aic) | 4 | |
| BIF(aic) | 5 | |
| BIF(aic) | 6 | |
| BIF(hi_agp) | 7 | |
| BIF(hi_agp) | 8 | |
| BIF(hi_agp) | 9 | |
| BIF(hi_agp) | 10 | |
| BIF(hi_agp) | 11 | |
| BIF(hi_agp) | 12 | |
| BIF(hi_agp) | 13 | |
| BIF(hi_agp) | 14 | |
| BIF(hi_agp) | 15 | |
| BIF(hi_agp) | 16 | |
| BIF(hi_agp) | 17 | |
| BIF(hi_agp) | 18 | |
| BIF(hi_agp) | 19 | |
| BIF(hi_agp) | 20 | |
| BIF(hi_agp) | 21 | |
| BIF(hi_agp) | 22 | |
| BIF(hi_agp) | 23 | |
| BIF(hi_agp) | 24 | |
| BIF(hi_agp) | 25 | |
| BIF(hi_agp) | 26 | |
| BIF(hi_agp) | 27 | |
| BIF(hi_agp) | 28 | |
| BIF(hi_agp) | 29 | |
| BIF(hi_agp) | 30 | |
| BIF(hi_agp) | 31 | |
| BIF(hi_agp) | 32 | |
| BIF(hi_agp) | 33 | |
| BIF(hi_agp) | 34 | |
| BIF(hi_agp) | 35 | |
| BIF(hi_agp) | 36 | |
| BIF(hi_agp) | 37 | |
| BIF(hi_agp) | 38 | |
| BIF(hi_agp) | 39 | |
| BIF(hi_agp) | 40 | |
| BIF(hi_agp) | 41 | |
| BIF(hi_agp) | 42 | |
| BIF(hi_agp) | 43 | |
| BIF(hi_agp) | 44 | |

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| | | |
|---|---|---|
| BIF(hi_agp) | 45 | |
| BIF(hi_agp) | 46 | |
| BIF(hi_agp) | 47 | |
| BIF(hi_agp) | 61 | Output 0xaaa for system testing |
| BIF(hi_agp) | 62 | Output 0x555 for system testing |
| BIF(hi_agp) | 63 | Ouput ~Block id & Block id = 101100(~0x13) & 010011(0x13) |

| Block Name | roup_sel[5:0] | Group names |
|---|---|---|
| VIP - I2C | 0 | {4'b0000, 2'b00, iINTR, iI2C_RDY, iMPAD_SCL_A, iMPAD_SDA_A, iSDA_ENb, iSCL_Enb} |
| | 1 | {4'b0000, iGO, iI2C_ABORT, iI2C_ADDR_COUNT, iWTRIG_POST_FLD_I2C_INT_AK_B2, iRST_HOSTPTR, iABORT} |
| | 2 | {4'b0000, iBYTE_READ_EN, iBYTE_WRIT_EN, iBIT_LATCH, iI2C_R_EARLY, iI2C_R, iI2C_S, iSCLso, iSDAo |
| | 3 | {4'b0000, iBIT_PTR, iDRIVE_EN_SCL, iDRIVE_EN_SDA, iHOSTWD_EN, iI2CWD_EN, iFIL_SDA} |
| | 4 | {4'b0000, iSBIT, iI2C_STAT_WSTR, iVALID_GO, iTCLK, iTOCLK, iQSCL, iTIME_OUT, iGO_R} |
| | 5 | {4'b0000, iSTATE_IDLE, iNACKrd, iHALTrd, iFULLrd, iDONErd, iSDA_A, iSCL_A, iI2C_RDY} |
| | 6 | {4'b0000, iPREV_STOP, iFULL, iDONE, iNACK, iHALT, iSTOP, iSTART, iRECEIVE} ; |
| | 7 | {4'b0000, iDATA_from_SLAVE} |
| | 8 | {4'b0000, iDATA_to_SLAVE} |
| | 9 | {4'b0000, iQUADSCL} |
| | 10 | {4'b0000, iHOSTR_PTR[15:8]} |
| | 11 | {4'b0000, iHOSTR_PTR[7:0]} |
| | 12 | {4'b0000, iHOSTW_PTR[15:8]} |
| | 13 | {4'b0000, iHOSTW_PTR[7:0]} |
| | 14 | {4'b0000, iI2CR_PTR[15:8]} |
| | 15 | {4'b0000, iI2CR_PTR[7:0]} |
| | 61 | Output 0xaaa for system testing |
| | 62 | Output 0x555 for system testing |
| | 63 | Ouput ~Block id & Block id = 011111(~0x20) & 100000(0x20) |

| Block Name | group_sel[5:0] | Group names |
|---|---|---|
| VIP - VIPH | 0 | {4'b0000, iREGSTATE, iHOSTADR[3:0]} ; |
| | 1 | {4'b0000, iHOSTDEC, iHOSTBEN} ; |
| | 2 | {4'b0000, iDVSTATE, iPSM_SIZE, iPSM_IDLE, iDMA_WR} ; |
| | 3 | {4'b0000, iCH0_DMAREQ_WR, iCH1_DMAREQ_WR, iCH2_DMAREQ_WR, iCH3_DMAREQ_WR, iCH0_DMAREQ_RD, iCH1_DMAREQ_RD, iCH2_DMAREQ_RD, iCH3_DMAREQ_RD} ; |
| | 4 | {4'b0000, iPSMSTATE, iHOSTEORT, iHOSTREQ, iCNT1_DEC} |
| | 5 | {4'b0000, iCH0_ACTIVE, iCH1_ACTIVE, iCH2_ACTIVE, iCH3_ACTIVE, iDV0_ACTIVE, iDV1_ACTIVE, iDV2_ACTIVE, iDV3_ACTIVE} ; |
| | 6 | {4'b0000, iCH0_ABORT, iCH1_ABORT, iCH2_ABORT, iCH3_ABORT, iINT0_CYCLE, iINT1_CYCLE, iINT2_CYCLE, iINT3_CYCLE} ; |
| | 7 | {4'b0000, iCH0_FILL, iCH1_FILL, iCH2_FILL, iCH3_FILL, iCH0_DRAIN, iCH1_DRAIN, iCH2_DRAIN, iCH3_DRAIN} ; |
| | 8 | {4'b0000, iDV0_FILL, iDV1_FILL, iDV2_FILL, iDV3_FILL, iDV0_DRAIN, iDV1_DRAIN, iDV2_DRAIN, iDV3_DRAIN} ; |
| | 9 | {4'b0000, iCH0_WPTR, iCH1_WPTR, iCH2_WPTR} ; |
| | 10 | {4'b0000, iCH0_RPTR, iCH1_RPTR, iCH2_RPTR} ; |
| | 11 | {4'b0000, iDV0_WPTR, iDV1_WPTR, iDV2_WPTR} ; |
| | 12 | {4'b0000, iDV0_RPTR, iDV1_RPTR, iDV2_RPTR} ; |
| | 13 | {4'b0000, iDVA_REQ, iREG_REQ, iREG_CYCLE, iREG_PEND, iRDY_REGARB, iPSM_BCNT, iPSM_RDYS, iPSM_RDYE} ; |
| | 14 | {4'b0000, iCHSTATE, iCH0_DEC, iCH1_DEC, iCNT0_DEC} ; |
| | 15 | {4'b0000, iCH_FRDT[3:0], iDV_FRDT[3:0]} ; |
| | 16 | {6'b000000, iCH0_BCNTW_TRIG, iCH0_BCNTW_BCNT, iCH0_SFULL, iCH0_AFULL, iDMAW0_DONE, iLD0_JOB} ; |
| | 17 | {1'b0, iPSM_RDYE_DBUF, iRDT_PTRd, iRPSM_DT[7:0]} ; |
| | 18 | {4'b0000, iRPSM_DT[15:8]} |

| | | |
|---|---|---|
| | 61 | Output 0xaaa for system testing |
| | 62 | Output 0x555 for system testing |
| | 63 | Ouput ~Block id & Block id = 011101(~0x22) & 100010(0x22) |

| Block Name | group_sel[5:0] | Group names |
|---|---|---|
| VIP - VIDBLK | 0 | {1'b0, iWREQd, iFLUSH_REQ, iCAP0_FIFO_WREQ, iCAP0_WRITE_EN, iCAP0_CURR_WPTR} |
| | 1 | {1'b0, iMEM_RDYA, iMEM_WREQ, iBUF_REQ, iREAD_REQ, iCURR_RPTR} |
| | 2 | {6'b000000, iCURR_WPTR_FCP, iH_ACTIVE_FCP, iWDIR, iWREQd, iFLUSH_REQ, iCAP0_FIFO_WREQ} |
| | ... | |
| | 32 | {4'b0000, iVBI_BUF_STATUS, iANC_BUF_STATUS} |
| | 33 | {1'b0, iVID_FIELD, iSOF, iEOF, iEOL, iVBI_END, iVIP_REPEAT_FIELD, iWRSOF, irdCAP_START_BUF, iWRONESHOTBUFSEL, iSTATUS_STROB} |
| | 61 | Output 0xaaa for system testing |
| | 62 | Output 0x555 for system testing |
| | 63 | Ouput ~Block id & Block id = 011010(~0x22) & 100101(0x25) |

| Block Name | group_sel[5:0] | Group names |
|---|---|---|
| VIP - VIPDMA | 0 | {1'b0, iSCLK, iVIPHDMA0_RST, iVIPHDMA1_RST, iVIPHDMA2_RST, iVIPHDMA3_RST, iVIPH0_PTR_VLD, iVIPH1_PTR_VLD, iVIPH2_PTR_VLD, iVIPH3_PTR_VLD, iVIPHBUF_RDYr, iVIPHBUF_ROT_RDYr} ; |
| | 1 | {1'b0, iSCLK, iVIPH0_DONE, iVIPH1_DONE, iVIPH2_DONE, iVIPH3_DONE, iVIPHLA_STATE[1:0], iVIPHDA_STATE[2:0], iCHG_REQ} ; |
| | 2 | {1'b0, iSCLK, iCH0_DMAREQ_RD, iCH1_DMAREQ_RD, iCH2_DMAREQ_RD, iCH3_DMAREQ_RD, iCH0_DMAREQ_WR, iCH1_DMAREQ_WR, iCH2_DMAREQ_WR, iCH3_DMAREQ_WR, iHOSTREQ, ihosteort} |
| | 3 | {1'b0, iSCLK, iHOSTADR[11:2]} |
| | 4 | {1'b0, iSCLK, iHOSTADR[1:0], iHOSTDEC[3:0], iHOSTBEN[3:0]} |
| | 5 | {1'b0, iSCLK, iVIDBUF_WPTR, iVIDBUF_RPTR, iVIDBUF0_EMP, iVIDBUF1_EMP, iWARB_STATE[2:0], iMEM_RDYA, iMEM_WRWORD[1:0]} |
| | 6 | {1'b0, iSCLK, iMEM_WRXFER, iMEM_WREQ, iMEM_XFERENAB[3:0], iMEM_SWPw[1:0], iMEM_WRENAB[15:14]} |
| | 7 | {iDCCARB_Client_Valid, iSCLK, iMEM_WRENAB[13:4]} |
| | 8 | {1'b0, iSCLK, iMEM_WRENAB[3:0], 6'b000000} |
| | 9 | {iDMA_VIPH0_ACTIVE, iDMA_VIPH1_ACTIVE, iDMA_VIPH2_ACTIVE, iDMA_VIPH3_ACTIVE, iDMA_VIPH0_CURRENT, iDMA_VIPH1_CURRENT, iDMA_VIPH2_CURRENT, iDMA_VIPH3_CURRENT} |
| | 10 | {iDMA_VIPH0_AVAIL, iDMA_VIPH1_AVAIL, iDMA_VIPH2_AVAIL} |
| | 11 | {iHOSTREQ, iHOSTBEN[1:0], iCH_RDY, iDMA_WRDATA[7:0]} |
| | 12 | {iSCLK, iVIPHDMA_RTSw, iVIPHDMA_MSKw[1:0], iVIPHDMA_WD[7:0]} |
| | 13 | {iVIPHDA_STATE, iVIPHLA_STATE, iVIP_DCCARB_RAddr[31:25]} |
| | 14 | {8'b00000000, iDMA_VIPH3_AVAIL} |
| | 61 | Output 0xaaa for system testing |
| | 62 | Output 0x555 for system testing |
| | 63 | Ouput ~Block id & Block id = 011001(~0x26) & 100110(0x26) |

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## 10. Using DB128 to set debug registers (copied from R200 spec)

Following shows how to use db128 to set debug bus registers. In the DOS mode:
Type db128, this starts the debugger program.

```
c:> db128
```

Then to enable the debug bus and select a block,

```
c:> mmw 0 120
c:> mmw 1 0x(<0x80 + BLOCK ID>01)

To select a group of debugs signal within the block.

c:> mmw 0 124
c:> mmw 124 < GROUP NUMBER>

The debug data is visible on (TVD & MONID).

c:> mmw 0 12c
c:> mmr 12c
```

**Example**

The following example shows how to program the debug bus register to monitor *MC* debug signals:

Starts the program:

```
c:> db128
```

Then to enable the debug bus and select *MC*

```
c:> mmw 0 120
c:> mmw 1 8801

To select second group of debug signal within MC, as shown in the following section.
```

***Group 1***

*umc.ucic_rb0.iCTC_ARB_RB0_RTRw1*
*umc.ucic_rb0.boCTC_ARB_RB0_RTSw1*
*umc.ucic_rb0.CTC_ARB_RB0_RTRw1*
*umc.ucic_rb0.RD_STATEw1(2:0)*
*umc.ucic_rb0.iCTC_ARB_RB0_RTRr1*
*umc.ucic_rb0.boCTC_ARB_RB0_RTSr1*
*umc.ucic_rb0.CTC_ARB_RB0_RTRr1*
*umc.ucic_rb0.RD_STATEr1(2:0)*

```
c:> mmw 0 124
c:> mmw 124 1

The debug data is visible on (TVD & MONID).

c:> mmw 0 12c
c:> mmr 12c
```

```
+-------------------------------------------------------------------------------------------
-----------------------------------+
+ R400 EMU TEST REGRESS HISTORY Tue Feb  4 03:13:19 2003
+-------------------------------------------------------------------------------------------
-----------------------------------+
+ No  Test Name                                          Emu Time Sync  Status
LastPass FailReason          MostRecentPath +
+-------------------------------------------------------------------------------------------
-----------------------------------+
    1 r400sc_rts_01                                     00:00:28 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_rts_01

    2 r400sc_rts_02                                     00:00:22 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_rts_02

    3 r400sc_rts_09                                     00:00:24 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_rts_09

    4 r400sc_rts_10                                     00:00:24 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_rts_10

    5 r400sc_rts_11                                     00:00:42 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_rts_11

    6 r400sc_rts_12                                     00:00:49 mkelly FAIL
 compare mismatch **
    7 r400sc_rts_18                                     00:04:19 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_rts_18

    8 r400sc_rts_19                                     00:01:29 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_rts_19

    9 r400sc_rts_20                                     00:01:07 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_rts_20

   10 r400sc_rts_21                                     00:00:27 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_rts_21

   11 r400sc_rts_fc_09                                  00:00:12 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_rts_fc_09

   12 r400sc_pinwheel_03                                00:01:32 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_pinwheel_03

   13 r400sc_pkr_row_wrap_disable_rts_01                00:00:29 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_pkr_row_wrap_disable_rts_01
```

```
   14 r400sc_vtx_and_pix_pipe_disable_combos_05          00:01:41 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_vtx_and_pix_pipe_disable_combos_
05
   15 r400sc_vtx_pipe_disable_0101_01                    00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_vtx_pipe_disable_0101_01

   16 r400sc_vtx_pipe_disable_0100_01                    00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_vtx_pipe_disable_0100_01

   17 r400sc_vtx_and_pix_pipe_disable_rnd_combos_01      00:00:47 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_vtx_and_pix_pipe_disable_rnd_com
bos_01
   18 r400sc_vtx_and_pix_pipe_disable_rnd_combos_02      00:00:24 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_vtx_and_pix_pipe_disable_rnd_com
bos_02
   19 r400sc_vtx_pipe_disable_combos_01                  00:00:45 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_vtx_pipe_disable_combos_01

   20 r400sc_vtx_and_pix_pipe_disable_combos_01          00:00:46 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_vtx_and_pix_pipe_disable_combos_
01
   21 r400sc_pix_pipe_disable_combos_01                  00:00:45 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_pix_pipe_disable_combos_01

   22 r400sc_vtx_pipe_disable_combos_02                  00:00:22 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_vtx_pipe_disable_combos_02

   23 r400sc_vtx_and_pix_pipe_disable_combos_02          00:00:25 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_vtx_and_pix_pipe_disable_combos_
02
   24 r400sc_pix_pipe_disable_combos_02                  00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_pix_pipe_disable_combos_02

   25 r400sc_vtx_pipe_disable_combos_03                  00:00:29 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_vtx_pipe_disable_combos_03

   26 r400sc_vtx_and_pix_pipe_disable_combos_03          00:00:33 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_vtx_and_pix_pipe_disable_combos_
03
   27 r400sc_vtx_and_pix_pipe_disable_combos_04          00:08:46 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_vtx_and_pix_pipe_disable_combos_
04
   28 r400sc_pix_pipe_disable_combos_03                  00:00:33 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_pix_pipe_disable_combos_03

   29 r400sc_centers_and_centroids_state_switching_01    00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_centers_and_centroids_state_swit
ching_01
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   30 r400sc_msaa_8_simple_triangle_01                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_msaa_8_simple_triangle_01

   31 r400sc_viz_query_02                                 00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_viz_query_02

   32 r400sc_pipe_disable_v0_p0_01                        00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_pipe_disable_v0_p0_01

   33 r400sc_pipe_disable_v01_p01_01                      00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_pipe_disable_v01_p01_01

   34 r400sc_pipe_disable_v2_p2_01                        00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_pipe_disable_v2_p2_01

   35 r400sc_pipe_disable_v02_p02_01                      00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_pipe_disable_v02_p02_01

   36 r400sc_pipe_disable_v12_p12_01                      00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_pipe_disable_v12_p12_01

   37 r400sc_pipe_disable_v012_p012_01                    00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_pipe_disable_v012_p012_01

   38 r400sc_pipe_disable_v3_p3_01                        00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_pipe_disable_v3_p3_01

   39 r400sc_pipe_disable_v03_p03_01                      00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_pipe_disable_v03_p03_01

   40 r400sc_pipe_disable_v13_p13_01                      00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_pipe_disable_v13_p13_01

   41 r400sc_pipe_disable_v013_p013_01                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_pipe_disable_v013_p013_01

   42 r400sc_pipe_disable_v23_p23_01                      00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_pipe_disable_v23_p23_01

   43 r400sc_pipe_disable_v023_p023_01                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_pipe_disable_v023_p023_01

   44 r400sc_pipe_disable_v123_p123_01                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_pipe_disable_v123_p123_01

   45 r400sc_simple_register_indirect                     00:00:09 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_simple_register_indirect
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   46 r400sc_simple_triangle_01                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_simple_triangle_01

   47 r400sc_fifo_sizing_01                              00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_fifo_sizing_01

   48 r400sc_clip_vtx_reorder_01                         00:00:32 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_clip_vtx_reorder_01

   49 r400sc_pipes_2_3_disabled_01                       00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_pipes_2_3_disabled_01

   50 r400sc_pkr_row_wrap_disable_01                     00:00:24 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_pkr_row_wrap_disable_01

   51 r400sc_pkr_row_wrap_disable_02                     00:01:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_pkr_row_wrap_disable_02

   52 r400sc_pkr_row_wrap_disable_03                     00:01:25 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_pkr_row_wrap_disable_03

   53 r400sc_pkr_row_wrap_disable_04                     00:01:26 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_pkr_row_wrap_disable_04

   54 r400sc_pkr_row_wrap_disable_05                     00:01:56 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_pkr_row_wrap_disable_05

   55 r400sc_quad_order_enable_01                        00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_quad_order_enable_01

   56 r400sc_one_quad_per_clock_enable_01                00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_one_quad_per_clock_enable_01

   57 r400sc_pix_pipes_2_3_disabled_01                   00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_pix_pipes_2_3_disabled_01

   58 r400sc_persp_corr_disable_01                       00:00:11 mkelly FAIL
 compare mismatch **
   59 r400sc_max_line_width_01                           00:00:45 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_max_line_width_01

   60 r400sc_max_line_width_02                           00:00:46 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_max_line_width_02

   61 r400sc_hw_coords_01                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_hw_coords_01

   62 r400sc_hw_coords_02                                00:00:11 mkelly PASS    mkelly
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\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_hw_coords_02

63 r400sc_hw_coords_03 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_hw_coords_03

64 r400sc_hw_coords_04 00:00:15 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_hw_coords_04

65 r400sc_hw_coords_05 00:00:29 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_hw_coords_05

66 r400sc_baryc_01 00:00:23 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_baryc_01

67 r400sc_baryc_02 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_baryc_02

68 r400sc_bres_cntl_01 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_bres_cntl_01

69 r400sc_bres_cntl_02 00:00:21 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_bres_cntl_02

70 r400sc_bres_cntl_03 00:00:21 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_bres_cntl_03

71 r400sc_bres_cntl_04 00:00:22 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_bres_cntl_04

72 r400sc_bres_cntl_w2k_01 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_bres_cntl_w2k_01

73 r400sc_bres_cntl_w9x_01 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_bres_cntl_w9x_01

74 r400sc_clip_rect_01 00:00:15 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_clip_rect_01

75 r400sc_clip_rect_02 00:00:15 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_clip_rect_02

76 r400sc_clip_rect_03 00:00:15 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_clip_rect_03

77 r400sc_clip_rect_04 00:00:15 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_clip_rect_04

78 r400sc_clip_rect_fc_01 00:00:10 mkelly PASS mkelly

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\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_clip_rect_fc_01

   79 r400sc_clipped_triangle_polymode_line_stippled_01  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_clipped_triangle_polymode_line_s
tippled_01
   80 r400sc_diamond_exit_01                             00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_diamond_exit_01

   81 r400sc_diamond_exit_02                             00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_diamond_exit_02

   82 r400sc_diamond_exit_03                             00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_diamond_exit_03

   83 r400sc_diamond_exit_04                             00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_diamond_exit_04

   84 r400sc_diamond_exit_05                             00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_diamond_exit_05

   85 r400sc_jss_1x1_primtypes_01                        00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_jss_1x1_primtypes_01

   86 r400sc_jss_1x2_01                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_jss_1x2_01

   87 r400sc_jss_1x2_02                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_jss_1x2_02

   88 r400sc_jss_1x2_primtypes_01                        00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_jss_1x2_primtypes_01

   89 r400sc_jss_1x3_01                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_jss_1x3_01

   90 r400sc_jss_1x3_02                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_jss_1x3_02

   91 r400sc_jss_1x3_primtypes_01                        00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_jss_1x3_primtypes_01

   92 r400sc_jss_1x4_01                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_jss_1x4_01

   93 r400sc_jss_1x4_02                                  00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_jss_1x4_02

   94 r400sc_jss_1x4_primtypes_01                        00:00:15 mkelly PASS    mkelly
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\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_jss_1x4_primtypes_01

95 r400sc_jss_2x1_01 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_jss_2x1_01

96 r400sc_jss_2x1_02 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_jss_2x1_02

97 r400sc_jss_2x1_primtypes_01 00:00:14 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_jss_2x1_primtypes_01

98 r400sc_jss_2x2_01 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_jss_2x2_01

99 r400sc_jss_2x2_02 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_jss_2x2_02

100 r400sc_jss_2x2_primtypes_01 00:00:14 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_jss_2x2_primtypes_01

101 r400sc_jss_2x3_01 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_jss_2x3_01

102 r400sc_jss_2x3_02 00:00:13 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_jss_2x3_02

103 r400sc_jss_2x3_primtypes_01 00:00:14 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_jss_2x3_primtypes_01

104 r400sc_jss_2x4_01 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_jss_2x4_01

105 r400sc_jss_2x4_02 00:00:13 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_jss_2x4_02

106 r400sc_jss_2x4_primtypes_01 00:00:14 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_jss_2x4_primtypes_01

107 r400sc_jss_3x1_01 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_jss_3x1_01

108 r400sc_jss_3x1_02 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_jss_3x1_02

109 r400sc_jss_3x1_primtypes_01 00:00:14 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_jss_3x1_primtypes_01

110 r400sc_jss_3x2_01 00:00:10 mkelly PASS mkelly

\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_jss_3x2_01

  111 r400sc_jss_3x2_02                                00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_jss_3x2_02

  112 r400sc_jss_3x2_primtypes_01                      00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_jss_3x2_primtypes_01

  113 r400sc_jss_3x3_01                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_jss_3x3_01

  114 r400sc_jss_3x3_02                                00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_jss_3x3_02

  115 r400sc_jss_3x3_primtypes_01                      00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_jss_3x3_primtypes_01

  116 r400sc_jss_3x4_01                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_jss_3x4_01

  117 r400sc_jss_3x4_02                                00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_jss_3x4_02

  118 r400sc_jss_3x4_03                                00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_jss_3x4_03

  119 r400sc_jss_3x4_primtypes_01                      00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_jss_3x4_primtypes_01

  120 r400sc_jss_4x1_01                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_jss_4x1_01

  121 r400sc_jss_4x1_02                                00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_jss_4x1_02

  122 r400sc_jss_4x1_primtypes_01                      00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_jss_4x1_primtypes_01

  123 r400sc_jss_4x2_01                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_jss_4x2_01

  124 r400sc_jss_4x2_02                                00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_jss_4x2_02

  125 r400sc_jss_4x2_primtypes_01                      00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_jss_4x2_primtypes_01

  126 r400sc_jss_4x3_01                                00:00:11 mkelly PASS    mkelly

\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_jss_4x3_01

  127 r400sc_jss_4x3_02                                00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_jss_4x3_02

  128 r400sc_jss_4x3_primtypes_01                      00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_jss_4x3_primtypes_01

  129 r400sc_jss_4x4_01                                00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_jss_4x4_01

  130 r400sc_jss_4x4_02                                00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_jss_4x4_02

  131 r400sc_jss_4x4_03                                00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_jss_4x4_03

  132 r400sc_jss_4x4_aa_mask_01                        00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_jss_4x4_aa_mask_01

  133 r400sc_jss_4x4_aa_mask_02                        00:01:07 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_jss_4x4_aa_mask_02

  134 r400sc_jss_4x4_fc_01                             00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_jss_4x4_fc_01

  135 r400sc_jss_4x4_fc_02                             00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_jss_4x4_fc_02

  136 r400sc_jss_4x4_max_dist_01                       00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_jss_4x4_max_dist_01

  137 r400sc_jss_4x4_primtypes_01                      00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_jss_4x4_primtypes_01

  138 r400sc_line_dx10_eq_0_01                         00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_line_dx10_eq_0_01

  139 r400sc_line_dx10_ge_0_01                         00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_line_dx10_ge_0_01

  140 r400sc_line_dx10_lt_0_01                         00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_line_dx10_lt_0_01

  141 r400sc_line_dy10_eq_0_01                         00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_line_dy10_eq_0_01

  142 r400sc_line_dy10_ge_0_01                         00:00:10 mkelly PASS    mkelly

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\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_line_dy10_ge_0_01

  143 r400sc_line_dy10_lt_0_01                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_line_dy10_lt_0_01

  144 r400sc_line_expand_width_msaa_8_01                00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_line_expand_width_msaa_8_01

  145 r400sc_line_expand_width_msaa_8_02                00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_line_expand_width_msaa_8_02

  146 r400sc_line_expand_width_msaa_8_03                00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_line_expand_width_msaa_8_03

  147 r400sc_line_jss_3x4_01                            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_line_jss_3x4_01

  148 r400sc_line_list_01                               00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_line_list_01

  149 r400sc_line_list_02                               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_line_list_02

  150 r400sc_line_list_03                               00:00:52 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_line_list_03

  151 r400sc_line_list_04                               00:01:01 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_line_list_04

  152 r400sc_line_list_05                               00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_line_list_05

  153 r400sc_line_list_06                               00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_line_list_06

  154 r400sc_line_list_07                               00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_line_list_07

  155 r400sc_line_list_08                               00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_line_list_08

  156 r400sc_line_list_09                               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_line_list_09

  157 r400sc_line_list_10                               00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_line_list_10

  158 r400sc_line_list_11                               00:00:11 mkelly PASS    mkelly
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\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_line_list_11

  159 r400sc_line_list_12                                00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_line_list_12

  160 r400sc_line_list_13                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_line_list_13

  161 r400sc_line_list_14                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_line_list_14

  162 r400sc_line_list_15                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_line_list_15

  163 r400sc_line_list_16                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_line_list_16

  164 r400sc_line_list_17                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_line_list_17

  165 r400sc_line_list_18                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_line_list_18

  166 r400sc_line_list_concentric_circle_01              00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_line_list_concentric_circle_01

  167 r400sc_line_list_concentric_circle_02              00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_line_list_concentric_circle_02

  168 r400sc_line_list_concentric_circle_03              00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_line_list_concentric_circle_03

  169 r400sc_line_list_textured_01                       00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_line_list_textured_01

  170 r400sc_line_list_verify_st_01                      00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_line_list_verify_st_01

  171 r400sc_line_msaa_8_01                              00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_line_msaa_8_01

  172 r400sc_line_msaa_8_textured_01                     00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_line_msaa_8_textured_01

  173 r400sc_line_msaa_8_textured_fc_01                  00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_line_msaa_8_textured_fc_01

  174 r400sc_line_stipple_01                             00:00:10 mkelly PASS    mkelly

\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_line_stipple_01

175 r400sc_line_stipple_02 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_line_stipple_02

176 r400sc_line_stipple_03 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_line_stipple_03

177 r400sc_line_stipple_04 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_line_stipple_04

178 r400sc_line_stipple_05 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_line_stipple_05

179 r400sc_line_stipple_06 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_line_stipple_06

180 r400sc_line_stipple_07 00:00:16 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_line_stipple_07

181 r400sc_line_stipple_08 00:00:16 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_line_stipple_08

182 r400sc_line_stipple_09 00:00:16 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_line_stipple_09

183 r400sc_line_stipple_10 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_line_stipple_10

184 r400sc_line_stipple_11 00:00:13 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_line_stipple_11

185 r400sc_line_stipple_12 00:00:13 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_line_stipple_12

186 r400sc_line_stipple_13 00:00:13 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_line_stipple_13

187 r400sc_line_stipple_14 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_line_stipple_14

188 r400sc_line_stipple_15 00:00:19 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_line_stipple_15

189 r400sc_line_stipple_16 00:00:19 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_line_stipple_16

190 r400sc_line_stipple_17 00:00:21 mkelly PASS mkelly

\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_line_stipple_17

191 r400sc_line_stipple_18 00:00:14 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_line_stipple_18

192 r400sc_line_stipple_19 00:00:22 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_line_stipple_19

193 r400sc_line_stipple_20 00:00:21 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_line_stipple_20

194 r400sc_line_stipple_21 00:00:22 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_line_stipple_21

195 r400sc_line_stipple_22 00:00:22 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_line_stipple_22

196 r400sc_line_stipple_23 00:00:21 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_line_stipple_23

197 r400sc_line_stipple_fc_08 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_line_stipple_fc_08

198 r400sc_line_strip_stipple_01 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_line_strip_stipple_01

199 r400sc_msaa_1_01 00:00:15 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_msaa_1_01

200 r400sc_msaa_1_primtypes_01 00:00:13 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_msaa_1_primtypes_01

201 r400sc_msaa_1_rectangle_list_01 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_msaa_1_rectangle_list_01

202 r400sc_msaa_1_rectangle_list_02 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_msaa_1_rectangle_list_02

203 r400sc_msaa_1_rectangle_list_03 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_msaa_1_rectangle_list_03

204 r400sc_msaa_1_rectangle_list_04 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_msaa_1_rectangle_list_04

205 r400sc_msaa_1_rectangle_list_05 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_msaa_1_rectangle_list_05

206 r400sc_msaa_1_rectangle_list_06 00:00:10 mkelly PASS mkelly

\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_msaa_1_rectangle_list_06

  207 r400sc_msaa_1_rectangle_list_07                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_msaa_1_rectangle_list_07

  208 r400sc_msaa_1_rectangle_list_08                    00:00:09 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_msaa_1_rectangle_list_08

  209 r400sc_msaa_1_zbuffer_rectangle_list_01            00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_msaa_1_zbuffer_rectangle_list_01

  210 r400sc_msaa_1_zbuffer_rectangle_list_02            00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_msaa_1_zbuffer_rectangle_list_02

  211 r400sc_msaa_2_primtypes_01                         00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_msaa_2_primtypes_01

  212 r400sc_msaa_2_rectangle_list_01                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_msaa_2_rectangle_list_01

  213 r400sc_msaa_2_rectangle_list_02                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_msaa_2_rectangle_list_02

  214 r400sc_msaa_2_rectangle_list_03                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_msaa_2_rectangle_list_03

  215 r400sc_msaa_2_rectangle_list_04                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_msaa_2_rectangle_list_04

  216 r400sc_msaa_2_rectangle_list_05                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_msaa_2_rectangle_list_05

  217 r400sc_msaa_2_rectangle_list_06                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_msaa_2_rectangle_list_06

  218 r400sc_msaa_2_rectangle_list_07                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_msaa_2_rectangle_list_07

  219 r400sc_msaa_2_rectangle_list_08                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_msaa_2_rectangle_list_08

  220 r400sc_msaa_2_zbuffer_rectangle_list_01            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_msaa_2_zbuffer_rectangle_list_01

  221 r400sc_msaa_2_zbuffer_rectangle_list_02            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_msaa_2_zbuffer_rectangle_list_02

  222 r400sc_msaa_3_primtypes_01                         00:00:13 mkelly PASS    mkelly

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\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_msaa_3_primtypes_01

  223 r400sc_msaa_3_rectangle_list_01                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_msaa_3_rectangle_list_01

  224 r400sc_msaa_3_rectangle_list_02                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_msaa_3_rectangle_list_02

  225 r400sc_msaa_3_rectangle_list_03                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_msaa_3_rectangle_list_03

  226 r400sc_msaa_3_rectangle_list_04                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_msaa_3_rectangle_list_04

  227 r400sc_msaa_3_rectangle_list_05                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_msaa_3_rectangle_list_05

  228 r400sc_msaa_3_rectangle_list_06                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_msaa_3_rectangle_list_06

  229 r400sc_msaa_3_rectangle_list_07                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_msaa_3_rectangle_list_07

  230 r400sc_msaa_3_rectangle_list_08                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_msaa_3_rectangle_list_08

  231 r400sc_msaa_3_zbuffer_rectangle_list_01            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_msaa_3_zbuffer_rectangle_list_01

  232 r400sc_msaa_3_zbuffer_rectangle_list_02            00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_msaa_3_zbuffer_rectangle_list_02

  233 r400sc_msaa_4_01                                   00:00:14 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_msaa_4_01

  234 r400sc_msaa_4_primtypes_01                         00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_msaa_4_primtypes_01

  235 r400sc_msaa_4_rectangle_list_01                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_msaa_4_rectangle_list_01

  236 r400sc_msaa_4_rectangle_list_02                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_msaa_4_rectangle_list_02

  237 r400sc_msaa_4_rectangle_list_03                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_msaa_4_rectangle_list_03

  238 r400sc_msaa_4_rectangle_list_04                    00:00:10 mkelly PASS    mkelly
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\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_msaa_4_rectangle_list_04

  239 r400sc_msaa_4_rectangle_list_05                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_msaa_4_rectangle_list_05

  240 r400sc_msaa_4_rectangle_list_06                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_msaa_4_rectangle_list_06

  241 r400sc_msaa_4_rectangle_list_07                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_msaa_4_rectangle_list_07

  242 r400sc_msaa_4_rectangle_list_08                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_msaa_4_rectangle_list_08

  243 r400sc_msaa_4_zbuffer_rectangle_list_01            00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_msaa_4_zbuffer_rectangle_list_01

  244 r400sc_msaa_4_zbuffer_rectangle_list_02            00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_msaa_4_zbuffer_rectangle_list_02

  245 r400sc_msaa_6_01                                   00:00:15 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_msaa_6_01

  246 r400sc_msaa_6_primtypes_01                         00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_msaa_6_primtypes_01

  247 r400sc_msaa_6_rectangle_list_01                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_msaa_6_rectangle_list_01

  248 r400sc_msaa_6_rectangle_list_02                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_msaa_6_rectangle_list_02

  249 r400sc_msaa_6_rectangle_list_03                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_msaa_6_rectangle_list_03

  250 r400sc_msaa_6_rectangle_list_04                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_msaa_6_rectangle_list_04

  251 r400sc_msaa_6_rectangle_list_05                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_msaa_6_rectangle_list_05

  252 r400sc_msaa_6_rectangle_list_06                    00:00:09 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_msaa_6_rectangle_list_06

  253 r400sc_msaa_6_rectangle_list_07                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_msaa_6_rectangle_list_07

  254 r400sc_msaa_6_rectangle_list_08                    00:00:10 mkelly PASS    mkelly
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\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_msaa_6_rectangle_list_08

255 r400sc_msaa_6_zbuffer_rectangle_list_01 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_msaa_6_zbuffer_rectangle_list_01

256 r400sc_msaa_6_zbuffer_rectangle_list_02 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_msaa_6_zbuffer_rectangle_list_02

257 r400sc_msaa_8_01 00:00:15 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_msaa_8_01

258 r400sc_msaa_8_02 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_msaa_8_02

259 r400sc_msaa_8_03 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_msaa_8_03

260 r400sc_msaa_8_04 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_msaa_8_04

261 r400sc_msaa_8_05 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_msaa_8_05

262 r400sc_msaa_8_aa_mask_01 00:00:15 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_msaa_8_aa_mask_01

263 r400sc_msaa_8_aa_mask_02 00:00:28 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_msaa_8_aa_mask_02

264 r400sc_msaa_8_aa_mask_fc_02 00:00:13 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_msaa_8_aa_mask_fc_02

265 r400sc_msaa_8_primtypes_01 00:00:14 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_msaa_8_primtypes_01

266 r400sc_msaa_8_rectangle_list_01 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_msaa_8_rectangle_list_01

267 r400sc_msaa_8_rectangle_list_02 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_msaa_8_rectangle_list_02

268 r400sc_msaa_8_rectangle_list_03 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_msaa_8_rectangle_list_03

269 r400sc_msaa_8_rectangle_list_04 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_msaa_8_rectangle_list_04

270 r400sc_msaa_8_rectangle_list_05 00:00:10 mkelly PASS mkelly

\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_msaa_8_rectangle_list_05

271 r400sc_msaa_8_rectangle_list_06 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_msaa_8_rectangle_list_06

272 r400sc_msaa_8_rectangle_list_07 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_msaa_8_rectangle_list_07

273 r400sc_msaa_8_rectangle_list_08 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_msaa_8_rectangle_list_08

274 r400sc_msaa_8_zbuffer_rectangle_list_01 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_msaa_8_zbuffer_rectangle_list_01

275 r400sc_msaa_8_zbuffer_rectangle_list_02 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_msaa_8_zbuffer_rectangle_list_02

276 r400sc_null_triangles_01 00:00:13 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_null_triangles_01

277 r400sc_null_triangles_fc_01 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_null_triangles_fc_01

278 r400sc_packed_color_01 00:00:13 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_packed_color_01

279 r400sc_perf_01 00:00:14 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_perf_01

280 r400sc_perf_02 00:00:13 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_perf_02

281 r400sc_perf_03 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_perf_03

282 r400sc_pinwheel_01 00:00:17 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_pinwheel_01

283 r400sc_pinwheel_02 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_pinwheel_02

284 r400sc_point_jss_3x4_01 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_point_jss_3x4_01

285 r400sc_point_list_01 00:00:26 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_point_list_01

286 r400sc_point_list_02 00:00:12 mkelly PASS mkelly

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\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_point_list_02

  287 r400sc_point_list_03                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_point_list_03

  288 r400sc_point_list_04                              00:00:25 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_point_list_04

  289 r400sc_point_list_05                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_point_list_05

  290 r400sc_point_list_06                              00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_point_list_06

  291 r400sc_point_list_07                              00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_point_list_07

  292 r400sc_point_list_08                              00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_point_list_08

  293 r400sc_point_list_09                              00:00:09 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_point_list_09

  294 r400sc_point_msaa_8_01                            00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_point_msaa_8_01

  295 r400sc_poly_offset_01                             00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_poly_offset_01

  296 r400sc_poly_offset_02                             00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_poly_offset_02

  297 r400sc_poly_offset_03                             00:00:56 mkelly FAIL
 compare mismatch **
  298 r400sc_poly_offset_04                             00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_poly_offset_04

  299 r400sc_poly_offset_05                             00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_poly_offset_05

  300 r400sc_poly_offset_06                             00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_poly_offset_06

  301 r400sc_poly_offset_07                             00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_poly_offset_07

  302 r400sc_poly_offset_08                             00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_poly_offset_08
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  303 r400sc_poly_offset_09                           00:00:57 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_poly_offset_09

  304 r400sc_poly_offset_10                           00:00:56 mkelly FAIL
 gold or cmp file mis
  305 r400sc_poly_offset_fc_01                        00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_poly_offset_fc_01

  306 r400sc_polygon_stipple_01                       00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_polygon_stipple_01

  307 r400sc_polymode_tri_fill_01                     00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_polymode_tri_fill_01

  308 r400sc_prsp_byc_intrp_ref_pix_01                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_prsp_byc_intrp_ref_pix_01

  309 r400sc_prsp_byc_intrp_ref_pix_02                00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_prsp_byc_intrp_ref_pix_02

  310 r400sc_prsp_byc_intrp_ref_pix_03                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_prsp_byc_intrp_ref_pix_03

  311 r400sc_prsp_byc_intrp_ref_pix_04                00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_prsp_byc_intrp_ref_pix_04

  312 r400sc_prsp_byc_intrp_ref_pix_05                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_prsp_byc_intrp_ref_pix_05

  313 r400sc_prsp_byc_intrp_ref_pix_06                00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_prsp_byc_intrp_ref_pix_06

  314 r400sc_prsp_byc_intrp_ref_pix_07                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_prsp_byc_intrp_ref_pix_07

  315 r400sc_prsp_byc_intrp_ref_pix_08                00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_prsp_byc_intrp_ref_pix_08

  316 r400sc_raster_fill_rule_01                      00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_raster_fill_rule_01

  317 r400sc_raster_fill_rule_02                      00:00:45 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_raster_fill_rule_02

  318 r400sc_raster_fill_rule_03                      00:00:33 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_raster_fill_rule_03
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  319 r400sc_raster_fill_rule_04                          00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_raster_fill_rule_04

  320 r400sc_raster_fill_rule_05                          00:00:22 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_raster_fill_rule_05

  321 r400sc_raster_fill_rule_06                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_raster_fill_rule_06

  322 r400sc_raster_fill_rule_07                          00:00:25 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_raster_fill_rule_07

  323 r400sc_raster_fill_rule_08                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_raster_fill_rule_08

  324 r400sc_raster_fill_rule_09                          00:00:26 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_raster_fill_rule_09

  325 r400sc_raster_fill_rule_10                          00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_raster_fill_rule_10

  326 r400sc_raster_fill_rule_11                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_raster_fill_rule_11

  327 r400sc_raster_fill_rule_12                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_raster_fill_rule_12

  328 r400sc_raster_fill_rule_13                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_raster_fill_rule_13

  329 r400sc_raster_fill_rule_14                          00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_raster_fill_rule_14

  330 r400sc_raster_fill_rule_15                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_raster_fill_rule_15

  331 r400sc_raster_fill_rule_16                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_raster_fill_rule_16

  332 r400sc_raster_fill_rule_17                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_raster_fill_rule_17

  333 r400sc_raster_fill_rule_18                          00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_raster_fill_rule_18

  334 r400sc_raster_fill_rule_19                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_raster_fill_rule_19
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  335 r400sc_raster_fill_rule_20                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_raster_fill_rule_20

  336 r400sc_raster_fill_rule_21                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_raster_fill_rule_21

  337 r400sc_raster_fill_rule_22                          00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_raster_fill_rule_22

  338 r400sc_raster_fill_rule_23                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_raster_fill_rule_23

  339 r400sc_raster_fill_rule_24                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_raster_fill_rule_24

  340 r400sc_raster_fill_rule_25                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_raster_fill_rule_25

  341 r400sc_raster_fill_rule_26                          00:00:22 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_raster_fill_rule_26

  342 r400sc_raster_fill_rule_fc_01                       00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_raster_fill_rule_fc_01

  343 r400sc_rbbm_reg_read                                00:00:05 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_rbbm_reg_read

  344 r400sc_rectangle_list_01                            00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_rectangle_list_01

  345 r400sc_rectangle_list_02                            00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_rectangle_list_02

  346 r400sc_rectangle_list_03                            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_rectangle_list_03

  347 r400sc_rectangle_list_04                            00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_rectangle_list_04

  348 r400sc_rectangle_list_05                            00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_rectangle_list_05

  349 r400sc_rectangle_list_06                            00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_rectangle_list_06

  350 r400sc_rectangle_list_07                            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_rectangle_list_07
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  351 r400sc_rectangle_list_08                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_rectangle_list_08

  352 r400sc_scissor_rect_01                            00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_scissor_rect_01

  353 r400sc_scissor_rect_02                            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_scissor_rect_02

  354 r400sc_scissor_rect_03                            00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_scissor_rect_03

  355 r400sc_scissor_rect_04                            00:00:22 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_scissor_rect_04

  356 r400sc_scissor_rect_05                            00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_scissor_rect_05

  357 r400sc_scissor_rect_fc_01                         00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_scissor_rect_fc_01

  358 r400sc_set_state_01                               00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_set_state_01

  359 r400sc_sp_sample_cntl_01                          00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_sp_sample_cntl_01

  360 r400sc_sp_sample_cntl_02                          00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_sp_sample_cntl_02

  361 r400sc_sp_sample_cntl_03                          00:00:30 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_sp_sample_cntl_03

  362 r400sc_sp_sample_cntl_04                          00:00:30 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_sp_sample_cntl_04

  363 r400sc_sp_sample_cntl_05                          00:00:27 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_sp_sample_cntl_05

  364 r400sc_sp_sample_cntl_06                          00:00:30 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_sp_sample_cntl_06

  365 r400sc_sp_sample_cntl_07                          00:00:28 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_sp_sample_cntl_07

  366 r400sc_sp_sample_cntl_08                          00:00:26 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_sp_sample_cntl_08
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  367 r400sc_sp_sample_cntl_09                          00:00:13 mkelly FAIL
 gold or cmp file mis
  368 r400sc_sp_sample_cntl_10                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_sp_sample_cntl_10

  369 r400sc_sp_sample_cntl_fc_03                       00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_sp_sample_cntl_fc_03

  370 r400sc_sp_sample_cntl_fc_05                       00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_sp_sample_cntl_fc_05

  371 r400sc_tri_16_par_64_dwords_01                    00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_tri_16_par_64_dwords_01

  372 r400sc_tri_8textures_01                           00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_tri_8textures_01

  373 r400sc_tri_8textures_02                           00:00:25 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_tri_8textures_02

  374 r400sc_tri_walk_start_vertex_01                   00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_tri_walk_start_vertex_01

  375 r400sc_tri_walk_start_vertex_02                   00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_tri_walk_start_vertex_02

  376 r400sc_tri_walk_start_vertex_03                   00:00:19 mkelly FAIL
 compare mismatch **
  377 r400sc_tri_walk_start_vertex_04                   00:00:19 mkelly FAIL
 compare mismatch **
  378 r400sc_tri_walk_start_vertex_05                   00:00:19 mkelly FAIL
 compare mismatch **
  379 r400sc_tri_walk_start_vertex_06                   00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_tri_walk_start_vertex_06

  380 r400sc_tri_walk_start_vertex_07                   00:00:19 mkelly FAIL
 compare mismatch **
  381 r400sc_tri_walk_start_vertex_08                   00:00:19 mkelly FAIL
 compare mismatch **
  382 r400sc_tri_walk_start_vertex_09                   00:00:19 mkelly FAIL
 compare mismatch **
  383 r400sc_tri_walk_start_vertex_10                   00:00:19 mkelly FAIL
 compare mismatch **
  384 r400sc_tri_walk_start_vertex_11                   00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_tri_walk_start_vertex_11

  385 r400sc_tri_walk_start_vertex_12                   00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_tri_walk_start_vertex_12
```

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  386 r400sc_tri_walk_start_vertex_13                    00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_tri_walk_start_vertex_13

  387 r400sc_tri_walk_start_vertex_14                    00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_tri_walk_start_vertex_14

  388 r400sc_tri_walk_start_vertex_15                    00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_tri_walk_start_vertex_15

  389 r400sc_tri_walk_start_vertex_16                    00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_tri_walk_start_vertex_16

  390 r400sc_triangle_stipple_01                         00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_triangle_stipple_01

  391 r400sc_window_offset_01                            00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_window_offset_01

  392 r400sc_window_offset_02                            00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_window_offset_02

  393 r400sc_window_offset_03                            00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_window_offset_03

  394 r400sc_window_offset_04                            00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_window_offset_04

  395 r400sc_window_offset_05                            00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_window_offset_05

  396 r400sc_window_offset_fc_01                         00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_window_offset_fc_01

  397 r400sc_window_scis_01                              00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_window_scis_01

  398 r400sc_zbuffer_line_list_01                        00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_zbuffer_line_list_01

  399 r400sc_zbuffer_point_list_01                       00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_zbuffer_point_list_01

  400 r400sc_zbuffer_rectangle_list_01                   00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_zbuffer_rectangle_list_01

  401 r400sc_zbuffer_rectangle_list_02                   00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_zbuffer_rectangle_list_02
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  402 r400sc_zbuffer_rectangle_list_fc_02               00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_zbuffer_rectangle_list_fc_02

  403 r400sc_zbuffer_triangle_list_01                   00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400sc_zbuffer_triangle_list_01

  404 r400cl_clip_vertex_reorder_01                     00:00:13 mkelly FAIL
 compare mismatch **
  405 r400cl_gband_variations_01                        00:00:35 mkelly FAIL
 compare mismatch **
  406 r400cl_gband_variations_infNan_01                 00:00:28 mkelly FAIL
 compare mismatch **
  407 r400cl_nan_kill_combo_01                          00:01:21 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_nan_kill_combo_01

  408 r400cl_triangle_plane_01                          00:00:32 mkelly FAIL
 compare mismatch **
  409 r400cl_edgeflags_lineFill_gband_01                00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_edgeflags_lineFill_gband_01

  410 r400cl_edgeflags_lineFill_gband_02                00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_edgeflags_lineFill_gband_02

  411 r400cl_edgeflags_lineFill_gband_03                00:00:15 mkelly FAIL
 compare mismatch **
  412 r400cl_edgeflags_lineFill_gband_04                00:00:15 mkelly FAIL
 compare mismatch **
  413 r400cl_edgeflags_lineFill_gband_05                00:00:17 mkelly FAIL
 compare mismatch **
  414 r400cl_edgeflags_lineFill_gband_horzClip_06       00:00:14 mkelly FAIL
 compare mismatch **
  415 r400cl_edgeflags_lineFill_gband_vertClip_06       00:00:14 mkelly FAIL
 compare mismatch **
  416 r400cl_edgeflags_lineFill_gband_07                00:00:33 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_edgeflags_lineFill_gband_07

  417 r400cl_edgeflags_pointFill_gband_01               00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_edgeflags_pointFill_gband_01

  418 r400cl_edgeflags_pointFill_gband_02               00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_edgeflags_pointFill_gband_02

  419 r400cl_edgeflags_pointFill_gband_03               00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_edgeflags_pointFill_gband_03

  420 r400cl_edgeflags_pointFill_gband_04               00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_edgeflags_pointFill_gband_04
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  421 r400cl_edgeflags_pointFill_gband_05                00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_edgeflags_pointFill_gband_05

  422 r400cl_edgeflags_pointFill_gband_horzClip_06       00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_edgeflags_pointFill_gband_horzCl
ip_06
  423 r400cl_edgeflags_pointFill_gband_vertClip_06       00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_edgeflags_pointFill_gband_vertCl
ip_06
  424 r400cl_edgeflags_pointFill_gband_07                00:00:30 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_edgeflags_pointFill_gband_07

  425 r400cl_gband_tcl_01                                00:00:26 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_gband_tcl_01

  426 r400cl_clip_space_dx_ogl_02                        00:00:25 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_clip_space_dx_ogl_02

  427 r400cl_barycentric_clip_perspective_01             00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_barycentric_clip_perspective_01

  428 r400cl_barycentric_clip_perspective_02             00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_barycentric_clip_perspective_02

  429 r400cl_barycentric_clip_perspective_03             00:00:15 mkelly FAIL
 compare mismatch **
  430 r400cl_barycentric_clip_perspective_04             00:00:16 mkelly FAIL
 compare mismatch **
  431 r400cl_gband_triclip_01                            00:00:11 mkelly FAIL
 compare mismatch **
  432 r400cl_gband_point_01                              00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_gband_point_01

  433 r400cl_edgeflags_pointFill_01                      00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_edgeflags_pointFill_01

  434 r400cl_edgeflags_pointFill_02                      00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_edgeflags_pointFill_02

  435 r400cl_edgeflags_pointFill_03                      00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_edgeflags_pointFill_03

  436 r400cl_edgeflags_pointFill_04                      00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_edgeflags_pointFill_04

  437 r400cl_edgeflags_pointFill_05                      00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_edgeflags_pointFill_05
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  438 r400cl_edgeflags_pointFill_vertClip_06             00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_edgeflags_pointFill_vertClip_06

  439 r400cl_edgeflags_pointFill_horzClip_06             00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_edgeflags_pointFill_horzClip_06

  440 r400cl_edgeflags_pointFill_07                      00:00:30 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_edgeflags_pointFill_07

  441 r400cl_ucp_combo_quadstrip_01                      00:00:49 mkelly FAIL
 compare mismatch **
  442 r400cl_ucp_combo_polygon_01                        00:00:46 mkelly FAIL
 compare mismatch **
  443 r400cl_ucp_cube_02                                 00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_ucp_cube_02

  444 r400cl_ucp_cube_01                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_ucp_cube_01

  445 r400cl_frustum_point_01                            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_frustum_point_01

  446 r400cl_vertex_reuse_clip_02                        00:00:56 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_vertex_reuse_clip_02

  447 r400cl_vertex_reuse_clip_03                        00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_vertex_reuse_clip_03

  448 r400cl_point_ucp_clip_mode3_cull_enable_01         00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_point_ucp_clip_mode3_cull_enable
_01
  449 r400cl_point_ucp_clip_mode3_cull_disable_01        00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_point_ucp_clip_mode3_cull_disabl
e_01
  450 r400cl_point_ucp_clip_mode2_cull_enable_01         00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_point_ucp_clip_mode2_cull_enable
_01
  451 r400cl_point_ucp_clip_mode2_cull_disable_01        00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_point_ucp_clip_mode2_cull_disabl
e_01
  452 r400cl_point_ucp_clip_mode1_cull_disable_01        00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_point_ucp_clip_mode1_cull_disabl
e_01
  453 r400cl_point_ucp_clip_mode0_cull_disable_01        00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_point_ucp_clip_mode0_cull_disabl
e_01
  454 r400cl_point_gband_clip_01                         00:00:11 mkelly PASS    mkelly
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\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_point_gband_clip_01

  455 r400cl_point_frustum_clip_01                        00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_point_frustum_clip_01

  456 r400cl_point_size_ucp_combo_01                      00:00:27 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_point_size_ucp_combo_01

  457 r400cl_frustum_LR_TB_01                             00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_frustum_LR_TB_01

  458 r400cl_edgeflags_05                                 00:00:16 mkelly FAIL
 compare mismatch **
  459 r400cl_edgeflags_06                                 00:00:13 mkelly FAIL
 compare mismatch **
  460 r400cl_edgeflags_07                                 00:00:30 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_edgeflags_07

  461 r400cl_cull_only_ena_02                             00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_cull_only_ena_02

  462 r400cl_cull_only_ena_03                             00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_cull_only_ena_03

  463 r400cl_barycentric_texture_01                       00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_barycentric_texture_01

  464 r400cl_clip_10_verts_01                             00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_clip_10_verts_01

  465 r400cl_clip_disable_01                              00:00:21 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_clip_disable_01

  466 r400cl_clip_space_dx_ogl_01                         00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_clip_space_dx_ogl_01

  467 r400cl_clip_ucp_6bits_01                            00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_clip_ucp_6bits_01

  468 r400cl_cull_only_ena_01                             00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_cull_only_ena_01

  469 r400cl_edgeflags_01                                 00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_edgeflags_01

  470 r400cl_edgeflags_02                                 00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_edgeflags_02
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  471 r400cl_edgeflags_03                                 00:00:12 mkelly FAIL
 compare mismatch **
  472 r400cl_edgeflags_04                                 00:00:12 mkelly FAIL
 compare mismatch **
  473 r400cl_edgeflags_frustum_bottom_01                  00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_edgeflags_frustum_bottom_01

  474 r400cl_edgeflags_frustum_far_01                     00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_edgeflags_frustum_far_01

  475 r400cl_edgeflags_frustum_left_01                    00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_edgeflags_frustum_left_01

  476 r400cl_edgeflags_frustum_near_01                    00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_edgeflags_frustum_near_01

  477 r400cl_edgeflags_frustum_right_01                   00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_edgeflags_frustum_right_01

  478 r400cl_edgeflags_frustum_top_01                     00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_edgeflags_frustum_top_01

  479 r400cl_edgeflags_gband_01                           00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_edgeflags_gband_01

  480 r400cl_edgeflags_gband_bottom_01                    00:00:21 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_edgeflags_gband_bottom_01

  481 r400cl_edgeflags_gband_left_01                      00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_edgeflags_gband_left_01

  482 r400cl_edgeflags_gband_right_01                     00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_edgeflags_gband_right_01

  483 r400cl_edgeflags_gband_top_01                       00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_edgeflags_gband_top_01

  484 r400cl_edgeflags_texture_sample_01                  00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_edgeflags_texture_sample_01

  485 r400cl_frustum_01                                   00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_frustum_01

  486 r400cl_frustum_02                                   00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_frustum_02

  487 r400cl_frustum_03                                   00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_frustum_03
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  488 r400cl_frustum_04                                 00:00:26 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_frustum_04

  489 r400cl_frustum_05                                 00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_frustum_05

  490 r400cl_frustum_06                                 00:00:24 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_frustum_06

  491 r400cl_frustum_07                                 00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_frustum_07

  492 r400cl_frustum_08                                 00:00:27 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_frustum_08

  493 r400cl_frustum_09                                 00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_frustum_09

  494 r400cl_frustum_10                                 00:00:24 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_frustum_10

  495 r400cl_frustum_11                                 00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_frustum_11

  496 r400cl_frustum_12                                 00:00:26 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_frustum_12

  497 r400cl_frustum_13                                 00:00:21 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_frustum_13

  498 r400cl_frustum_14                                 00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_frustum_14

  499 r400cl_frustum_15                                 00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_frustum_15

  500 r400cl_frustum_16                                 00:00:25 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_frustum_16

  501 r400cl_frustum_17                                 00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_frustum_17

  502 r400cl_frustum_18                                 00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_frustum_18

  503 r400cl_frustum_19                                 00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_frustum_19
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  504 r400cl_frustum_20                                00:00:25 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_frustum_20

  505 r400cl_frustum_21                                00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_frustum_21

  506 r400cl_frustum_22                                00:00:24 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_frustum_22

  507 r400cl_frustum_23                                00:00:22 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_frustum_23

  508 r400cl_frustum_24                                00:00:26 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_frustum_24

  509 r400cl_frustum_25                                00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_frustum_25

  510 r400cl_frustum_26                                00:00:24 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_frustum_26

  511 r400cl_frustum_27                                00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_frustum_27

  512 r400cl_frustum_28                                00:00:28 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_frustum_28

  513 r400cl_frustum_29                                00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_frustum_29

  514 r400cl_frustum_30                                00:00:24 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_frustum_30

  515 r400cl_frustum_31                                00:00:23 mkelly PASS    mkelly
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  516 r400cl_frustum_32                                00:00:27 mkelly PASS    mkelly
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  518 r400cl_frustum_34                                00:00:23 mkelly PASS    mkelly
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  519 r400cl_frustum_35                                00:00:23 mkelly PASS    mkelly
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  520 r400cl_frustum_36                                00:00:27 mkelly PASS    mkelly
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  523 r400cl_frustum_39                                00:00:21 mkelly PASS    mkelly
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  525 r400cl_frustum_41                                00:00:19 mkelly PASS    mkelly
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  528 r400cl_frustum_44                                00:00:24 mkelly PASS    mkelly
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  529 r400cl_frustum_45                                00:00:20 mkelly PASS    mkelly
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  535 r400cl_frustum_51                                00:00:22 mkelly PASS    mkelly
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  538 r400cl_frustum_54                                 00:00:22 mkelly PASS    mkelly
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  539 r400cl_frustum_55                                 00:00:22 mkelly PASS    mkelly
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  541 r400cl_frustum_57                                 00:00:20 mkelly PASS    mkelly
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  542 r400cl_frustum_58                                 00:00:22 mkelly PASS    mkelly
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  543 r400cl_frustum_59                                 00:00:22 mkelly PASS    mkelly
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  547 r400cl_frustum_63                                 00:00:23 mkelly PASS    mkelly
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  548 r400cl_frustum_64                                 00:00:23 mkelly PASS    mkelly
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  549 r400cl_frustum_65                                 00:00:19 mkelly PASS    mkelly
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  551 r400cl_frustum_67                                 00:00:22 mkelly PASS    mkelly
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  554 r400cl_frustum_70                                 00:00:23 mkelly PASS    mkelly
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  555 r400cl_frustum_71                                 00:00:22 mkelly PASS    mkelly
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  557 r400cl_frustum_76                                 00:00:25 mkelly PASS    mkelly
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  558 r400cl_frustum_81                                 00:00:17 mkelly PASS    mkelly
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  559 r400cl_frustum_86                                 00:00:22 mkelly PASS    mkelly
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  560 r400cl_frustum_91                                 00:00:22 mkelly PASS    mkelly
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  561 r400cl_frustum_96                                 00:00:25 mkelly PASS    mkelly
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  562 r400cl_frustum_LFT_combos_01                      00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_frustum_LFT_combos_01

  563 r400cl_frustum_LFT_rotated_01                     00:00:35 mkelly FAIL
 compare mismatch **
  564 r400cl_frustum_all_vols_lines                     00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_frustum_all_vols_lines

  565 r400cl_frustum_all_vols_tris                      00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_frustum_all_vols_tris

  566 r400cl_frustum_lines_01                           00:00:16 mkelly PASS    mkelly
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  567 r400cl_frustum_lines_02                           00:00:18 mkelly PASS    mkelly
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  568 r400cl_frustum_lines_03                          00:00:17 mkelly PASS    mkelly
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  578 r400cl_frustum_lines_103                         00:00:16 mkelly PASS    mkelly
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  582 r400cl_frustum_lines_107                         00:00:16 mkelly PASS    mkelly
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  583 r400cl_frustum_lines_108                         00:00:18 mkelly PASS    mkelly
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  616 r400cl_frustum_lines_43                          00:00:17 mkelly PASS    mkelly
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  631 r400cl_frustum_lines_58                          00:00:17 mkelly PASS    mkelly
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  632 r400cl_frustum_lines_59                          00:00:17 mkelly PASS    mkelly
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  635 r400cl_frustum_lines_62                          00:00:17 mkelly PASS    mkelly
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  638 r400cl_frustum_lines_65                          00:00:16 mkelly PASS    mkelly
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  639 r400cl_frustum_lines_66                          00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_frustum_lines_66

  640 r400cl_frustum_lines_67                          00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_frustum_lines_67

  641 r400cl_frustum_lines_68                          00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_frustum_lines_68

  642 r400cl_frustum_lines_69                          00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_frustum_lines_69

  643 r400cl_frustum_lines_70                          00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_frustum_lines_70

  644 r400cl_frustum_lines_71                          00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_frustum_lines_71

  645 r400cl_frustum_lines_72                          00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_frustum_lines_72

  646 r400cl_gband_01                                  00:00:17 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_gband_01

  647 r400cl_gband_02                                  00:00:18 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_gband_02
```

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 648 r400cl_gband_03                                  00:00:19 mkelly PASS    mkelly
                     \\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_gband_03

 649 r400cl_gband_04                                  00:00:18 mkelly PASS    mkelly
                     \\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_gband_04

 650 r400cl_gband_05                                  00:00:13 mkelly FAIL
compare mismatch **
 651 r400cl_gband_06                                  00:00:11 mkelly PASS    mkelly
                     \\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_gband_06

 652 r400cl_gband_07                                  00:00:13 mkelly FAIL
compare mismatch **
 653 r400cl_gband_08                                  00:00:14 mkelly FAIL
compare mismatch **
 654 r400cl_gband_09                                  00:00:13 mkelly FAIL
compare mismatch **
 655 r400cl_gband_10                                  00:00:12 mkelly FAIL
compare mismatch **
 656 r400cl_gband_11                                  00:00:12 mkelly FAIL
compare mismatch **
 657 r400cl_gband_12                                  00:00:13 mkelly FAIL
compare mismatch **
 658 r400cl_gband_13                                  00:00:13 mkelly FAIL
compare mismatch **
 659 r400cl_gband_14                                  00:00:13 mkelly FAIL
compare mismatch **
 660 r400cl_gband_15                                  00:00:13 mkelly FAIL
compare mismatch **
 661 r400cl_gband_16                                  00:00:13 mkelly FAIL
compare mismatch **
 662 r400cl_gband_17                                  00:00:12 mkelly FAIL
compare mismatch **
 663 r400cl_gband_18                                  00:00:13 mkelly FAIL
compare mismatch **
 664 r400cl_gband_19                                  00:00:13 mkelly FAIL
compare mismatch **
 665 r400cl_gband_20                                  00:00:12 mkelly FAIL
compare mismatch **
 666 r400cl_gband_21                                  00:00:12 mkelly FAIL
compare mismatch **
 667 r400cl_gband_22                                  00:00:12 mkelly FAIL
compare mismatch **
 668 r400cl_gband_23                                  00:00:18 mkelly FAIL
compare mismatch **
 669 r400cl_gband_24                                  00:00:17 mkelly FAIL
compare mismatch **
 670 r400cl_gband_25                                  00:00:16 mkelly FAIL
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 compare mismatch **
  671 r400cl_gband_26                                  00:00:14 mkelly FAIL
 compare mismatch **
  672 r400cl_gband_27                                  00:00:16 mkelly FAIL
 compare mismatch **
  673 r400cl_gband_28                                  00:00:16 mkelly FAIL
 compare mismatch **
  674 r400cl_gband_29                                  00:00:15 mkelly FAIL
 compare mismatch **
  675 r400cl_gband_30                                  00:00:13 mkelly FAIL
 compare mismatch **
  676 r400cl_gband_31                                  00:00:13 mkelly FAIL
 compare mismatch **
  677 r400cl_gband_32                                  00:00:12 mkelly FAIL
 compare mismatch **
  678 r400cl_gband_33                                  00:00:14 mkelly FAIL
 compare mismatch **
  679 r400cl_gband_34                                  00:00:13 mkelly FAIL
 compare mismatch **
  680 r400cl_gband_35                                  00:00:14 mkelly FAIL
 compare mismatch **
  681 r400cl_gband_36                                  00:00:13 mkelly FAIL
 compare mismatch **
  682 r400cl_nan_kill_01                               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_nan_kill_01

  683 r400cl_point_ucp_combos_01                       00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_point_ucp_combos_01

  684 r400cl_pointlist_vertex_state_ucp_01             00:00:13 mkelly FAIL
 compare mismatch **
  685 r400cl_polymode_line_fill_01                     00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_polymode_line_fill_01

  686 r400cl_simple_triangle_01                        00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_simple_triangle_01

  687 r400cl_tri_polymode_line_stipple_ucp_combos_01   00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_tri_polymode_line_stipple_ucp_co
mbos_01
  688 r400cl_tri_polymode_line_ucp_combos_01           00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_tri_polymode_line_ucp_combos_01

  689 r400cl_triangle_polymode_line_stippled_01        00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_triangle_polymode_line_stippled_
01
  690 r400cl_ucp_combos_01                             00:00:54 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_ucp_combos_01
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  691 r400cl_ucp_combos_02                              00:00:55 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_ucp_combos_02

  692 r400cl_ucp_combos_03                              00:00:53 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_ucp_combos_03

  693 r400cl_ucp_combos_04                              00:00:54 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_ucp_combos_04

  694 r400cl_ucp_combos_05                              00:00:54 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_ucp_combos_05

  695 r400cl_ucp_combos_06                              00:00:54 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_ucp_combos_06

  696 r400cl_ucp_combos_07                              00:00:54 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_ucp_combos_07

  697 r400cl_ucp_combos_08                              00:00:55 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_ucp_combos_08

  698 r400cl_ucp_combos_09                              00:00:55 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_ucp_combos_09

  699 r400cl_ucp_combos_10                              00:00:54 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_ucp_combos_10

  700 r400cl_ucp_combos_11                              00:00:54 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_ucp_combos_11

  701 r400cl_ucp_combos_12                              00:00:54 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_ucp_combos_12

  702 r400cl_ucp_combos_13                              00:00:55 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_ucp_combos_13

  703 r400cl_ucp_combos_14                              00:00:54 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_ucp_combos_14

  704 r400cl_ucp_combos_15                              00:00:55 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_ucp_combos_15

  705 r400cl_ucp_combos_16                              00:00:54 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_ucp_combos_16

  706 r400cl_ucp_combos_17                              00:00:54 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_ucp_combos_17
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  707 r400cl_ucp_combos_18                              00:00:54 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_ucp_combos_18

  708 r400cl_ucp_combos_19                              00:00:54 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_ucp_combos_19

  709 r400cl_ucp_combos_20                              00:00:54 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_ucp_combos_20

  710 r400cl_ucp_combos_21                              00:00:53 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_ucp_combos_21

  711 r400cl_ucp_combos_22                              00:00:55 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_ucp_combos_22

  712 r400cl_ucp_combos_23                              00:00:54 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_ucp_combos_23

  713 r400cl_ucp_combos_24                              00:00:55 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_ucp_combos_24

  714 r400cl_ucp_combos_25                              00:00:54 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_ucp_combos_25

  715 r400cl_ucp_combos_26                              00:00:54 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_ucp_combos_26

  716 r400cl_ucp_combos_27                              00:00:54 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_ucp_combos_27

  717 r400cl_ucp_combos_28                              00:00:54 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_ucp_combos_28

  718 r400cl_ucp_combos_29                              00:00:54 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_ucp_combos_29

  719 r400cl_ucp_combos_30                              00:00:54 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_ucp_combos_30

  720 r400cl_ucp_combos_31                              00:00:54 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_ucp_combos_31

  721 r400cl_ucp_combos_32                              00:00:55 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_ucp_combos_32

  722 r400cl_ucp_combos_33                              00:00:54 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_ucp_combos_33
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  723 r400cl_ucp_combos_34                              00:00:54 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_ucp_combos_34

  724 r400cl_ucp_combos_35                              00:00:54 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_ucp_combos_35

  725 r400cl_ucp_combos_36                              00:00:54 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_ucp_combos_36

  726 r400cl_ucp_combos_37                              00:00:54 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_ucp_combos_37

  727 r400cl_ucp_combos_38                              00:00:55 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_ucp_combos_38

  728 r400cl_ucp_combos_39                              00:00:54 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_ucp_combos_39

  729 r400cl_ucp_combos_40                              00:00:53 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_ucp_combos_40

  730 r400cl_ucp_combos_41                              00:00:54 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_ucp_combos_41

  731 r400cl_ucp_combos_42                              00:00:55 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_ucp_combos_42

  732 r400cl_ucp_combos_43                              00:00:54 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_ucp_combos_43

  733 r400cl_ucp_combos_44                              00:00:54 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_ucp_combos_44

  734 r400cl_ucp_combos_45                              00:00:54 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_ucp_combos_45

  735 r400cl_ucp_combos_46                              00:00:54 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_ucp_combos_46

  736 r400cl_ucp_combos_47                              00:00:54 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_ucp_combos_47

  737 r400cl_ucp_combos_48                              00:00:54 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_ucp_combos_48

  738 r400cl_ucp_combos_49                              00:00:54 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_ucp_combos_49
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  739 r400cl_ucp_combos_50                              00:00:55 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_ucp_combos_50

  740 r400cl_ucp_combos_51                              00:00:55 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_ucp_combos_51

  741 r400cl_ucp_combos_52                              00:00:54 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_ucp_combos_52

  742 r400cl_ucp_combos_53                              00:00:53 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_ucp_combos_53

  743 r400cl_ucp_combos_54                              00:00:54 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_ucp_combos_54

  744 r400cl_ucp_combos_55                              00:00:54 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_ucp_combos_55

  745 r400cl_ucp_combos_56                              00:00:54 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_ucp_combos_56

  746 r400cl_ucp_combos_57                              00:00:55 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_ucp_combos_57

  747 r400cl_ucp_combos_58                              00:00:55 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_ucp_combos_58

  748 r400cl_ucp_combos_59                              00:00:54 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_ucp_combos_59

  749 r400cl_ucp_combos_60                              00:00:54 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_ucp_combos_60

  750 r400cl_ucp_combos_61                              00:00:53 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_ucp_combos_61

  751 r400cl_ucp_combos_62                              00:00:54 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_ucp_combos_62

  752 r400cl_ucp_combos_63                              00:00:54 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_ucp_combos_63

  753 r400cl_ucp_combos_64                              00:00:54 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_ucp_combos_64

  754 r400cl_ucp_pointlist_01                           00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_ucp_pointlist_01
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  755 r400cl_vertex_reuse_clip_01                         00:00:50 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_vertex_reuse_clip_01

  756 r400cl_vtx_kill_01                                  00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_vtx_kill_01

  757 r400cl_vtx_kill_02                                  00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_vtx_kill_02

  758 r400cl_w_eq_0                                       00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_w_eq_0

  759 r400cl_clip_edgeflags_frustum_corners_01            00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_clip_edgeflags_frustum_corners_0
1
  760 r400cl_clip_edgeflags_frustum_corners_02            00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cl_clip_edgeflags_frustum_corners_0
2
  761 r400vgt_auto_index_line_list_01                     00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_auto_index_line_list_01

  762 r400vgt_auto_index_line_loop_01                     00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_auto_index_line_loop_01

  763 r400vgt_auto_index_line_strip_01                    00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_auto_index_line_strip_01

  764 r400vgt_auto_index_points_01                        00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_auto_index_points_01

  765 r400vgt_auto_index_polygon_01                       00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_auto_index_polygon_01

  766 r400vgt_auto_index_primtypes_01                     00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_auto_index_primtypes_01

  767 r400vgt_auto_index_quad_list_01                     00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_auto_index_quad_list_01

  768 r400vgt_auto_index_quad_strip_01                    00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_auto_index_quad_strip_01

  769 r400vgt_auto_index_rectangle_list_01                00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_auto_index_rectangle_list_01

  770 r400vgt_auto_index_tri_fan_01                       00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_auto_index_tri_fan_01
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  771 r400vgt_auto_index_tri_list_01                    00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_auto_index_tri_list_01

  772 r400vgt_auto_index_tri_strip_01                   00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_auto_index_tri_strip_01

  773 r400vgt_auto_index_tri_wflags_01                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_auto_index_tri_wflags_01

  774 r400vgt_debug_registers_01                        00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_debug_registers_01

  775 r400vgt_dma_engine_01                             00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_dma_engine_01

  776 r400vgt_dma_engine_02                             00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_dma_engine_02

  777 r400vgt_dma_engine_03                             00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_dma_engine_03

  778 r400vgt_dma_engine_04                             00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_dma_engine_04

  779 r400vgt_dma_engine_05                             00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_dma_engine_05

  780 r400vgt_dma_engine_06                             00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_dma_engine_06

  781 r400vgt_dma_engine_07                             00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_dma_engine_07

  782 r400vgt_dma_engine_08                             00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_dma_engine_08

  783 r400vgt_dma_engine_09                             00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_dma_engine_09

  784 r400vgt_dma_engine_10                             00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_dma_engine_10

  785 r400vgt_dma_index_line_list_01                    00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_dma_index_line_list_01

  786 r400vgt_dma_index_line_loop_01                    00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_dma_index_line_loop_01
```

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  787 r400vgt_dma_index_line_strip_01                    00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_dma_index_line_strip_01

  788 r400vgt_dma_index_points_01                       00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_dma_index_points_01

  789 r400vgt_dma_index_polygon_01                      00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_dma_index_polygon_01

  790 r400vgt_dma_index_primtypes_01                    00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_dma_index_primtypes_01

  791 r400vgt_dma_index_primtypes_02                    00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_dma_index_primtypes_02

  792 r400vgt_dma_index_quad_list_01                    00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_dma_index_quad_list_01

  793 r400vgt_dma_index_quad_strip_01                   00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_dma_index_quad_strip_01

  794 r400vgt_dma_index_rectangle_list_01               00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_dma_index_rectangle_list_01

  795 r400vgt_dma_index_tri_fan_01                      00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_dma_index_tri_fan_01

  796 r400vgt_dma_index_tri_list_01                     00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_dma_index_tri_list_01

  797 r400vgt_dma_index_tri_strip_01                    00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_dma_index_tri_strip_01

  798 r400vgt_dma_index_tri_wflags_01                   00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_dma_index_tri_wflags_01

  799 r400vgt_dma_swap_indx16_01                        00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_dma_swap_indx16_01

  800 r400vgt_dma_swap_indx16_agp_01                    00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_dma_swap_indx16_agp_01

  801 r400vgt_dma_swap_indx16_pci_01                    00:00:12 mkelly FAIL
 compare mismatch **
  802 r400vgt_dma_swap_indx32_01                        00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_dma_swap_indx32_01
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  803 r400vgt_dma_swap_indx32_agp_01                    00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_dma_swap_indx32_agp_01

  804 r400vgt_dma_swap_indx32_pci_01                    00:00:11 mkelly FAIL
 compare mismatch **
  805 r400vgt_draw_init_fifo_depth_01                   00:01:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_draw_init_fifo_depth_01

  806 r400vgt_edgeflags_polygon_01                      00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_edgeflags_polygon_01

  807 r400vgt_edgeflags_quad_list_01                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_edgeflags_quad_list_01

  808 r400vgt_edgeflags_quad_strip_01                   00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_edgeflags_quad_strip_01

  809 r400vgt_edgeflags_triangle_fan_01                 00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_edgeflags_triangle_fan_01

  810 r400vgt_edgeflags_triangle_list_01                00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_edgeflags_triangle_list_01

  811 r400vgt_edgeflags_triangle_strip_01               00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_edgeflags_triangle_strip_01

  812 r400vgt_edgeflags_triangle_wflags_01              00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_edgeflags_triangle_wflags_01

  813 r400vgt_event_handling_01                         00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_event_handling_01

  814 r400vgt_event_handling_02                         00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_event_handling_02

  815 r400vgt_event_handling_03                         00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_event_handling_03

  816 r400vgt_event_handling_04                         00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_event_handling_04

  817 r400vgt_ext2int_index_line_list_01                00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_ext2int_index_line_list_01

  818 r400vgt_ext2int_index_line_loop_01                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_ext2int_index_line_loop_01

  819 r400vgt_ext2int_index_line_strip_01               00:00:11 mkelly PASS    mkelly
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\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_ext2int_index_line_strip_01

  820 r400vgt_ext2int_index_points_01                    00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_ext2int_index_points_01

  821 r400vgt_ext2int_index_polygon_01                   00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_ext2int_index_polygon_01

  822 r400vgt_ext2int_index_quad_list_01                 00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_ext2int_index_quad_list_01

  823 r400vgt_ext2int_index_quad_strip_01                00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_ext2int_index_quad_strip_01

  824 r400vgt_ext2int_index_rectangle_list_01            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_ext2int_index_rectangle_list_01

  825 r400vgt_ext2int_index_triangle_fan_01              00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_ext2int_index_triangle_fan_01

  826 r400vgt_ext2int_index_triangle_list_01             00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_ext2int_index_triangle_list_01

  827 r400vgt_ext2int_index_triangle_strip_01            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_ext2int_index_triangle_strip_01

  828 r400vgt_ext2int_index_triangle_wflags_01           00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_ext2int_index_triangle_wflags_0
1
  829 r400vgt_hos_auto_index_line_list_01                00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_hos_auto_index_line_list_01

  830 r400vgt_hos_auto_index_quad_list_01                00:01:37 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_hos_auto_index_quad_list_01

  831 r400vgt_hos_auto_index_triangle_list_01            00:01:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_hos_auto_index_triangle_list_01

  832 r400vgt_hos_cubic_pos_pnt_discrete_01              00:00:25 mkelly FAIL
 compare mismatch **
  833 r400vgt_hos_LINE_adaptive_complex                  00:00:11 mkelly FAIL
 compare mismatch **
  834 r400vgt_hos_LPatch_01                              00:00:16 mkelly FAIL
 compare mismatch **
  835 r400vgt_hos_multi_prim_reset_index_01              00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_hos_multi_prim_reset_index_01

  836 r400vgt_hos_PNl_adaptive_complex                   00:00:11 mkelly FAIL
```

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compare mismatch **
 837 r400vgt_hos_PNL_cp_ln_cont_no_projection_01        00:00:15 mkelly FAIL
compare mismatch **
 838 r400vgt_hos_PNL_lp_ln_cont_no_projection_01        00:00:15 mkelly FAIL
gold or cmp file mis
 839 r400vgt_hos_PNQ_adaptive_complex                   00:00:27 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_hos_PNQ_adaptive_complex

 840 r400vgt_hos_PNQ_cp_qn_cont_light_texture_01        00:02:26 mkelly FAIL
compare mismatch **
 841 r400vgt_hos_PNQ_cp_qn_cont_light_texture_02        00:02:30 mkelly FAIL
compare mismatch **
 842 r400vgt_hos_PNQ_cp_qn_cont_no_projection_01        00:00:50 mkelly FAIL
compare mismatch **
 843 r400vgt_hos_PNQ_lp_cont_no_projection_01           00:00:38 mkelly FAIL
compare mismatch **
 844 r400vgt_hos_PNT_adaptive                          00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_hos_PNT_adaptive

 845 r400vgt_hos_PNT_adaptive_complex                  00:02:26 mkelly FAIL
compare mismatch **
 846 r400vgt_hos_PNT_cont_cp_qn_complex_01             00:02:28 mkelly FAIL
gold or cmp file mis
 847 r400vgt_hos_PNT_cont_cp_qn_precision_01           00:00:31 mkelly FAIL
compare mismatch **
 848 r400vgt_hos_PNT_cont_cp_qn_precision_02           00:00:43 mkelly FAIL
compare mismatch **
 849 r400vgt_hos_PNT_cp_qn_cont_light_texture_01       00:00:51 mkelly FAIL
gold or cmp file mis
 850 r400vgt_hos_PNT_cp_qn_cont_light_texture_02       00:00:51 mkelly FAIL
gold or cmp file mis
 851 r400vgt_hos_PNT_cp_qn_cont_light_texture_03       00:00:52 mkelly FAIL
gold or cmp file mis
 852 r400vgt_hos_PNT_cp_qn_cont_moving_normals_01      00:01:39 mkelly FAIL
gold or cmp file mis
 853 r400vgt_hos_PNT_cp_qn_cont_no_projection_01       00:00:29 mkelly FAIL
compare mismatch **
 854 r400vgt_hos_PNT_cp_qn_disc_14_04_lit_tex_proj_01  00:00:16 mkelly FAIL
gold or cmp file mis
 855 r400vgt_hos_PNT_disc_cp_qn_complex_01             00:02:01 mkelly FAIL
gold or cmp file mis
 856 r400vgt_hos_PNT_disc_cp_qn_light_texture_01       00:00:25 mkelly FAIL
gold or cmp file mis
 857 r400vgt_hos_PNT_disc_cp_qn_no_projection_01       00:00:17 mkelly FAIL
compare mismatch **
 858 r400vgt_hos_PNT_disc_cp_qn_precision_01           00:00:18 mkelly FAIL
compare mismatch **
 859 r400vgt_hos_PNT_disc_cp_qn_precision_02           00:00:33 mkelly FAIL
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 compare mismatch **
  860 r400vgt_hos_PNT_edge_detection_01                  00:01:44 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_hos_PNT_edge_detection_01

  861 r400vgt_hos_PNT_lp_cont_no_projection_01           00:00:31 mkelly FAIL
 compare mismatch **
  862 r400vgt_hos_PNTQL_cp_qn_cont_stress_01             00:00:54 mkelly FAIL
 gold or cmp file mis
  863 r400vgt_hos_RECT_adaptive_complex                  00:01:13 mkelly FAIL
 compare mismatch **
  864 r400vgt_hos_RPatch_cp_02                           00:02:04 mkelly FAIL
 gold or cmp file mis
  865 r400vgt_hos_RPatch_lp_02                           00:01:50 mkelly FAIL
 gold or cmp file mis
  866 r400vgt_hos_RTL_stress_01                          00:01:18 mkelly FAIL
 gold or cmp file mis
  867 r400vgt_hos_simple_linear_PNT_discrete_01          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_hos_simple_linear_PNT_discrete_
01
  868 r400vgt_hos_TPatch_01                              00:00:45 mkelly FAIL
 compare mismatch **
  869 r400vgt_hos_TPatch_02                              00:01:03 mkelly FAIL
 gold or cmp file mis
  870 r400vgt_hos_TRI_adaptive_complex                   00:00:35 mkelly FAIL
 compare mismatch **
  871 r400vgt_immed_index_line_list_01                   00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_immed_index_line_list_01

  872 r400vgt_immed_index_line_loop_01                   00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_immed_index_line_loop_01

  873 r400vgt_immed_index_line_strip_01                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_immed_index_line_strip_01

  874 r400vgt_immed_index_points_01                      00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_immed_index_points_01

  875 r400vgt_immed_index_polygon_01                     00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_immed_index_polygon_01

  876 r400vgt_immed_index_primtypes_01                   00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_immed_index_primtypes_01

  877 r400vgt_immed_index_quad_list_01                   00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_immed_index_quad_list_01

  878 r400vgt_immed_index_quad_strip_01                  00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_immed_index_quad_strip_01
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  879 r400vgt_immed_index_rectangle_list_01             00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_immed_index_rectangle_list_01

  880 r400vgt_immed_index_tri_fan_01                    00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_immed_index_tri_fan_01

  881 r400vgt_immed_index_tri_list_01                   00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_immed_index_tri_list_01

  882 r400vgt_immed_index_tri_strip_01                  00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_immed_index_tri_strip_01

  883 r400vgt_immed_index_tri_wflags_01                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_immed_index_tri_wflags_01

  884 r400vgt_index_dealloc_line_list_01                00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_index_dealloc_line_list_01

  885 r400vgt_index_dealloc_points_01                   00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_index_dealloc_points_01

  886 r400vgt_index_dealloc_triangle_list_01            00:00:26 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_index_dealloc_triangle_list_01

  887 r400vgt_index_min_max_01                          00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_index_min_max_01

  888 r400vgt_index_min_max_02                          00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_index_min_max_02

  889 r400vgt_index_min_max_03                          00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_index_min_max_03

  890 r400vgt_index_min_max_04                          00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_index_min_max_04

  891 r400vgt_index_offset_01                           00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_index_offset_01

  892 r400vgt_index_offset_02                           00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_index_offset_02

  893 r400vgt_index_offset_03                           00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_index_offset_03

  894 r400vgt_index_offset_04                           00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_index_offset_04
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  895 r400vgt_index_offset_05                          00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_index_offset_05

  896 r400vgt_index_offset_06                          00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_index_offset_06

  897 r400vgt_index_offset_07                          00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_index_offset_07

  898 r400vgt_index_offset_08                          00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_index_offset_08

  899 r400vgt_index_size_01                            00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_index_size_01

  900 r400vgt_index_size_02                            00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_index_size_02

  901 r400vgt_index_source_switch_01                   00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_index_source_switch_01

  902 r400vgt_line_list_01                             00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_line_list_01

  903 r400vgt_line_list_02                             00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_line_list_02

  904 r400vgt_line_loop_01                             00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_line_loop_01

  905 r400vgt_line_loop_02                             00:00:21 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_line_loop_02

  906 r400vgt_line_strip_01                            00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_line_strip_01

  907 r400vgt_line_strip_02                            00:00:21 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_line_strip_02

  908 r400vgt_local_tonemapping                        00:01:58 mkelly FAIL
 gold or cmp file mis
  909 r400vgt_multi_context_01                         00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_multi_context_01

  910 r400vgt_multi_context_02                         00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_multi_context_02
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  911 r400vgt_multi_context_03                          00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_multi_context_03

  912 r400vgt_multi_context_04                          00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_multi_context_04

  913 r400vgt_multi_context_05                          00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_multi_context_05

  914 r400vgt_multi_context_06                          00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_multi_context_06

  915 r400vgt_multi_context_07                          00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_multi_context_07

  916 r400vgt_multi_context_08                          00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_multi_context_08

  917 r400vgt_multi_context_09                          00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_multi_context_09

  918 r400vgt_multi_context_10                          00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_multi_context_10

  919 r400vgt_multi_context_11                          00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_multi_context_11

  920 r400vgt_multi_context_12                          00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_multi_context_12

  921 r400vgt_multi_pass_pix_shader_01                  00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_multi_pass_pix_shader_01

  922 r400vgt_multi_pass_pix_shader_02                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_multi_pass_pix_shader_02

  923 r400vgt_multi_pass_pix_shader_03                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_multi_pass_pix_shader_03

  924 r400vgt_multi_pass_pix_shader_04                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_multi_pass_pix_shader_04

  925 r400vgt_multi_pass_pix_shader_05                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_multi_pass_pix_shader_05

  926 r400vgt_multi_pass_pix_shader_06                  00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_multi_pass_pix_shader_06
```

927 r400vgt_multi_pass_pix_shader_07 00:00:11 mkelly PASS mkelly \\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_multi_pass_pix_shader_07

928 r400vgt_multi_pass_pix_shader_08 00:00:12 mkelly PASS mkelly \\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_multi_pass_pix_shader_08

929 r400vgt_multi_prim_reset_index_all_01 00:00:12 mkelly PASS mkelly \\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_multi_prim_reset_index_all_01

930 r400vgt_multi_prim_reset_index_all_02 00:00:13 mkelly PASS mkelly \\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_multi_prim_reset_index_all_02

931 r400vgt_multi_prim_reset_index_all_03 00:00:14 mkelly PASS mkelly \\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_multi_prim_reset_index_all_03

932 r400vgt_multi_prim_reset_index_all_04 00:00:13 mkelly PASS mkelly \\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_multi_prim_reset_index_all_04

933 r400vgt_multi_prim_reset_index_all_05 00:00:13 mkelly PASS mkelly \\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_multi_prim_reset_index_all_05

934 r400vgt_multi_prim_reset_index_all_06 00:00:13 mkelly PASS mkelly \\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_multi_prim_reset_index_all_06

935 r400vgt_multi_prim_reset_index_all_07 00:00:13 mkelly PASS mkelly \\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_multi_prim_reset_index_all_07

936 r400vgt_pass_thru_all_prims_01 00:00:11 mkelly PASS mkelly \\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_pass_thru_all_prims_01

937 r400vgt_pass_thru_all_prims_02 00:00:11 mkelly PASS mkelly \\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_pass_thru_all_prims_02

938 r400vgt_perf_counters_events_01 00:00:18 mkelly PASS mkelly \\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_perf_counters_events_01

939 r400vgt_point_list_01 00:00:17 mkelly PASS mkelly \\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_point_list_01

940 r400vgt_point_list_02 00:00:17 mkelly PASS mkelly \\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_point_list_02

941 r400vgt_polygon_01 00:00:16 mkelly PASS mkelly \\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_polygon_01

942 r400vgt_polygon_02 00:00:18 mkelly PASS mkelly \\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_polygon_02

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  943 r400vgt_provoking_vtx_all_01                        00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_provoking_vtx_all_01

  944 r400vgt_provoking_vtx_edgeflags_all_01              00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_provoking_vtx_edgeflags_all_01

  945 r400vgt_provoking_vtx_polygon_01                    00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_provoking_vtx_polygon_01

  946 r400vgt_provoking_vtx_quad_list_01                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_provoking_vtx_quad_list_01

  947 r400vgt_provoking_vtx_quad_strip_01                 00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_provoking_vtx_quad_strip_01

  948 r400vgt_provoking_vtx_tri_fan_01                    00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_provoking_vtx_tri_fan_01

  949 r400vgt_provoking_vtx_tri_strip_01                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_provoking_vtx_tri_strip_01

  950 r400vgt_quad_list_01                                00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_quad_list_01

  951 r400vgt_quad_list_02                                00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_quad_list_02

  952 r400vgt_quad_strip_01                               00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_quad_strip_01

  953 r400vgt_quad_strip_02                               00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_quad_strip_02

  954 r400vgt_rbbm_reg_read                               00:00:05 mkelly FAIL
 gold or cmp file mis
  955 r400vgt_real_time_events_01                         00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_real_time_events_01

  956 r400vgt_real_time_events_02                         00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_real_time_events_02

  957 r400vgt_real_time_events_03                         00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_real_time_events_03

  958 r400vgt_real_time_events_04                         00:01:03 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_real_time_events_04

  959 r400vgt_real_time_events_05                         00:01:02 mkelly PASS    mkelly
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\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_real_time_events_05

960 r400vgt_real_time_events_06 00:01:03 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_real_time_events_06

961 r400vgt_real_time_events_07 00:00:18 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_real_time_events_07

962 r400vgt_rectangle_list_01 00:00:16 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_rectangle_list_01

963 r400vgt_rectangle_list_02 00:00:16 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_rectangle_list_02

964 r400vgt_reuse_depth_line_list_01 00:00:15 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_reuse_depth_line_list_01

965 r400vgt_reuse_depth_line_strip_01 00:00:15 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_reuse_depth_line_strip_01

966 r400vgt_reuse_depth_point_list_01 00:00:16 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_reuse_depth_point_list_01

967 r400vgt_reuse_depth_triangle_fan_01 00:00:17 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_reuse_depth_triangle_fan_01

968 r400vgt_reuse_depth_triangle_list_01 00:00:18 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_reuse_depth_triangle_list_01

969 r400vgt_reuse_depth_triangle_strip_01 00:00:17 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_reuse_depth_triangle_strip_01

970 r400vgt_reuse_index_line_list_01 00:00:28 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_reuse_index_line_list_01

971 r400vgt_reuse_index_point_list_01 00:00:20 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_reuse_index_point_list_01

972 r400vgt_reuse_index_triangle_list_01 00:00:22 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_reuse_index_triangle_list_01

973 r400vgt_reuse_index_triangle_list_02 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_reuse_index_triangle_list_02

974 r400vgt_reuse_index_triangle_list_03 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_reuse_index_triangle_list_03

975 r400vgt_simple_register_indirect 00:00:27 mkelly FAIL

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 gold or cmp file mis
  976 r400vgt_suppress_eop_01                          00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_suppress_eop_01

  977 r400vgt_suppress_eop_02                          00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_suppress_eop_02

  978 r400vgt_suppress_eop_03                          00:00:21 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_suppress_eop_03

  979 r400vgt_suppress_eop_04                          00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_suppress_eop_04

  980 r400vgt_suppress_eop_05                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_suppress_eop_05

  981 r400vgt_triangle_fan_01                          00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_triangle_fan_01

  982 r400vgt_triangle_fan_02                          00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_triangle_fan_02

  983 r400vgt_triangle_list_01                         00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_triangle_list_01

  984 r400vgt_triangle_list_02                         00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_triangle_list_02

  985 r400vgt_triangle_strip_01                        00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_triangle_strip_01

  986 r400vgt_triangle_strip_02                        00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_triangle_strip_02

  987 r400vgt_triangle_wflags_01                       00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_triangle_wflags_01

  988 r400vgt_triangle_wflags_02                       00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_triangle_wflags_02

  989 r400vgt_viz_query_01                             00:00:21 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_viz_query_01

  990 r400vgt_vtx_export_very_very_simple_01           00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_vtx_export_very_very_simple_01

  991 r400vgt_vtx_export_very_very_simple_02           00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_vtx_export_very_very_simple_02
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  992 r400vgt_vtx_export_very_very_simple_03             00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_vtx_export_very_very_simple_03

  993 r400vgt_vtx_export_very_very_simple_04             00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_vtx_export_very_very_simple_04

  994 r400vgt_vtx_vect_eject_01                          00:00:21 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_vtx_vect_eject_01

  995 r400vgt_vtx_vector_packing_01                      00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vgt_vtx_vector_packing_01

  996 r400su_4tri_text_offscreen_01                      00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_4tri_text_offscreen_01

  997 r400su_4trilist_edges_offscreen_01                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_4trilist_edges_offscreen_01

  998 r400su_back_face_fan_01                            00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_back_face_fan_01

  999 r400su_baryc_test_01                               00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_baryc_test_01

 1000 r400su_baryc_test_02                               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_baryc_test_02

 1001 r400su_baryc_test_03                               00:00:44 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_baryc_test_03

 1002 r400su_baryc_test_04                               00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_baryc_test_04

 1003 r400su_baryc_test_05                               00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_baryc_test_05

 1004 r400su_baryc_test_06                               00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_baryc_test_06

 1005 r400su_baryc_test_07                               00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_baryc_test_07

 1006 r400su_baryc_test_08                               00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_baryc_test_08

 1007 r400su_clip_baryc_test_01                          00:00:10 mkelly FAIL
 compare mismatch **
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 1008 r400su_clip_baryc_test_02                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_clip_baryc_test_02

 1009 r400su_clip_baryc_test_03                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_clip_baryc_test_03

 1010 r400su_clip_baryc_test_04                          00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_clip_baryc_test_04

 1011 r400su_clip_baryc_test_05                          00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_clip_baryc_test_05

 1012 r400su_clip_baryc_test_06                          00:00:13 mkelly FAIL
 compare mismatch **
 1013 r400su_clip_baryc_test_07                          00:00:13 mkelly FAIL
 compare mismatch **
 1014 r400su_clip_baryc_test_08                          00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_clip_baryc_test_08

 1015 r400su_clip_edgeflag_polymode_01                   00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_clip_edgeflag_polymode_01

 1016 r400su_clip_line_end_cap_functional_01             00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_clip_line_end_cap_functional_01

 1017 r400su_clip_pointsize_test_01                      00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_clip_pointsize_test_01

 1018 r400su_clip_pointtest_01                           00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_clip_pointtest_01

 1019 r400su_clip_pointtest_02                           00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_clip_pointtest_02

 1020 r400su_clip_pointtest_03                           00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_clip_pointtest_03

 1021 r400su_clip_pointtest_04                           00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_clip_pointtest_04

 1022 r400su_clip_polymode_random_01                     00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_clip_polymode_random_01

 1023 r400su_clip_polymode_random_02                     00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_clip_polymode_random_02

 1024 r400su_clip_polymode_test_01                       00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_clip_polymode_test_01
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 1025 r400su_clip_polymode_test_02                        00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_clip_polymode_test_02

 1026 r400su_clip_polymode_test_03                        00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_clip_polymode_test_03

 1027 r400su_clip_provoking_vtx_edgeflags_triangle_01     00:00:19 mkelly FAIL
 compare mismatch **
 1028 r400su_clip_provoking_vtx_edgeflags_triangle_02     00:00:18 mkelly FAIL
 compare mismatch **
 1029 r400su_clipline_01                                  00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_clipline_01

 1030 r400su_clippoint_01                                 00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_clippoint_01

 1031 r400su_clipvertexsorting_01                         00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_clipvertexsorting_01

 1032 r400su_clipvertexsorting_02                         00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_clipvertexsorting_02

 1033 r400su_clipvertexsorting_03                         00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_clipvertexsorting_03

 1034 r400su_clipvertexsorting_polymode_01                00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_clipvertexsorting_polymode_01

 1035 r400su_clipvertexsorting_polymode_02                00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_clipvertexsorting_polymode_02

 1036 r400su_clipvertexsortingfunctional_01               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_clipvertexsortingfunctional_01

 1037 r400su_cullingfunctional_01                         00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_cullingfunctional_01

 1038 r400su_degentri_test_01                             00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_degentri_test_01

 1039 r400su_degentri_test_02                             00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_degentri_test_02

 1040 r400su_degentri_test_03                             00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_degentri_test_03

 1041 r400su_degentri_test_04                             00:00:11 mkelly PASS    mkelly
```

\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_degentri_test_04

 1042 r400su_edge_flag_01                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_edge_flag_01

 1043 r400su_edge_flag_02                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_edge_flag_02

 1044 r400su_edgeflags_triangle_01                     00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_edgeflags_triangle_01

 1045 r400su_edgeflags_triangle_02                     00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_edgeflags_triangle_02

 1046 r400su_geom_sort_01                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_geom_sort_01

 1047 r400su_line_clip_end_cap_01                      00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_line_clip_end_cap_01

 1048 r400su_line_clip_end_cap_width_functional_02     00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_line_clip_end_cap_width_function
al_02
 1049 r400su_line_clip_orientation_01                  00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_line_clip_orientation_01

 1050 r400su_line_clip_orientation_02                  00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_line_clip_orientation_02

 1051 r400su_line_clip_x_major_01                      00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_line_clip_x_major_01

 1052 r400su_line_end_cap_functional_01                00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_line_end_cap_functional_01

 1053 r400su_line_end_cap_width_functional_02          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_line_end_cap_width_functional_02

 1054 r400su_line_orientation_01                       00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_line_orientation_01

 1055 r400su_line_orientation_02                       00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_line_orientation_02

 1056 r400su_line_orientation_dx01_01                  00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_line_orientation_dx01_01

 1057 r400su_line_orientation_dx01_02                  00:00:12 mkelly PASS    mkelly

\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_line_orientation_dx01_02

 1058 r400su_line_orientation_dy01_01                    00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_line_orientation_dy01_01

 1059 r400su_line_orientation_dy01_02                    00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_line_orientation_dy01_02

 1060 r400su_line_test_01                                00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_line_test_01

 1061 r400su_line_test_02                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_line_test_02

 1062 r400su_line_x_major_01                             00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_line_x_major_01

 1063 r400su_line_x_major_02                             00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_line_x_major_02

 1064 r400su_line_y_major_01                             00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_line_y_major_01

 1065 r400su_line_y_major_02                             00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_line_y_major_02

 1066 r400su_longstrip_01                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_longstrip_01

 1067 r400su_multi_context_01                            00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_multi_context_01

 1068 r400su_multi_prim_01                               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_multi_prim_01

 1069 r400su_multi_prim_02                               00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_multi_prim_02

 1070 r400su_parallel_orientation_all_01                 00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_parallel_orientation_all_01

 1071 r400su_parallel_orientation_all_02                 00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_parallel_orientation_all_02

 1072 r400su_pc_management_01                            00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_pc_management_01

 1073 r400su_pc_management_02                            00:00:11 mkelly PASS    mkelly

\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_pc_management_02

1074 r400su_pc_management_03 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_pc_management_03

1075 r400su_point_sprite_01 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_point_sprite_01

1076 r400su_point_sprite_02 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_point_sprite_02

1077 r400su_point_sprite_03 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_point_sprite_03

1078 r400su_point_sprite_04 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_point_sprite_04

1079 r400su_point_sprite_05 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_point_sprite_05

1080 r400su_point_sprite_06 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_point_sprite_06

1081 r400su_point_sprite_07 00:00:17 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_point_sprite_07

1082 r400su_point_sprite_08 00:00:17 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_point_sprite_08

1083 r400su_point_sprite_09 00:00:21 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_point_sprite_09

1084 r400su_point_w16_h1_functional_01 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_point_w16_h1_functional_01

1085 r400su_point_w1_h16_functional_01 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_point_w1_h16_functional_01

1086 r400su_pointsizepresent_01 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_pointsizepresent_01

1087 r400su_pointsizepresent_02 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_pointsizepresent_02

1088 r400su_pointsizepresent_03 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_pointsizepresent_03

1089 r400su_polymode_culling_face_01 00:00:12 mkelly PASS mkelly

\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_polymode_culling_face_01

 1090 r400su_polymode_culling_face_02                    00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_polymode_culling_face_02

 1091 r400su_polymode_lines_degen_triangle_01            00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_polymode_lines_degen_triangle_01

 1092 r400su_polymode_lines_degen_triangle_02            00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_polymode_lines_degen_triangle_02

 1093 r400su_polymode_lines_degen_triangle_03            00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_polymode_lines_degen_triangle_03

 1094 r400su_polymode_lines_zero_area_triangle_01        00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_polymode_lines_zero_area_triangl
e_01
 1095 r400su_polymode_lines_zero_area_triangle_02        00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_polymode_lines_zero_area_triangl
e_02
 1096 r400su_polymode_multi_prim_01                      00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_polymode_multi_prim_01

 1097 r400su_polymode_points_degen_triangle_01           00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_polymode_points_degen_triangle_0
1
 1098 r400su_polymode_points_degen_triangle_02           00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_polymode_points_degen_triangle_0
2
 1099 r400su_polymode_points_zero_area_triangle_01       00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_polymode_points_zero_area_triang
le_01
 1100 r400su_polymode_points_zero_area_triangle_02       00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_polymode_points_zero_area_triang
le_02
 1101 r400su_polymode_rectangle_01                       00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_polymode_rectangle_01

 1102 r400su_polymode_zero_area_triangle_01              00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_polymode_zero_area_triangle_01

 1103 r400su_polymode_zero_area_triangle_02              00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_polymode_zero_area_triangle_02

 1104 r400su_polymode_zero_area_triangle_03              00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_polymode_zero_area_triangle_03

 1105 r400su_polymode_zero_area_triangle_04              00:00:18 mkelly PASS    mkelly

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\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_polymode_zero_area_triangle_04

 1106 r400su_polymodeculling_01                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_polymodeculling_01

 1107 r400su_polymodefunctional_01                       00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_polymodefunctional_01

 1108 r400su_provok_vtx_polymode_mix_point_lines_01      00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_provok_vtx_polymode_mix_point_li
nes_01
 1109 r400su_provoking_vtx_edgeflags_triangle_01         00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_provoking_vtx_edgeflags_triangle
_01
 1110 r400su_provoking_vtx_edgeflags_triangle_02         00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_provoking_vtx_edgeflags_triangle
_02
 1111 r400su_provoking_vtx_edgeflags_triangle_03         00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_provoking_vtx_edgeflags_triangle
_03
 1112 r400su_provoking_vtx_edgeflags_triangle_04         00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_provoking_vtx_edgeflags_triangle
_04
 1113 r400su_provoking_vtx_line_01                       00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_provoking_vtx_line_01

 1114 r400su_provoking_vtx_point_01                      00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_provoking_vtx_point_01

 1115 r400su_provoking_vtx_polymode_rectangle_01         00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_provoking_vtx_polymode_rectangle
_01
 1116 r400su_provoking_vtx_rectangle_01                  00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_provoking_vtx_rectangle_01

 1117 r400su_provoking_vtx_triangle_01                   00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_provoking_vtx_triangle_01

 1118 r400su_rand_line_01                                00:00:21 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_rand_line_01

 1119 r400su_rand_point_01                               00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_rand_point_01

 1120 r400su_rand_tri_01                                 00:00:22 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_rand_tri_01

 1121 r400su_rbbm_reg_read                               00:00:05 mkelly FAIL
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 gold or cmp file mis
 1122 r400su_rectangle_01                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_rectangle_01

 1123 r400su_rectangle_list_01                             00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_rectangle_list_01

 1124 r400su_simple_register_indirect                      00:00:09 mkelly FAIL
 gold or cmp file mis
 1125 r400su_sliver_01                                     00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_sliver_01

 1126 r400su_stress_01                                     00:02:45 mkelly FAIL
 compare mismatch **
 1127 r400su_stress_02                                     00:01:50 mkelly FAIL
 compare mismatch **
 1128 r400su_stress_03                                     00:01:52 mkelly FAIL
 compare mismatch **
 1129 r400su_triarea_test_01                               00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_triarea_test_01

 1130 r400su_triarea_test_02                               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_triarea_test_02

 1131 r400su_triarea_test_03                               00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_triarea_test_03

 1132 r400su_triarea_test_04                               00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_triarea_test_04

 1133 r400su_vertexsortingfunctional_01                    00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_vertexsortingfunctional_01

 1134 r400su_w_grad_test_01                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_w_grad_test_01

 1135 r400su_w_grad_test_02                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_w_grad_test_02

 1136 r400su_w_grad_test_03                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_w_grad_test_03

 1137 r400su_z_grad_test_01                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_z_grad_test_01

 1138 r400su_z_grad_test_02                                00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_z_grad_test_02
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 1139 r400su_z_grad_test_03                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_z_grad_test_03

 1140 r400su_zero_area_test_01                           00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_zero_area_test_01

 1141 r400su_zero_area_test_02                           00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_zero_area_test_02

 1142 r400su_zero_area_test_03                           00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_zero_area_test_03

 1143 r400su_zero_area_test_04                           00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400su_zero_area_test_04

 1144 r400vte_coverage_02                                00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vte_coverage_02

 1145 r400vte_mult_msbs_01                               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vte_mult_msbs_01

 1146 r400vte_inf_nan_02                                 00:00:22 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vte_inf_nan_02

 1147 r400vte_many_reciprocals_01                        00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vte_many_reciprocals_01

 1148 r400vte_z_veu_msb_01                               00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vte_z_veu_msb_01

 1149 r400vte_y_veu_msb_01                               00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vte_y_veu_msb_01

 1150 r400vte_x_veu_msb_01                               00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vte_x_veu_msb_01

 1151 r400vte_inf_nan_01                                 00:00:33 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vte_inf_nan_01

 1152 r400vte_clip_perspective_texture_04                00:00:18 mkelly FAIL
 compare mismatch **
 1153 r400vte_clip_perspective_texture_03                00:00:20 mkelly FAIL
 compare mismatch **
 1154 r400vte_clip_perspective_texture_02                00:00:21 mkelly FAIL
 compare mismatch **
 1155 r400vte_clip_perspective_texture_01                00:00:33 mkelly FAIL
 compare mismatch **
 1156 r400vte_combos_01                                  00:01:01 mkelly FAIL
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 compare mismatch **
 1157 r400vte_combos_02                                  00:00:53 mkelly FAIL
 compare mismatch **
 1158 r400vte_combos_03                                  00:00:30 mkelly FAIL
 compare mismatch **
 1159 r400vte_coverage_01                                00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vte_coverage_01

 1160 r400vte_perf_01                                    00:00:14 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vte_perf_01

 1161 r400vte_perf_02                                    00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vte_perf_02

 1162 r400vte_perf_03                                    00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vte_perf_03

 1163 r400vte_pos_neg_combo_01                           00:00:34 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vte_pos_neg_combo_01

 1164 r400vte_pos_neg_combo_02                           00:00:34 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vte_pos_neg_combo_02

 1165 r400vte_pos_neg_combo_03                           00:00:37 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vte_pos_neg_combo_03

 1166 r400vte_simple_point_01                            00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vte_simple_point_01

 1167 r400vte_simple_triangle_01                         00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vte_simple_triangle_01

 1168 r400vte_w0_fmt_01                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vte_w0_fmt_01

 1169 r400vte_w0_fmt_02                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vte_w0_fmt_02

 1170 r400vte_w0_fmt_03                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vte_w0_fmt_03

 1171 r400vte_w0_fmt_04                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vte_w0_fmt_04

 1172 r400vte_w0_fmt_05                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vte_w0_fmt_05

 1173 r400vte_w0_fmt_06                                  00:00:16 mkelly FAIL
```

```
 compare mismatch **
 1174 r400vte_xy_fmt_01                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vte_xy_fmt_01

 1175 r400vte_xy_fmt_02                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vte_xy_fmt_02

 1176 r400vte_xy_fmt_03                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vte_xy_fmt_03

 1177 r400vte_xyz_scale_01                               00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vte_xyz_scale_01

 1178 r400vte_xyz_scale_02                               00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vte_xyz_scale_02

 1179 r400vte_z_fmt_01                                   00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vte_z_fmt_01

 1180 r400vte_z_fmt_02                                   00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vte_z_fmt_02

 1181 r400vte_z_fmt_03                                   00:00:13 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vte_z_fmt_03

 1182 r400vte_z_fmt_04                                   00:00:13 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400vte_z_fmt_04

 1183 r400sanity_vfd_texture_sample_01                   00:00:13 mkelly FAIL
 compare mismatch **
 1184 primlib_1st_tri_june15                             00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/primlib_1st_tri_june15

 1185 primlib_gouraud_tri_1_xyz_vb_1_rgb_vb              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/primlib_gouraud_tri_1_xyz_vb_1_rgb_vb

 1186 primlib_gouraud_triangles_2_draw_passes            00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/primlib_gouraud_triangles_2_draw_passes

 1187 primlib_parameterized_simple_triangle              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/primlib_parameterized_simple_triangle

 1188 primlib_template_simple_triangle                   00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/primlib_template_simple_triangle

 1189 primlib_tex_tri                                    00:00:12 mkelly FAIL
 primlib_tex_tri_001.
 1190 primlib_zbuffer_2tris_03                           00:00:12 mkelly PASS    mkelly
```

```
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/primlib_zbuffer_2tris_03

 1191 cp_dma_2desc                                    00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_dma_2desc

 1192 cp_dma_interrupt                                00:00:09 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_dma_interrupt

 1193 cp_dma_m2m_01                                   00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_dma_m2m_01

 1194 cp_dma_m2m_02                                   00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_dma_m2m_02

 1195 cp_dma_m2m_03                                   00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_dma_m2m_03

 1196 cp_dma_m2m_04                                   00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_dma_m2m_04

 1197 cp_dma_m2r_01                                   00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_dma_m2r_01

 1198 cp_dma_m2r_02                                   00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_dma_m2r_02

 1199 cp_dma_m2r_03                                   00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_dma_m2r_03

 1200 cp_dma_m2r_04                                   00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_dma_m2r_04

 1201 cp_dma_m2r_r2m                                  00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_dma_m2r_r2m

 1202 cp_dma_pio_simple                               00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_dma_pio_simple

 1203 cp_dma_pio_stress                               00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_dma_pio_stress

 1204 cp_dma_piobm_stress                             00:00:10 mkelly FAIL
 compare mismatch No
 1205 cp_dma_r2m_01                                   00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_dma_r2m_01

 1206 cp_dma_r2m_02                                   00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_dma_r2m_02
```

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 1207 cp_dma_r2m_03                                    00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_dma_r2m_03

 1208 cp_dma_r2m_04                                    00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_dma_r2m_04

 1209 cp_dma_r2r_01                                    00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_dma_r2r_01

 1210 cp_dma_r2r_02                                    00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_dma_r2r_02

 1211 cp_dma_r2r_03                                    00:00:09 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_dma_r2r_03

 1212 cp_dma_r2r_r2m                                   00:00:09 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_dma_r2r_r2m

 1213 cp_dma_r2r_r2m_m2m                               00:00:09 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_dma_r2r_r2m_m2m

 1214 cp_dma_r2r_r2m_m2m_r2m                           00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_dma_r2r_r2m_m2m_r2m

 1215 cp_dma_simple                                    00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_dma_simple

 1216 cp_e2_hostdata_blt_pntr_8888                     00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_e2_hostdata_blt_pntr_8888

 1217 cp_e2_one_blit                                   00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_e2_one_blit

 1218 cp_e2_one_hline                                  00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_e2_one_hline

 1219 cp_e2_one_line                                   00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_e2_one_line

 1220 cp_e2_one_vline                                  00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_e2_one_vline

 1221 cp_e2_polyscanlines                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_e2_polyscanlines

 1222 cp_e2blit_brush_m                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_e2blit_brush_m
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 1223 cp_e2blit_brush_mt_ropcc                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_e2blit_brush_mt_ropcc

 1224 cp_e2blit_brush_mt_ropf0                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_e2blit_brush_mt_ropf0

 1225 cp_e2blit_src_8888i                               00:00:27 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_e2blit_src_8888i

 1226 cp_e2blit_src_8888ii                              00:00:21 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_e2blit_src_8888ii

 1227 cp_e2blit_src_8888iii                             00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_e2blit_src_8888iii

 1228 cp_e2blit_src_8888iv                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_e2blit_src_8888iv

 1229 cp_e2blit_src_8888v                               00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_e2blit_src_8888v

 1230 cp_e2blit_srf_cohr                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_e2blit_srf_cohr

 1231 cp_e2brush_8x8clr_565                             00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_e2brush_8x8clr_565

 1232 cp_e2brush_8x8clr_ci8                             00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_e2brush_8x8clr_ci8

 1233 cp_e2brush_8x8mmask_1555                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_e2brush_8x8mmask_1555

 1234 cp_e2brush_8x8mono_ci8                            00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_e2brush_8x8mono_ci8

 1235 cp_e2brush_solid                                  00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_e2brush_solid

 1236 cp_e2cache1                                       00:00:12 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_e2cache1

 1237 cp_e2cache2                                       00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_e2cache2

 1238 cp_e2gradfill_565                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_e2gradfill_565
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 1239 cp_e2gradfill_1555                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_e2gradfill_1555

 1240 cp_e2gradfill_8888                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_e2gradfill_8888

 1241 cp_e2gradfill_horizontal                          00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_e2gradfill_horizontal

 1242 cp_e2gradfill_triangle                            00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_e2gradfill_triangle

 1243 cp_e2gradfill_vertical                            00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_e2gradfill_vertical

 1244 cp_e2hostdata_blt2_565                            00:00:22 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_e2hostdata_blt2_565

 1245 cp_e2hostdata_blt2_1555                           00:00:22 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_e2hostdata_blt2_1555

 1246 cp_e2hostdata_blt2_8888                           00:00:34 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_e2hostdata_blt2_8888

 1247 cp_e2hostdata_blt2_ci8                            00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_e2hostdata_blt2_ci8

 1248 cp_e2hostdata_blt_565                             00:00:27 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_e2hostdata_blt_565

 1249 cp_e2hostdata_blt_1555                            00:00:26 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_e2hostdata_blt_1555

 1250 cp_e2hostdata_blt_8888                            00:00:42 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_e2hostdata_blt_8888

 1251 cp_e2hostdata_blt_ci8                             00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_e2hostdata_blt_ci8

 1252 cp_e2hostdata_blt_drv1                            00:00:25 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_e2hostdata_blt_drv1

 1253 cp_e2hostdata_blt_pntr_565                        00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_e2hostdata_blt_pntr_565

 1254 cp_e2hostdata_blt_pntr_1555                       00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_e2hostdata_blt_pntr_1555
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 1255 cp_e2hostdata_blt_pntr_ci8                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_e2hostdata_blt_pntr_ci8

 1256 cp_e2hostdata_byte_srcload                          00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_e2hostdata_byte_srcload

 1257 cp_e2line_max                                       00:04:14 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_e2line_max

 1258 cp_e2line_patcount_poly                             00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_e2line_patcount_poly

 1259 cp_e2lines                                          00:00:16 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_e2lines

 1260 cp_e2load_palette                                   00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_e2load_palette

 1261 cp_e2nextchar_565                                   00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_e2nextchar_565

 1262 cp_e2nextchar_1555                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_e2nextchar_1555

 1263 cp_e2nextchar_8888                                  00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_e2nextchar_8888

 1264 cp_e2nextchar_ci8                                   00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_e2nextchar_ci8

 1265 cp_e2paint_565                                      00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_e2paint_565

 1266 cp_e2paint_8888                                     00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_e2paint_8888

 1267 cp_e2paint_multi                                    00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_e2paint_multi

 1268 cp_e2perf_2d_04_vector                              00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_e2perf_2d_04_vector

 1269 cp_e2perf_ptrnfil                                   00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_e2perf_ptrnfil

 1270 cp_e2ply_nextscan                                   00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_e2ply_nextscan
```

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 1271 cp_e2polyscanlines_brush                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_e2polyscanlines_brush

 1272 cp_e2polyscanlines_brush_mt                       00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_e2polyscanlines_brush_mt

 1273 cp_e2rop                                          00:00:13 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_e2rop

 1274 cp_e2set_scissors                                 00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_e2set_scissors

 1275 cp_e2smalltext                                    00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_e2smalltext

 1276 cp_e2smalltext_jc1                                00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_e2smalltext_jc1

 1277 cp_e2smalltext_jc2                                00:04:04 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_e2smalltext_jc2

 1278 cp_e2smalltext_max                                00:01:57 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_e2smalltext_max

 1279 cp_e2smalltext_neg                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_e2smalltext_neg

 1280 cp_e2trans_bitblt                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_e2trans_bitblt

 1281 cp_rb_dst_blit_01                                 00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_rb_dst_blit_01

 1282 cp_rb_dst_blit_agp_01                             00:00:11 mkelly FAIL
 compare mismatch
 1283 cp_rb_dst_blit_brush_01                           00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_rb_dst_blit_brush_01

 1284 cp_rb_dst_blit_brush_02                           00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_rb_dst_blit_brush_02

 1285 cp_rb_dst_blit_brush_03                           00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_rb_dst_blit_brush_03

 1286 cp_rb_dst_blit_brush_04                           00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_rb_dst_blit_brush_04
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 1287 cp_rb_dst_blit_brush_05                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_rb_dst_blit_brush_05

 1288 cp_rb_dst_blit_brush_565_01                      00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_rb_dst_blit_brush_565_01

 1289 cp_rb_dst_blit_brush_agp_01                      00:00:11 mkelly FAIL
 compare mismatch
 1290 cp_rb_dst_blit_brush_agp_05                      00:00:10 mkelly FAIL
 compare mismatch
 1291 cp_rb_dst_blit_brush_ci8_01                      00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_rb_dst_blit_brush_ci8_01

 1292 cp_rb_dst_blit_rop_01                            00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_rb_dst_blit_rop_01

 1293 cp_rb_dst_blit_rop_02                            00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_rb_dst_blit_rop_02

 1294 cp_rb_dst_blit_rop_03                            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_rb_dst_blit_rop_03

 1295 cp_rb_dst_blit_rop_04                            00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_rb_dst_blit_rop_04

 1296 cp_rb_dst_blit_rop_05                            00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_rb_dst_blit_rop_05

 1297 cp_rb_dst_blit_rop_06                            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_rb_dst_blit_rop_06

 1298 cp_rb_dst_blit_rop_07                            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_rb_dst_blit_rop_07

 1299 cp_rb_dst_blit_rop_agp_01                        00:00:16 mkelly FAIL
 compare mismatch
 1300 cp_rb_dst_blit_rop_agp_04                        00:00:12 mkelly FAIL
 compare mismatch
 1301 cp_rb_dst_blit_rop_agp_07                        00:00:11 mkelly FAIL
 compare mismatch
 1302 cp_rb_dst_clr_cmp_01                             00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_rb_dst_clr_cmp_01

 1303 cp_rb_dst_clr_cmp_02                             00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_rb_dst_clr_cmp_02

 1304 cp_rb_dst_clr_cmp_03                             00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_rb_dst_clr_cmp_03
```

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 1305 cp_rb_dst_clr_cmp_agp_01                          00:00:10 mkelly FAIL
 compare mismatch
 1306 cp_rb_dst_clr_cmp_msk_01                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_rb_dst_clr_cmp_msk_01

 1307 cp_rb_dst_clr_cmp_rops_01                         00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_rb_dst_clr_cmp_rops_01

 1308 cp_rb_dst_clr_cmp_rops_02                         00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_rb_dst_clr_cmp_rops_02

 1309 cp_rb_dst_clr_cmp_rops_03                         00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_rb_dst_clr_cmp_rops_03

 1310 cp_rb_dst_line_01                                 00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_rb_dst_line_01

 1311 cp_rb_dst_line_brush_01                           00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_rb_dst_line_brush_01

 1312 cp_rb_dst_line_brush_02                           00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_rb_dst_line_brush_02

 1313 cp_rb_dst_line_brush_03                           00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_rb_dst_line_brush_03

 1314 cp_rb_dst_line_brush_agp_01                       00:00:11 mkelly FAIL
 compare mismatch
 1315 cp_rb_dstcache_aflush_2d_01                       00:02:26 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_rb_dstcache_aflush_2d_01

 1316 cp_rb_dstcache_aflush_2d_agp_01                   00:02:28 mkelly FAIL
 compare mismatch
 1317 cp_rb_dstcache_fillflush_2d_01                    00:00:54 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_rb_dstcache_fillflush_2d_01

 1318 cp_rb_dstcache_rmw_2d_01                          00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_rb_dstcache_rmw_2d_01

 1319 cp_rb_dstcache_rmw_2d_agp_01                      00:00:17 mkelly FAIL
 compare mismatch
 1320 cp_im_load_indirect                               00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_im_load_indirect

 1321 cp_queue_avail_01                                 00:00:10 mkelly FAIL
 compare mismatch No
 1322 cp_queue_avail_02                                 00:00:10 mkelly FAIL
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 compare mismatch No
 1323 cp_queue_avail_03                                  00:00:11 mkelly FAIL
 compare mismatch No
 1324 cp_queue_avail_04                                  00:00:10 mkelly FAIL
 compare mismatch No
 1325 cp_queue_avail_05                                  00:00:10 mkelly FAIL
 compare mismatch No
 1326 cp_queue_avail_06                                  00:00:10 mkelly FAIL
 compare mismatch No
 1327 cp_queue_avail_07                                  00:00:10 mkelly FAIL
 compare mismatch No
 1328 cp_push_aper_indirect1                             00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_push_aper_indirect1

 1329 cp_push_aper_primary                               00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_push_aper_primary

 1330 cp_simple_triangle                                 00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/cp_simple_triangle

 1331 e2_bbll                                            00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2_bbll

 1332 e2_bbll_565                                        00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2_bbll_565

 1333 e2_bbll_1555                                       00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2_bbll_1555

 1334 e2_bbll_ci8                                        00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2_bbll_ci8

 1335 e2_blbl                                            00:00:12 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2_blbl

 1336 e2_blbl_565                                        00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2_blbl_565

 1337 e2_blbl_1555                                       00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2_blbl_1555

 1338 e2_blbl_ci8                                        00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2_blbl_ci8

 1339 e2_blit_busy                                       00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2_blit_busy

 1340 e2_blit_lines                                      00:00:11 mkelly PASS    mkelly
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                    \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2_blit_lines

 1341 e2_blit_sync_565                                  00:00:10 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2_blit_sync_565

 1342 e2_dstaddr                                        00:00:13 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2_dstaddr

 1343 e2_lblb                                           00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2_lblb

 1344 e2_lblb_wh                                        00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2_lblb_wh

 1345 e2_line_busy                                      00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2_line_busy

 1346 e2_llbb                                           00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2_llbb

 1347 e2_many_lines                                     00:00:17 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2_many_lines

 1348 e2_many_lines_2x4                                 00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2_many_lines_2x4

 1349 e2_many_lines_2x4_mask                            00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2_many_lines_2x4_mask

 1350 e2_many_lines_4x4                                 00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2_many_lines_4x4

 1351 e2_many_lines_4x4_mask                            00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2_many_lines_4x4_mask

 1352 e2_many_lines_4x8                                 00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2_many_lines_4x8

 1353 e2_many_lines_4x8_mask                            00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2_many_lines_4x8_mask

 1354 e2_many_lines_mask                                00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2_many_lines_mask

 1355 e2_many_lines_pat                                 00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2_many_lines_pat

 1356 e2_many_lines_w9x                                 00:00:17 mkelly PASS    mkelly
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\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2_many_lines_w9x

 1357 e2_offset_pitch                                    00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2_offset_pitch

 1358 e2_offset_pitch_16byte                             00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2_offset_pitch_16byte

 1359 e2_one_blit                                        00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2_one_blit

 1360 e2_one_line                                        00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2_one_line

 1361 e2_partial_add                                     00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2_partial_add

 1362 e2_pm4_blit_64x64                                  00:00:11 mkelly FAIL
 compare mismatch
 1363 e2_pm4_blit_128x128                                00:00:12 mkelly FAIL
 compare mismatch
 1364 e2_pm4_blit_256x256                                00:00:18 mkelly FAIL
 compare mismatch
 1365 e2_simple2d                                        00:00:12 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2_simple2d

 1366 e2_write_256b                                      00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2_write_256b

 1367 e2blit_3noshft_565                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_3noshft_565

 1368 e2blit_3noshft_1555                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_3noshft_1555

 1369 e2blit_3noshft_8888                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_3noshft_8888

 1370 e2blit_3noshft_ci8                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_3noshft_ci8

 1371 e2blit_3shftL_565                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_3shftL_565

 1372 e2blit_3shftL_1555                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_3shftL_1555

 1373 e2blit_3shftL_8888                                 00:00:11 mkelly PASS    mkelly
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\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_3shftL_8888

 1374 e2blit_3shftL_ci8                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_3shftL_ci8

 1375 e2blit_3shftR_565                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_3shftR_565

 1376 e2blit_3shftR_1555                               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_3shftR_1555

 1377 e2blit_3shftR_8888                               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_3shftR_8888

 1378 e2blit_3shftR_ci8                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_3shftR_ci8

 1379 e2blit_640x5_8888                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_640x5_8888

 1380 e2blit_agp2agp                                   00:00:11 mkelly FAIL
 cmp file missing
 1381 e2blit_agp2fb                                    00:00:11 mkelly FAIL
 compare mismatch
 1382 e2blit_agp2fb_big                                00:00:12 mkelly FAIL
 compare mismatch
 1383 e2blit_agp2fb_big2                               00:00:12 mkelly FAIL
 compare mismatch
 1384 e2blit_beyondframe                               00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_beyondframe

 1385 e2blit_clut32_8888                               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_clut32_8888

 1386 e2blit_clut32_8888_lines                         00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_clut32_8888_lines

 1387 e2blit_clut_565                                  00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_clut_565

 1388 e2blit_clut_565_2                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_clut_565_2

 1389 e2blit_clut_565all                               00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_clut_565all

 1390 e2blit_clut_565indx                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_clut_565indx
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 1391 e2blit_clut_8888                                  00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_clut_8888

 1392 e2blit_fb2agp_big                                 00:00:11 mkelly FAIL
 cmp file missing
 1393 e2blit_fb2agp_big_2                               00:00:13 mkelly FAIL
 cmp file missing
 1394 e2blit_host2agp                                   00:00:42 mkelly FAIL
 cmp file missing
 1395 e2blit_host128_565_00                             00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_host128_565_00

 1396 e2blit_host128_565_00_wide                        00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_host128_565_00_wide

 1397 e2blit_host128_565_01                             00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_host128_565_01

 1398 e2blit_host128_565_01_wide                        00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_host128_565_01_wide

 1399 e2blit_host128_565_02                             00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_host128_565_02

 1400 e2blit_host128_565_02_wide                        00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_host128_565_02_wide

 1401 e2blit_host128_565_03                             00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_host128_565_03

 1402 e2blit_host128_565_03_wide                        00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_host128_565_03_wide

 1403 e2blit_host128_565_mono                           00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_host128_565_mono

 1404 e2blit_host128_8888_00                            00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_host128_8888_00

 1405 e2blit_host128_8888_01                            00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_host128_8888_01

 1406 e2blit_host128_8888_02                            00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_host128_8888_02

 1407 e2blit_host128_8888_03                            00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_host128_8888_03
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 1408 e2blit_host128_8888_mono                          00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_host128_8888_mono

 1409 e2blit_host128_ci8_00                             00:00:39 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_host128_ci8_00

 1410 e2blit_host128_ci8_01                             00:00:39 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_host128_ci8_01

 1411 e2blit_host128_ci8_02                             00:00:39 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_host128_ci8_02

 1412 e2blit_host128_ci8_03                             00:00:39 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_host128_ci8_03

 1413 e2blit_host128_ci8_mono                           00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_host128_ci8_mono

 1414 e2blit_host_1to8_00                               00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_host_1to8_00

 1415 e2blit_host_1to8_01                               00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_host_1to8_01

 1416 e2blit_host_1to8_02                               00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_host_1to8_02

 1417 e2blit_host_1to8_04                               00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_host_1to8_04

 1418 e2blit_host_1to8_04_lines                         00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_host_1to8_04_lines

 1419 e2blit_host_1to8_05                               00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_host_1to8_05

 1420 e2blit_host_1to8_06                               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_host_1to8_06

 1421 e2blit_host_1to8_07                               00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_host_1to8_07

 1422 e2blit_host_1to8_08                               00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_host_1to8_08

 1423 e2blit_host_1to8_09                               00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_host_1to8_09
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 1424 e2blit_host_1to8_10                                00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_host_1to8_10

 1425 e2blit_host_1to8_11                                00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_host_1to8_11

 1426 e2blit_host_1to8mask_01                            00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_host_1to8mask_01

 1427 e2blit_host_1to8mask_03                            00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_host_1to8mask_03

 1428 e2blit_host_1to8mask_09                            00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_host_1to8mask_09

 1429 e2blit_host_1to8mask_10                            00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_host_1to8mask_10

 1430 e2blit_host_1to8mask_10_lines                      00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_host_1to8mask_10_lines

 1431 e2blit_host_1to16_00                               00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_host_1to16_00

 1432 e2blit_host_1to16_01                               00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_host_1to16_01

 1433 e2blit_host_1to16_02                               00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_host_1to16_02

 1434 e2blit_host_1to16_03                               00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_host_1to16_03

 1435 e2blit_host_1to16_04                               00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_host_1to16_04

 1436 e2blit_host_1to16_05                               00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_host_1to16_05

 1437 e2blit_host_1to16_06                               00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_host_1to16_06

 1438 e2blit_host_1to16_07                               00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_host_1to16_07

 1439 e2blit_host_100x100_8888                           00:00:42 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_host_100x100_8888
```

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 1440 e2blit_host_pm4_100x100_8888                        00:00:43 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_host_pm4_100x100_8888

 1441 e2blit_hostdest_1555                                00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_hostdest_1555

 1442 e2blit_hostdest_1555_lines                          00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_hostdest_1555_lines

 1443 e2blit_hostdest_8888                                00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_hostdest_8888

 1444 e2blit_hostdest_ci8                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_hostdest_ci8

 1445 e2blit_hostmono                                     00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_hostmono

 1446 e2blit_hostmonow                                    00:00:15 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_hostmonow

 1447 e2blit_noshft_565                                   00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_noshft_565

 1448 e2blit_noshft_1555                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_noshft_1555

 1449 e2blit_noshft_8888                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_noshft_8888

 1450 e2blit_noshft_ci8                                   00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_noshft_ci8

 1451 e2blit_offscreen                                    00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_offscreen

 1452 e2blit_offset_565                                   00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_offset_565

 1453 e2blit_offset_1555                                  00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_offset_1555

 1454 e2blit_offset_8888                                  00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_offset_8888

 1455 e2blit_offset_ci8                                   00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_offset_ci8
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 1456 e2blit_pitch_565                                  00:00:12 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_pitch_565

 1457 e2blit_pitch_1555                                 00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_pitch_1555

 1458 e2blit_pitch_8888                                 00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_pitch_8888

 1459 e2blit_pix_order_565                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_pix_order_565

 1460 e2blit_pix_order_1555                             00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_pix_order_1555

 1461 e2blit_pix_order_8888                             00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_pix_order_8888

 1462 e2blit_pix_order_ci8                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_pix_order_ci8

 1463 e2blit_qdrnt_cc                                   00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_qdrnt_cc

 1464 e2blit_qdrnt_cc_565                               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_qdrnt_cc_565

 1465 e2blit_qdrnt_cc_1555                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_qdrnt_cc_1555

 1466 e2blit_qdrnt_cc_ci8                               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_qdrnt_cc_ci8

 1467 e2blit_raster_order                               00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_raster_order

 1468 e2blit_raster_orderb                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_raster_orderb

 1469 e2blit_shftL_565                                  00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_shftL_565

 1470 e2blit_shftL_1555                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_shftL_1555

 1471 e2blit_shftL_8888                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_shftL_8888
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 1472 e2blit_shftL_ci8                                  00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_shftL_ci8

 1473 e2blit_shftR_565                                  00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_shftR_565

 1474 e2blit_shftR_1555                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_shftR_1555

 1475 e2blit_shftR_8888                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_shftR_8888

 1476 e2blit_shftR_ci8                                  00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_shftR_ci8

 1477 e2blit_src_565                                    00:00:26 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_src_565

 1478 e2blit_src_565a                                   00:00:22 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_src_565a

 1479 e2blit_src_565b                                   00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_src_565b

 1480 e2blit_src_565c                                   00:00:13 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_src_565c

 1481 e2blit_src_8888                                   00:00:20 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_src_8888

 1482 e2blit_src_8888_sdest                             00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_src_8888_sdest

 1483 e2blit_src_8888_smono                             00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_src_8888_smono

 1484 e2blit_src_8888a                                  00:00:14 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_src_8888a

 1485 e2blit_src_8888b                                  00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_src_8888b

 1486 e2blit_src_8888d                                  00:00:12 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_src_8888d

 1487 e2blit_src_ci8                                    00:00:18 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_src_ci8
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 1488 e2blit_src_ci8_smono                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_src_ci8_smono

 1489 e2blit_src_ci8_smonom                               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_src_ci8_smonom

 1490 e2blit_src_ci8a                                     00:00:14 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_src_ci8a

 1491 e2blit_src_ci8b                                     00:00:14 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_src_ci8b

 1492 e2blit_walk_565                                     00:00:12 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_walk_565

 1493 e2blit_walk_1555                                    00:00:12 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_walk_1555

 1494 e2blit_walk_8888                                    00:00:12 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_walk_8888

 1495 e2blit_walk_ci8                                     00:00:12 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_walk_ci8

 1496 e2blit_walk_srcdst                                  00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_walk_srcdst

 1497 e2blit_wh_8888                                      00:00:12 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blit_wh_8888

 1498 e2blits_565                                         00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2blits_565

 1499 e2brush                                             00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2brush

 1500 e2brush_8x8clr                                      00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2brush_8x8clr

 1501 e2brush_8x8clr_565                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2brush_8x8clr_565

 1502 e2brush_8x8clr_1555                                 00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2brush_8x8clr_1555

 1503 e2brush_8x8clr_ci8                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2brush_8x8clr_ci8
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 1504 e2brush_8x8mmask                                  00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2brush_8x8mmask

 1505 e2brush_8x8mmask_565                              00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2brush_8x8mmask_565

 1506 e2brush_8x8mmask_1555                             00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2brush_8x8mmask_1555

 1507 e2brush_8x8mmask_ci8                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2brush_8x8mmask_ci8

 1508 e2brush_8x8mono                                   00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2brush_8x8mono

 1509 e2brush_8x8mono_565                               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2brush_8x8mono_565

 1510 e2brush_8x8mono_1555                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2brush_8x8mono_1555

 1511 e2brush_8x8mono_ci8                               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2brush_8x8mono_ci8

 1512 e2brush_32x1line                                  00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2brush_32x1line

 1513 e2brush_32x1line_565                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2brush_32x1line_565

 1514 e2brush_32x1line_1555                             00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2brush_32x1line_1555

 1515 e2brush_32x1line_ci8                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2brush_32x1line_ci8

 1516 e2brush_32x1linemask                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2brush_32x1linemask

 1517 e2brush_32x1linemask_565                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2brush_32x1linemask_565

 1518 e2brush_32x1linemask_1555                         00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2brush_32x1linemask_1555

 1519 e2brush_32x1linemask_ci8                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2brush_32x1linemask_ci8
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 1520 e2brush_565                                        00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2brush_565

 1521 e2brush_1555                                       00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2brush_1555

 1522 e2brush_address                                    00:00:14 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2brush_address

 1523 e2brush_address_565                                00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2brush_address_565

 1524 e2brush_address_1555                               00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2brush_address_1555

 1525 e2brush_address_ci8                                00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2brush_address_ci8

 1526 e2brush_ci8                                        00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2brush_ci8

 1527 e2brush_solid                                      00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2brush_solid

 1528 e2brush_solid_565                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2brush_solid_565

 1529 e2brush_solid_1555                                 00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2brush_solid_1555

 1530 e2brush_solid_ci8                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2brush_solid_ci8

 1531 e2brush_solidline                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2brush_solidline

 1532 e2brush_solidline_565                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2brush_solidline_565

 1533 e2brush_solidline_1555                             00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2brush_solidline_1555

 1534 e2brush_solidline_ci8                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2brush_solidline_ci8

 1535 e2cache1                                           00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2cache1
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1536 e2cache2                                          00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2cache2

1537 e2cache4                                          00:00:17 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2cache4

1538 e2cache5                                          00:00:14 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2cache5

1539 e2cache6                                          00:00:10 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2cache6

1540 e2cache7                                          00:00:12 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2cache7

1541 e2cache8                                          00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2cache8

1542 e2dst_scssr_565                                   00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2dst_scssr_565

1543 e2dst_scssr_1555                                  00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2dst_scssr_1555

1544 e2dst_scssr_8888                                  00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2dst_scssr_8888

1545 e2dst_scssr_ci8                                   00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2dst_scssr_ci8

1546 e2endian_fb                                       00:00:14 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2endian_fb

1547 e2endian_agp                                      00:00:12 mkelly FAIL
compare mismatch
1548 e2endian_host                                     00:00:16 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2endian_host

1549 e2lilblit                                         00:00:10 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2lilblit

1550 e2lilblit_line                                    00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2lilblit_line

1551 e2line_box                                        00:00:10 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2line_box
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 1552 e2line_bridgeB                                    00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2line_bridgeB

 1553 e2line_bridgeBL                                   00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2line_bridgeBL

 1554 e2line_bridgeBR                                   00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2line_bridgeBR

 1555 e2line_bridgeL                                    00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2line_bridgeL

 1556 e2line_bridgeLRTB                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2line_bridgeLRTB

 1557 e2line_bridgeR                                    00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2line_bridgeR

 1558 e2line_bridgeT                                    00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2line_bridgeT

 1559 e2line_bridgeTL                                   00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2line_bridgeTL

 1560 e2line_bridgeTR                                   00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2line_bridgeTR

 1561 e2line_hori565                                    00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2line_hori565

 1562 e2line_hori1555                                   00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2line_hori1555

 1563 e2line_hori8888                                   00:00:12 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2line_hori8888

 1564 e2line_horici8                                    00:00:12 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2line_horici8

 1565 e2line_horishort565                               00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2line_horishort565

 1566 e2line_horishort1555                              00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2line_horishort1555

 1567 e2line_horishort8888                              00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2line_horishort8888
```

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 1568 e2line_horishortci8                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2line_horishortci8

 1569 e2line_nobridge                                      00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2line_nobridge

 1570 e2line_offscreen                                     00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2line_offscreen

 1571 e2line_patcount                                      00:00:12 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2line_patcount

 1572 e2line_patcount_565                                  00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2line_patcount_565

 1573 e2line_patcount_1555                                 00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2line_patcount_1555

 1574 e2line_patcount_ci8                                  00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2line_patcount_ci8

 1575 e2line_patcount_poly_565                             00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2line_patcount_poly_565

 1576 e2line_patcount_poly_ci8                             00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2line_patcount_poly_ci8

 1577 e2line_ptrn                                          00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2line_ptrn

 1578 e2line_ptrnplaid                                     00:00:12 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2line_ptrnplaid

 1579 e2line_star                                          00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2line_star

 1580 e2line_vert565                                       00:00:12 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2line_vert565

 1581 e2line_vert1555                                      00:00:12 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2line_vert1555

 1582 e2line_vert8888                                      00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2line_vert8888

 1583 e2line_vertci8                                       00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2line_vertci8
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 1584 e2line_vertshort565                                  00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2line_vertshort565

 1585 e2line_vertshort1555                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2line_vertshort1555

 1586 e2line_vertshort8888                                 00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2line_vertshort8888

 1587 e2line_vertshortci8                                  00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2line_vertshortci8

 1588 e2line_zeropixel                                     00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2line_zeropixel

 1589 e2max_values_height                                  00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2max_values_height

 1590 e2max_values_offset                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2max_values_offset

 1591 e2max_values_width                                   00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2max_values_width

 1592 e2max_values_xy                                      00:00:11 mkelly PASS    mkelly
                     \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2max_values_xy

 1593 e2rop_00_0f                                          00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2rop_00_0f

 1594 e2rop_10_1f                                          00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2rop_10_1f

 1595 e2rop_20_2f                                          00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2rop_20_2f

 1596 e2rop_30_3f                                          00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2rop_30_3f

 1597 e2rop_40_4f                                          00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2rop_40_4f

 1598 e2rop_50_5f                                          00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2rop_50_5f

 1599 e2rop_60_6f                                          00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2rop_60_6f
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 1600 e2rop_70_7f                                        00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2rop_70_7f

 1601 e2rop_80_8f                                        00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2rop_80_8f

 1602 e2rop_90_9f                                        00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2rop_90_9f

 1603 e2rop_a0_af                                        00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2rop_a0_af

 1604 e2rop_b0_bf                                        00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2rop_b0_bf

 1605 e2rop_c0_cf                                        00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2rop_c0_cf

 1606 e2rop_d0_df                                        00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2rop_d0_df

 1607 e2rop_e0_ef                                        00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2rop_e0_ef

 1608 e2rop_f0_ff                                        00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2rop_f0_ff

 1609 e2scssr_flipped_blits_8888                         00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2scssr_flipped_blits_8888

 1610 e2scssr_flipped_lines                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2scssr_flipped_lines

 1611 e2scssr_none_565                                   00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2scssr_none_565

 1612 e2scssr_none_1555                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2scssr_none_1555

 1613 e2scssr_none_8888                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2scssr_none_8888

 1614 e2scssr_none_ci8                                   00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2scssr_none_ci8

 1615 e2scssr_within_565                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2scssr_within_565
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 1616 e2scssr_within_1555                                  00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2scssr_within_1555

 1617 e2scssr_within_8888                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2scssr_within_8888

 1618 e2scssr_within_ci8                                   00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2scssr_within_ci8

 1619 e2scssrB_565                                         00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2scssrB_565

 1620 e2scssrB_1555                                        00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2scssrB_1555

 1621 e2scssrB_8888                                        00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2scssrB_8888

 1622 e2scssrB_ci8                                         00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2scssrB_ci8

 1623 e2scssrBL_565                                        00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2scssrBL_565

 1624 e2scssrBL_1555                                       00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2scssrBL_1555

 1625 e2scssrBL_8888                                       00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2scssrBL_8888

 1626 e2scssrBL_ci8                                        00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2scssrBL_ci8

 1627 e2scssrBR_565                                        00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2scssrBR_565

 1628 e2scssrBR_1555                                       00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2scssrBR_1555

 1629 e2scssrBR_8888                                       00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2scssrBR_8888

 1630 e2scssrBR_ci8                                        00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2scssrBR_ci8

 1631 e2scssrL_565                                         00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2scssrL_565
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1632 e2scssrL_1555                                    00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2scssrL_1555

1633 e2scssrL_8888                                    00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2scssrL_8888

1634 e2scssrL_ci8                                     00:00:10 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2scssrL_ci8

1635 e2scssrLRTB_565                                  00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2scssrLRTB_565

1636 e2scssrLRTB_1555                                 00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2scssrLRTB_1555

1637 e2scssrLRTB_8888                                 00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2scssrLRTB_8888

1638 e2scssrLRTB_ci8                                  00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2scssrLRTB_ci8

1639 e2scssrR_565                                     00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2scssrR_565

1640 e2scssrR_1555                                    00:00:10 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2scssrR_1555

1641 e2scssrR_8888                                    00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2scssrR_8888

1642 e2scssrR_ci8                                     00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2scssrR_ci8

1643 e2scssrT_565                                     00:00:10 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2scssrT_565

1644 e2scssrT_1555                                    00:00:10 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2scssrT_1555

1645 e2scssrT_8888                                    00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2scssrT_8888

1646 e2scssrT_ci8                                     00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2scssrT_ci8

1647 e2scssrTL_565                                    00:00:10 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2scssrTL_565
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 1648 e2scssrTL_1555                                    00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2scssrTL_1555

 1649 e2scssrTL_8888                                    00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2scssrTL_8888

 1650 e2scssrTL_ci8                                     00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2scssrTL_ci8

 1651 e2scssrTR_565                                     00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2scssrTR_565

 1652 e2scssrTR_1555                                    00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2scssrTR_1555

 1653 e2scssrTR_8888                                    00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2scssrTR_8888

 1654 e2scssrTR_ci8                                     00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2scssrTR_ci8

 1655 e2src_scssrB                                      00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2src_scssrB

 1656 e2src_scssrB_565                                  00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2src_scssrB_565

 1657 e2src_scssrB_1555                                 00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2src_scssrB_1555

 1658 e2src_scssrB_ci8                                  00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2src_scssrB_ci8

 1659 e2src_scssrBR                                     00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2src_scssrBR

 1660 e2src_scssrBR_565                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2src_scssrBR_565

 1661 e2src_scssrBR_1555                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2src_scssrBR_1555

 1662 e2src_scssrBR_ci8                                 00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2src_scssrBR_ci8

 1663 e2src_scssrR                                      00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2src_scssrR
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 1664 e2src_scssrR_565                                    00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2src_scssrR_565

 1665 e2src_scssrR_1555                                   00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2src_scssrR_1555

 1666 e2src_scssrR_ci8                                    00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2src_scssrR_ci8

 1667 e2srcsc_565                                         00:00:12 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2srcsc_565

 1668 e2srcsc_8888                                        00:00:12 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2srcsc_8888

 1669 e2srcsc_ci8                                         00:00:12 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030203112826/e2srcsc_ci8

 1670 r400cp_2drotdst_hbl                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cp_2drotdst_hbl

 1671 r400cp_2drotdst_hbr                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cp_2drotdst_hbr

 1672 r400cp_2drotdst_htl                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cp_2drotdst_htl

 1673 r400cp_2drotdst_htr                                 00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cp_2drotdst_htr

 1674 r400cp_2drotdst_vbl                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cp_2drotdst_vbl

 1675 r400cp_2drotdst_vbr                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cp_2drotdst_vbr

 1676 r400cp_2drotdst_vtl                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cp_2drotdst_vtl

 1677 r400cp_2drotdst_vtr                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cp_2drotdst_vtr

 1678 r400cp_2drotdst_host                                00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cp_2drotdst_host

 1679 r400cp_2drotsrc_eqofst                              00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cp_2drotsrc_eqofst
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 1680 r400cp_2drotsrc_neqofst                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cp_2drotsrc_neqofst

 1681 r400cp_2drotdst_1555                             00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cp_2drotdst_1555

 1682 r400cp_2drotdst_565                              00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cp_2drotdst_565

 1683 r400cp_2dalphablend_sb                           00:00:26 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cp_2dalphablend_sb

 1684 r400cp_2dalphablend_sb_1555                      00:00:25 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cp_2dalphablend_sb_1555

 1685 r400cp_2dalphablend_sb_565                       00:00:25 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cp_2dalphablend_sb_565

 1686 r400cp_2dalphablend_abc                          00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cp_2dalphablend_abc

 1687 r400cp_2dalphablend_abs                          00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cp_2dalphablend_abs

 1688 r400cp_2dalphablend_abb                          00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cp_2dalphablend_abb

 1689 r400cp_2dalphablend_8888                         00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cp_2dalphablend_8888

 1690 r400cp_2dalphablend_1555                         00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cp_2dalphablend_1555

 1691 r400cp_2dalphablend_565                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cp_2dalphablend_565

 1692 r400cp_2daafont_bgnd                             00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cp_2daafont_bgnd

 1693 r400cp_2daafont_dst                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cp_2daafont_dst

 1694 r400cp_2daafont_1555                             00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cp_2daafont_1555

 1695 r400cp_2daafont_565                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cp_2daafont_565
```

```
 1696 r400cp_2d3dswitch_a                                  00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030203112826/r400cp_2d3dswitch_a

 1697 r400cp_registers                                     00:00:08 mkelly FAIL
 gold or cmp file mis
+-------------------------------------------------------------------------------------
-------------------------------------+
                                                           08:47:34
```

+ Regression Summary:  R400 EMU SYNC mkelly
+ Date: Tue Feb  4 03:13:19 2003

| UNIT | Total Tests | Tests Run | Tests Pass | %Pass |
|---|---|---|---|---|
| SC | 405 | 403 | 391 | 97.02 |
| VGT | 235 | 235 | 196 | 83.40 |
| CL | 362 | 357 | 306 | 85.71 |
| SU | 148 | 148 | 138 | 93.24 |
| VTE | 39 | 39 | 31 | 79.49 |
| CP | 512 | 507 | 477 | 94.08 |
| RBBM | 0 | 0 | 0 | 0.00 |
| BUGS | 0 | 0 | 0 | 0.00 |
| SANITY | 1 | 1 | 0 | 0.00 |
| STRESS | 0 | 0 | 0 | 0.00 |
| PERF | 7 | 7 | 6 | 85.71 |
| TOTAL | 1709 | 1697 | 1545 | 91.04 |

```
+-------------------------------------------------------------------------------------
-----------------------------------+
+ R400 EMU TEST REGRESS HISTORY Wed Feb  5 08:53:05 2003
+-------------------------------------------------------------------------------------
-----------------------------------+
+ No  Test Name                                          Emu Time Sync  Status
LastPass FailReason          MostRecentPath +
+-------------------------------------------------------------------------------------
-----------------------------------+
    1 r400sc_rts_01                                     00:00:27 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_rts_01

    2 r400sc_rts_02                                     00:00:23 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_rts_02

    3 r400sc_rts_09                                     00:00:25 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_rts_09

    4 r400sc_rts_10                                     00:00:25 mkelly FAIL
 compare mismatch **
    5 r400sc_rts_11                                     00:00:43 mkelly FAIL
 compare mismatch **
    6 r400sc_rts_12                                     00:00:50 mkelly FAIL
 compare mismatch **
    7 r400sc_rts_16                                     00:00:23 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_rts_16

    8 r400sc_rts_18                                     00:04:17 mkelly FAIL
 compare mismatch **
    9 r400sc_rts_19                                     00:01:28 mkelly FAIL
 compare mismatch **
   10 r400sc_rts_20                                     00:01:06 mkelly FAIL
 compare mismatch **
   11 r400sc_rts_21                                     00:00:27 mkelly FAIL
 compare mismatch **
   12 r400sc_rts_32                                     00:00:24 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_rts_32

   13 r400sc_rts_33                                     00:00:24 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_rts_33

   14 r400sc_rts_fc_09                                  00:00:13 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_rts_fc_09

   15 r400sc_pinwheel_03                                00:01:33 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_pinwheel_03
```

```
   16 r400sc_pkr_row_wrap_disable_rts_01                00:00:29 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_pkr_row_wrap_disable_rts_01

   17 r400sc_vtx_and_pix_pipe_disable_combos_05         00:01:37 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_vtx_and_pix_pipe_disable_combos_
05
   18 r400sc_vtx_pipe_disable_0101_01                   00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_vtx_pipe_disable_0101_01

   19 r400sc_vtx_pipe_disable_0100_01                   00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_vtx_pipe_disable_0100_01

   20 r400sc_vtx_and_pix_pipe_disable_rnd_combos_01     00:00:47 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_vtx_and_pix_pipe_disable_rnd_com
bos_01
   21 r400sc_vtx_and_pix_pipe_disable_rnd_combos_02     00:00:24 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_vtx_and_pix_pipe_disable_rnd_com
bos_02
   22 r400sc_vtx_pipe_disable_combos_01                 00:00:46 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_vtx_pipe_disable_combos_01

   23 r400sc_vtx_and_pix_pipe_disable_combos_01         00:00:47 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_vtx_and_pix_pipe_disable_combos_
01
   24 r400sc_pix_pipe_disable_combos_01                 00:00:45 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_pix_pipe_disable_combos_01

   25 r400sc_vtx_pipe_disable_combos_02                 00:00:22 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_vtx_pipe_disable_combos_02

   26 r400sc_vtx_and_pix_pipe_disable_combos_02         00:00:26 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_vtx_and_pix_pipe_disable_combos_
02
   27 r400sc_pix_pipe_disable_combos_02                 00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_pix_pipe_disable_combos_02

   28 r400sc_vtx_pipe_disable_combos_03                 00:00:28 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_vtx_pipe_disable_combos_03

   29 r400sc_vtx_and_pix_pipe_disable_combos_03         00:00:33 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_vtx_and_pix_pipe_disable_combos_
03
   30 r400sc_vtx_and_pix_pipe_disable_combos_04         00:08:38 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_vtx_and_pix_pipe_disable_combos_
04
   31 r400sc_pix_pipe_disable_combos_03                 00:00:33 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_pix_pipe_disable_combos_03
```

```
   32 r400sc_centers_and_centroids_state_switching_01    00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_centers_and_centroids_state_swit
ching_01
   33 r400sc_msaa_8_simple_triangle_01                   00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_msaa_8_simple_triangle_01

   34 r400sc_viz_query_02                                00:00:21 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_viz_query_02

   35 r400sc_pipe_disable_v0_p0_01                       00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_pipe_disable_v0_p0_01

   36 r400sc_pipe_disable_v01_p01_01                     00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_pipe_disable_v01_p01_01

   37 r400sc_pipe_disable_v2_p2_01                       00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_pipe_disable_v2_p2_01

   38 r400sc_pipe_disable_v02_p02_01                     00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_pipe_disable_v02_p02_01

   39 r400sc_pipe_disable_v12_p12_01                     00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_pipe_disable_v12_p12_01

   40 r400sc_pipe_disable_v012_p012_01                   00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_pipe_disable_v012_p012_01

   41 r400sc_pipe_disable_v3_p3_01                       00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_pipe_disable_v3_p3_01

   42 r400sc_pipe_disable_v03_p03_01                     00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_pipe_disable_v03_p03_01

   43 r400sc_pipe_disable_v13_p13_01                     00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_pipe_disable_v13_p13_01

   44 r400sc_pipe_disable_v013_p013_01                   00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_pipe_disable_v013_p013_01

   45 r400sc_pipe_disable_v23_p23_01                     00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_pipe_disable_v23_p23_01

   46 r400sc_pipe_disable_v023_p023_01                   00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_pipe_disable_v023_p023_01

   47 r400sc_pipe_disable_v123_p123_01                   00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_pipe_disable_v123_p123_01
```

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   48 r400sc_simple_register_indirect                    00:00:08 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_simple_register_indirect

   49 r400sc_simple_triangle_01                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_simple_triangle_01

   50 r400sc_fifo_sizing_01                              00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_fifo_sizing_01

   51 r400sc_clip_vtx_reorder_01                         00:00:33 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_clip_vtx_reorder_01

   52 r400sc_pipes_2_3_disabled_01                       00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_pipes_2_3_disabled_01

   53 r400sc_pkr_row_wrap_disable_01                     00:00:25 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_pkr_row_wrap_disable_01

   54 r400sc_pkr_row_wrap_disable_02                     00:01:09 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_pkr_row_wrap_disable_02

   55 r400sc_pkr_row_wrap_disable_03                     00:01:25 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_pkr_row_wrap_disable_03

   56 r400sc_pkr_row_wrap_disable_04                     00:01:25 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_pkr_row_wrap_disable_04

   57 r400sc_pkr_row_wrap_disable_05                     00:01:54 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_pkr_row_wrap_disable_05

   58 r400sc_quad_order_enable_01                        00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_quad_order_enable_01

   59 r400sc_one_quad_per_clock_enable_01                00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_one_quad_per_clock_enable_01

   60 r400sc_pix_pipes_2_3_disabled_01                   00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_pix_pipes_2_3_disabled_01

   61 r400sc_persp_corr_disable_01                       00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_persp_corr_disable_01

   62 r400sc_max_line_width_01                           00:00:47 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_max_line_width_01

   63 r400sc_max_line_width_02                           00:00:47 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_max_line_width_02
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   64 r400sc_hw_coords_01                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_hw_coords_01

   65 r400sc_hw_coords_02                                00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_hw_coords_02

   66 r400sc_hw_coords_03                                00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_hw_coords_03

   67 r400sc_hw_coords_04                                00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_hw_coords_04

   68 r400sc_hw_coords_05                                00:00:30 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_hw_coords_05

   69 r400sc_baryc_01                                    00:00:23 mkelly PASS    mkelly
                     \\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_baryc_01

   70 r400sc_baryc_02                                    00:00:12 mkelly PASS    mkelly
                     \\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_baryc_02

   71 r400sc_bres_cntl_01                                00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_bres_cntl_01

   72 r400sc_bres_cntl_02                                00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_bres_cntl_02

   73 r400sc_bres_cntl_03                                00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_bres_cntl_03

   74 r400sc_bres_cntl_04                                00:00:22 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_bres_cntl_04

   75 r400sc_bres_cntl_w2k_01                            00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_bres_cntl_w2k_01

   76 r400sc_bres_cntl_w9x_01                            00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_bres_cntl_w9x_01

   77 r400sc_clip_rect_01                                00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_clip_rect_01

   78 r400sc_clip_rect_02                                00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_clip_rect_02

   79 r400sc_clip_rect_03                                00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_clip_rect_03
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   80 r400sc_clip_rect_04                                00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_clip_rect_04

   81 r400sc_clip_rect_fc_01                             00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_clip_rect_fc_01

   82 r400sc_clipped_triangle_polymode_line_stippled_01  00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_clipped_triangle_polymode_line_s
tippled_01
   83 r400sc_diamond_exit_01                             00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_diamond_exit_01

   84 r400sc_diamond_exit_02                             00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_diamond_exit_02

   85 r400sc_diamond_exit_03                             00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_diamond_exit_03

   86 r400sc_diamond_exit_04                             00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_diamond_exit_04

   87 r400sc_diamond_exit_05                             00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_diamond_exit_05

   88 r400sc_jss_1x1_primtypes_01                        00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_jss_1x1_primtypes_01

   89 r400sc_jss_1x2_01                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_jss_1x2_01

   90 r400sc_jss_1x2_02                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_jss_1x2_02

   91 r400sc_jss_1x2_primtypes_01                        00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_jss_1x2_primtypes_01

   92 r400sc_jss_1x3_01                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_jss_1x3_01

   93 r400sc_jss_1x3_02                                  00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_jss_1x3_02

   94 r400sc_jss_1x3_primtypes_01                        00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_jss_1x3_primtypes_01

   95 r400sc_jss_1x4_01                                  00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_jss_1x4_01
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   96 r400sc_jss_1x4_02                                 00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_jss_1x4_02

   97 r400sc_jss_1x4_primtypes_01                       00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_jss_1x4_primtypes_01

   98 r400sc_jss_2x1_01                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_jss_2x1_01

   99 r400sc_jss_2x1_02                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_jss_2x1_02

  100 r400sc_jss_2x1_primtypes_01                       00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_jss_2x1_primtypes_01

  101 r400sc_jss_2x2_01                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_jss_2x2_01

  102 r400sc_jss_2x2_02                                 00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_jss_2x2_02

  103 r400sc_jss_2x2_primtypes_01                       00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_jss_2x2_primtypes_01

  104 r400sc_jss_2x3_01                                 00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_jss_2x3_01

  105 r400sc_jss_2x3_02                                 00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_jss_2x3_02

  106 r400sc_jss_2x3_primtypes_01                       00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_jss_2x3_primtypes_01

  107 r400sc_jss_2x4_01                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_jss_2x4_01

  108 r400sc_jss_2x4_02                                 00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_jss_2x4_02

  109 r400sc_jss_2x4_primtypes_01                       00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_jss_2x4_primtypes_01

  110 r400sc_jss_3x1_01                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_jss_3x1_01

  111 r400sc_jss_3x1_02                                 00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_jss_3x1_02
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  112 r400sc_jss_3x1_primtypes_01                          00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_jss_3x1_primtypes_01

  113 r400sc_jss_3x2_01                                    00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_jss_3x2_01

  114 r400sc_jss_3x2_02                                    00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_jss_3x2_02

  115 r400sc_jss_3x2_primtypes_01                          00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_jss_3x2_primtypes_01

  116 r400sc_jss_3x3_01                                    00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_jss_3x3_01

  117 r400sc_jss_3x3_02                                    00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_jss_3x3_02

  118 r400sc_jss_3x3_primtypes_01                          00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_jss_3x3_primtypes_01

  119 r400sc_jss_3x4_01                                    00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_jss_3x4_01

  120 r400sc_jss_3x4_02                                    00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_jss_3x4_02

  121 r400sc_jss_3x4_03                                    00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_jss_3x4_03

  122 r400sc_jss_3x4_primtypes_01                          00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_jss_3x4_primtypes_01

  123 r400sc_jss_4x1_01                                    00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_jss_4x1_01

  124 r400sc_jss_4x1_02                                    00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_jss_4x1_02

  125 r400sc_jss_4x1_primtypes_01                          00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_jss_4x1_primtypes_01

  126 r400sc_jss_4x2_01                                    00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_jss_4x2_01

  127 r400sc_jss_4x2_02                                    00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_jss_4x2_02
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  128 r400sc_jss_4x2_primtypes_01                          00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_jss_4x2_primtypes_01

  129 r400sc_jss_4x3_01                                    00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_jss_4x3_01

  130 r400sc_jss_4x3_02                                    00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_jss_4x3_02

  131 r400sc_jss_4x3_primtypes_01                          00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_jss_4x3_primtypes_01

  132 r400sc_jss_4x4_01                                    00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_jss_4x4_01

  133 r400sc_jss_4x4_02                                    00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_jss_4x4_02

  134 r400sc_jss_4x4_03                                    00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_jss_4x4_03

  135 r400sc_jss_4x4_aa_mask_01                            00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_jss_4x4_aa_mask_01

  136 r400sc_jss_4x4_aa_mask_02                            00:01:09 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_jss_4x4_aa_mask_02

  137 r400sc_jss_4x4_fc_01                                 00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_jss_4x4_fc_01

  138 r400sc_jss_4x4_fc_02                                 00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_jss_4x4_fc_02

  139 r400sc_jss_4x4_max_dist_01                           00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_jss_4x4_max_dist_01

  140 r400sc_jss_4x4_primtypes_01                          00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_jss_4x4_primtypes_01

  141 r400sc_line_dx10_eq_0_01                             00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_line_dx10_eq_0_01

  142 r400sc_line_dx10_ge_0_01                             00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_line_dx10_ge_0_01

  143 r400sc_line_dx10_lt_0_01                             00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_line_dx10_lt_0_01
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  144 r400sc_line_dy10_eq_0_01                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_line_dy10_eq_0_01

  145 r400sc_line_dy10_ge_0_01                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_line_dy10_ge_0_01

  146 r400sc_line_dy10_lt_0_01                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_line_dy10_lt_0_01

  147 r400sc_line_expand_width_msaa_8_01                00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_line_expand_width_msaa_8_01

  148 r400sc_line_expand_width_msaa_8_02                00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_line_expand_width_msaa_8_02

  149 r400sc_line_expand_width_msaa_8_03                00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_line_expand_width_msaa_8_03

  150 r400sc_line_jss_3x4_01                            00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_line_jss_3x4_01

  151 r400sc_line_list_01                               00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_line_list_01

  152 r400sc_line_list_02                               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_line_list_02

  153 r400sc_line_list_03                               00:00:55 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_line_list_03

  154 r400sc_line_list_04                               00:01:00 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_line_list_04

  155 r400sc_line_list_05                               00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_line_list_05

  156 r400sc_line_list_06                               00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_line_list_06

  157 r400sc_line_list_07                               00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_line_list_07

  158 r400sc_line_list_08                               00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_line_list_08

  159 r400sc_line_list_09                               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_line_list_09
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  160 r400sc_line_list_10                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_line_list_10

  161 r400sc_line_list_11                                 00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_line_list_11

  162 r400sc_line_list_12                                 00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_line_list_12

  163 r400sc_line_list_13                                 00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_line_list_13

  164 r400sc_line_list_14                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_line_list_14

  165 r400sc_line_list_15                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_line_list_15

  166 r400sc_line_list_16                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_line_list_16

  167 r400sc_line_list_17                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_line_list_17

  168 r400sc_line_list_18                                 00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_line_list_18

  169 r400sc_line_list_concentric_circle_01               00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_line_list_concentric_circle_01

  170 r400sc_line_list_concentric_circle_02               00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_line_list_concentric_circle_02

  171 r400sc_line_list_concentric_circle_03               00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_line_list_concentric_circle_03

  172 r400sc_line_list_textured_01                        00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_line_list_textured_01

  173 r400sc_line_list_verify_st_01                       00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_line_list_verify_st_01

  174 r400sc_line_msaa_8_01                               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_line_msaa_8_01

  175 r400sc_line_msaa_8_textured_01                      00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_line_msaa_8_textured_01
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  176 r400sc_line_msaa_8_textured_fc_01                 00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_line_msaa_8_textured_fc_01

  177 r400sc_line_stipple_01                            00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_line_stipple_01

  178 r400sc_line_stipple_02                            00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_line_stipple_02

  179 r400sc_line_stipple_03                            00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_line_stipple_03

  180 r400sc_line_stipple_04                            00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_line_stipple_04

  181 r400sc_line_stipple_05                            00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_line_stipple_05

  182 r400sc_line_stipple_06                            00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_line_stipple_06

  183 r400sc_line_stipple_07                            00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_line_stipple_07

  184 r400sc_line_stipple_08                            00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_line_stipple_08

  185 r400sc_line_stipple_09                            00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_line_stipple_09

  186 r400sc_line_stipple_10                            00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_line_stipple_10

  187 r400sc_line_stipple_11                            00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_line_stipple_11

  188 r400sc_line_stipple_12                            00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_line_stipple_12

  189 r400sc_line_stipple_13                            00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_line_stipple_13

  190 r400sc_line_stipple_14                            00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_line_stipple_14

  191 r400sc_line_stipple_15                            00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_line_stipple_15
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  192 r400sc_line_stipple_16                              00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_line_stipple_16

  193 r400sc_line_stipple_17                              00:00:22 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_line_stipple_17

  194 r400sc_line_stipple_18                              00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_line_stipple_18

  195 r400sc_line_stipple_19                              00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_line_stipple_19

  196 r400sc_line_stipple_20                              00:00:21 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_line_stipple_20

  197 r400sc_line_stipple_21                              00:00:22 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_line_stipple_21

  198 r400sc_line_stipple_22                              00:00:22 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_line_stipple_22

  199 r400sc_line_stipple_23                              00:00:22 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_line_stipple_23

  200 r400sc_line_stipple_fc_08                           00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_line_stipple_fc_08

  201 r400sc_line_strip_stipple_01                        00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_line_strip_stipple_01

  202 r400sc_msaa_1_01                                    00:00:15 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_msaa_1_01

  203 r400sc_msaa_1_primtypes_01                          00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_msaa_1_primtypes_01

  204 r400sc_msaa_1_rectangle_list_01                     00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_msaa_1_rectangle_list_01

  205 r400sc_msaa_1_rectangle_list_02                     00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_msaa_1_rectangle_list_02

  206 r400sc_msaa_1_rectangle_list_03                     00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_msaa_1_rectangle_list_03

  207 r400sc_msaa_1_rectangle_list_04                     00:00:10 mkelly FAIL
 gold or cmp file mis
  208 r400sc_msaa_1_rectangle_list_05                     00:00:10 mkelly FAIL
```

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gold or cmp file mis
 209 r400sc_msaa_1_rectangle_list_06                    00:00:10 mkelly FAIL
gold or cmp file mis
 210 r400sc_msaa_1_rectangle_list_07                    00:00:10 mkelly FAIL
gold or cmp file mis
 211 r400sc_msaa_1_rectangle_list_08                    00:00:10 mkelly FAIL
gold or cmp file mis
 212 r400sc_msaa_1_zbuffer_rectangle_list_01            00:00:10 mkelly FAIL
gold or cmp file mis
 213 r400sc_msaa_1_zbuffer_rectangle_list_02            00:00:11 mkelly FAIL
gold or cmp file mis
 214 r400sc_msaa_2_primtypes_01                         00:00:13 mkelly FAIL
gold or cmp file mis
 215 r400sc_msaa_2_rectangle_list_01                    00:00:10 mkelly FAIL
gold or cmp file mis
 216 r400sc_msaa_2_rectangle_list_02                    00:00:10 mkelly FAIL
gold or cmp file mis
 217 r400sc_msaa_2_rectangle_list_03                    00:00:10 mkelly FAIL
gold or cmp file mis
 218 r400sc_msaa_2_rectangle_list_04                    00:00:10 mkelly FAIL
gold or cmp file mis
 219 r400sc_msaa_2_rectangle_list_05                    00:00:10 mkelly FAIL
gold or cmp file mis
 220 r400sc_msaa_2_rectangle_list_06                    00:00:10 mkelly FAIL
gold or cmp file mis
 221 r400sc_msaa_2_rectangle_list_07                    00:00:10 mkelly FAIL
gold or cmp file mis
 222 r400sc_msaa_2_rectangle_list_08                    00:00:10 mkelly FAIL
gold or cmp file mis
 223 r400sc_msaa_2_zbuffer_rectangle_list_01            00:00:10 mkelly FAIL
gold or cmp file mis
 224 r400sc_msaa_2_zbuffer_rectangle_list_02            00:00:10 mkelly FAIL
gold or cmp file mis
 225 r400sc_msaa_3_primtypes_01                         00:00:14 mkelly FAIL
gold or cmp file mis
 226 r400sc_msaa_3_rectangle_list_01                    00:00:10 mkelly FAIL
gold or cmp file mis
 227 r400sc_msaa_3_rectangle_list_02                    00:00:10 mkelly FAIL
gold or cmp file mis
 228 r400sc_msaa_3_rectangle_list_03                    00:00:10 mkelly FAIL
gold or cmp file mis
 229 r400sc_msaa_3_rectangle_list_04                    00:00:10 mkelly FAIL
gold or cmp file mis
 230 r400sc_msaa_3_rectangle_list_05                    00:00:10 mkelly FAIL
gold or cmp file mis
 231 r400sc_msaa_3_rectangle_list_06                    00:00:10 mkelly FAIL
gold or cmp file mis
 232 r400sc_msaa_3_rectangle_list_07                    00:00:10 mkelly FAIL
```

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gold or cmp file mis
 233 r400sc_msaa_3_rectangle_list_08                    00:00:10 mkelly FAIL
gold or cmp file mis
 234 r400sc_msaa_3_zbuffer_rectangle_list_01            00:00:10 mkelly FAIL
gold or cmp file mis
 235 r400sc_msaa_3_zbuffer_rectangle_list_02            00:00:10 mkelly FAIL
gold or cmp file mis
 236 r400sc_msaa_4_01                                   00:00:15 mkelly FAIL
gold or cmp file mis
 237 r400sc_msaa_4_primtypes_01                         00:00:13 mkelly FAIL
gold or cmp file mis
 238 r400sc_msaa_4_rectangle_list_01                    00:00:10 mkelly FAIL
gold or cmp file mis
 239 r400sc_msaa_4_rectangle_list_02                    00:00:10 mkelly FAIL
gold or cmp file mis
 240 r400sc_msaa_4_rectangle_list_03                    00:00:10 mkelly FAIL
gold or cmp file mis
 241 r400sc_msaa_4_rectangle_list_04                    00:00:10 mkelly FAIL
gold or cmp file mis
 242 r400sc_msaa_4_rectangle_list_05                    00:00:10 mkelly FAIL
gold or cmp file mis
 243 r400sc_msaa_4_rectangle_list_06                    00:00:11 mkelly FAIL
gold or cmp file mis
 244 r400sc_msaa_4_rectangle_list_07                    00:00:10 mkelly FAIL
gold or cmp file mis
 245 r400sc_msaa_4_rectangle_list_08                    00:00:10 mkelly FAIL
gold or cmp file mis
 246 r400sc_msaa_4_zbuffer_rectangle_list_01            00:00:10 mkelly FAIL
gold or cmp file mis
 247 r400sc_msaa_4_zbuffer_rectangle_list_02            00:00:10 mkelly FAIL
gold or cmp file mis
 248 r400sc_msaa_6_01                                   00:00:14 mkelly FAIL
gold or cmp file mis
 249 r400sc_msaa_6_primtypes_01                         00:00:14 mkelly FAIL
gold or cmp file mis
 250 r400sc_msaa_6_rectangle_list_01                    00:00:10 mkelly FAIL
gold or cmp file mis
 251 r400sc_msaa_6_rectangle_list_02                    00:00:10 mkelly FAIL
gold or cmp file mis
 252 r400sc_msaa_6_rectangle_list_03                    00:00:10 mkelly FAIL
gold or cmp file mis
 253 r400sc_msaa_6_rectangle_list_04                    00:00:10 mkelly FAIL
gold or cmp file mis
 254 r400sc_msaa_6_rectangle_list_05                    00:00:10 mkelly FAIL
gold or cmp file mis
 255 r400sc_msaa_6_rectangle_list_06                    00:00:10 mkelly FAIL
gold or cmp file mis
 256 r400sc_msaa_6_rectangle_list_07                    00:00:10 mkelly FAIL
```

```
 gold or cmp file mis
  257 r400sc_msaa_6_rectangle_list_08                    00:00:10 mkelly FAIL
 gold or cmp file mis
  258 r400sc_msaa_6_zbuffer_rectangle_list_01            00:00:10 mkelly FAIL
 gold or cmp file mis
  259 r400sc_msaa_6_zbuffer_rectangle_list_02            00:00:10 mkelly FAIL
 gold or cmp file mis
  260 r400sc_msaa_8_01                                   00:00:15 mkelly FAIL
 gold or cmp file mis
  261 r400sc_msaa_8_02                                   00:00:11 mkelly FAIL
 gold or cmp file mis
  262 r400sc_msaa_8_03                                   00:00:11 mkelly FAIL
 gold or cmp file mis
  263 r400sc_msaa_8_04                                   00:00:11 mkelly FAIL
 gold or cmp file mis
  264 r400sc_msaa_8_05                                   00:00:10 mkelly FAIL
 gold or cmp file mis
  265 r400sc_msaa_8_aa_mask_01                           00:00:14 mkelly FAIL
 gold or cmp file mis
  266 r400sc_msaa_8_aa_mask_02                           00:00:27 mkelly FAIL
 gold or cmp file mis
  267 r400sc_msaa_8_aa_mask_fc_02                        00:00:12 mkelly FAIL
 gold or cmp file mis
  268 r400sc_msaa_8_primtypes_01                         00:00:14 mkelly FAIL
 gold or cmp file mis
  269 r400sc_msaa_8_rectangle_list_01                    00:00:10 mkelly FAIL
 gold or cmp file mis
  270 r400sc_msaa_8_rectangle_list_02                    00:00:10 mkelly FAIL
 gold or cmp file mis
  271 r400sc_msaa_8_rectangle_list_03                    00:00:10 mkelly FAIL
 gold or cmp file mis
  272 r400sc_msaa_8_rectangle_list_04                    00:00:10 mkelly FAIL
 gold or cmp file mis
  273 r400sc_msaa_8_rectangle_list_05                    00:00:10 mkelly FAIL
 gold or cmp file mis
  274 r400sc_msaa_8_rectangle_list_06                    00:00:10 mkelly FAIL
 gold or cmp file mis
  275 r400sc_msaa_8_rectangle_list_07                    00:00:10 mkelly FAIL
 gold or cmp file mis
  276 r400sc_msaa_8_rectangle_list_08                    00:00:10 mkelly FAIL
 gold or cmp file mis
  277 r400sc_msaa_8_zbuffer_rectangle_list_01            00:00:11 mkelly FAIL
 gold or cmp file mis
  278 r400sc_msaa_8_zbuffer_rectangle_list_02            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_msaa_8_zbuffer_rectangle_list_02

  279 r400sc_null_triangles_01                           00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_null_triangles_01
```

```
  280 r400sc_null_triangles_fc_01                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_null_triangles_fc_01

  281 r400sc_packed_color_01                               00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_packed_color_01

  282 r400sc_perf_01                                       00:00:15 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_perf_01

  283 r400sc_perf_02                                       00:00:13 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_perf_02

  284 r400sc_perf_03                                       00:00:13 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_perf_03

  285 r400sc_pinwheel_01                                   00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_pinwheel_01

  286 r400sc_pinwheel_02                                   00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_pinwheel_02

  287 r400sc_point_jss_3x4_01                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_point_jss_3x4_01

  288 r400sc_point_list_01                                 00:00:26 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_point_list_01

  289 r400sc_point_list_02                                 00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_point_list_02

  290 r400sc_point_list_03                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_point_list_03

  291 r400sc_point_list_04                                 00:00:25 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_point_list_04

  292 r400sc_point_list_05                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_point_list_05

  293 r400sc_point_list_06                                 00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_point_list_06

  294 r400sc_point_list_07                                 00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_point_list_07

  295 r400sc_point_list_08                                 00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_point_list_08
```

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  296 r400sc_point_list_09                              00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_point_list_09

  297 r400sc_point_msaa_8_01                            00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_point_msaa_8_01

  298 r400sc_poly_offset_01                             00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_poly_offset_01

  299 r400sc_poly_offset_02                             00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_poly_offset_02

  300 r400sc_poly_offset_03                             00:00:56 mkelly FAIL
 compare mismatch **
  301 r400sc_poly_offset_04                             00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_poly_offset_04

  302 r400sc_poly_offset_05                             00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_poly_offset_05

  303 r400sc_poly_offset_06                             00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_poly_offset_06

  304 r400sc_poly_offset_07                             00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_poly_offset_07

  305 r400sc_poly_offset_08                             00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_poly_offset_08

  306 r400sc_poly_offset_09                             00:00:58 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_poly_offset_09

  307 r400sc_poly_offset_10                             00:00:57 mkelly FAIL
 gold or cmp file mis
  308 r400sc_poly_offset_fc_01                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_poly_offset_fc_01

  309 r400sc_polygon_stipple_01                         00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_polygon_stipple_01

  310 r400sc_polymode_tri_fill_01                       00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_polymode_tri_fill_01

  311 r400sc_prsp_byc_intrp_ref_pix_01                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_prsp_byc_intrp_ref_pix_01

  312 r400sc_prsp_byc_intrp_ref_pix_02                  00:00:11 mkelly PASS    mkelly
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\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_prsp_byc_intrp_ref_pix_02

313 r400sc_prsp_byc_intrp_ref_pix_03 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_prsp_byc_intrp_ref_pix_03

314 r400sc_prsp_byc_intrp_ref_pix_04 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_prsp_byc_intrp_ref_pix_04

315 r400sc_prsp_byc_intrp_ref_pix_05 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_prsp_byc_intrp_ref_pix_05

316 r400sc_prsp_byc_intrp_ref_pix_06 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_prsp_byc_intrp_ref_pix_06

317 r400sc_prsp_byc_intrp_ref_pix_07 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_prsp_byc_intrp_ref_pix_07

318 r400sc_prsp_byc_intrp_ref_pix_08 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_prsp_byc_intrp_ref_pix_08

319 r400sc_raster_fill_rule_01 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_raster_fill_rule_01

320 r400sc_raster_fill_rule_02 00:00:46 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_raster_fill_rule_02

321 r400sc_raster_fill_rule_03 00:00:34 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_raster_fill_rule_03

322 r400sc_raster_fill_rule_04 00:00:19 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_raster_fill_rule_04

323 r400sc_raster_fill_rule_05 00:00:23 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_raster_fill_rule_05

324 r400sc_raster_fill_rule_06 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_raster_fill_rule_06

325 r400sc_raster_fill_rule_07 00:00:27 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_raster_fill_rule_07

326 r400sc_raster_fill_rule_08 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_raster_fill_rule_08

327 r400sc_raster_fill_rule_09 00:00:27 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_raster_fill_rule_09

328 r400sc_raster_fill_rule_10 00:00:16 mkelly PASS mkelly

\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_raster_fill_rule_10

329 r400sc_raster_fill_rule_11 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_raster_fill_rule_11

330 r400sc_raster_fill_rule_12 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_raster_fill_rule_12

331 r400sc_raster_fill_rule_13 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_raster_fill_rule_13

332 r400sc_raster_fill_rule_14 00:00:23 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_raster_fill_rule_14

333 r400sc_raster_fill_rule_15 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_raster_fill_rule_15

334 r400sc_raster_fill_rule_16 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_raster_fill_rule_16

335 r400sc_raster_fill_rule_17 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_raster_fill_rule_17

336 r400sc_raster_fill_rule_18 00:00:23 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_raster_fill_rule_18

337 r400sc_raster_fill_rule_19 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_raster_fill_rule_19

338 r400sc_raster_fill_rule_20 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_raster_fill_rule_20

339 r400sc_raster_fill_rule_21 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_raster_fill_rule_21

340 r400sc_raster_fill_rule_22 00:00:22 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_raster_fill_rule_22

341 r400sc_raster_fill_rule_23 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_raster_fill_rule_23

342 r400sc_raster_fill_rule_24 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_raster_fill_rule_24

343 r400sc_raster_fill_rule_25 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_raster_fill_rule_25

344 r400sc_raster_fill_rule_26 00:00:22 mkelly PASS mkelly

\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_raster_fill_rule_26

  345 r400sc_raster_fill_rule_fc_01                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_raster_fill_rule_fc_01

  346 r400sc_rbbm_reg_read                             00:00:05 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_rbbm_reg_read

  347 r400sc_rectangle_list_01                         00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_rectangle_list_01

  348 r400sc_rectangle_list_02                         00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_rectangle_list_02

  349 r400sc_rectangle_list_03                         00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_rectangle_list_03

  350 r400sc_rectangle_list_04                         00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_rectangle_list_04

  351 r400sc_rectangle_list_05                         00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_rectangle_list_05

  352 r400sc_rectangle_list_06                         00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_rectangle_list_06

  353 r400sc_rectangle_list_07                         00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_rectangle_list_07

  354 r400sc_rectangle_list_08                         00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_rectangle_list_08

  355 r400sc_scissor_rect_01                           00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_scissor_rect_01

  356 r400sc_scissor_rect_02                           00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_scissor_rect_02

  357 r400sc_scissor_rect_03                           00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_scissor_rect_03

  358 r400sc_scissor_rect_04                           00:00:22 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_scissor_rect_04

  359 r400sc_scissor_rect_05                           00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_scissor_rect_05

  360 r400sc_scissor_rect_fc_01                        00:00:10 mkelly PASS    mkelly

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\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_scissor_rect_fc_01

  361 r400sc_set_state_01                              00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_set_state_01

  362 r400sc_sp_sample_cntl_01                        00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_sp_sample_cntl_01

  363 r400sc_sp_sample_cntl_02                        00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_sp_sample_cntl_02

  364 r400sc_sp_sample_cntl_03                        00:00:30 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_sp_sample_cntl_03

  365 r400sc_sp_sample_cntl_04                        00:00:31 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_sp_sample_cntl_04

  366 r400sc_sp_sample_cntl_05                        00:00:26 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_sp_sample_cntl_05

  367 r400sc_sp_sample_cntl_06                        00:00:31 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_sp_sample_cntl_06

  368 r400sc_sp_sample_cntl_07                        00:00:28 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_sp_sample_cntl_07

  369 r400sc_sp_sample_cntl_08                        00:00:26 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_sp_sample_cntl_08

  370 r400sc_sp_sample_cntl_09                        00:00:12 mkelly FAIL
 gold or cmp file mis
  371 r400sc_sp_sample_cntl_10                        00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_sp_sample_cntl_10

  372 r400sc_sp_sample_cntl_fc_03                     00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_sp_sample_cntl_fc_03

  373 r400sc_sp_sample_cntl_fc_05                     00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_sp_sample_cntl_fc_05

  374 r400sc_tri_16_par_64_dwords_01                  00:00:24 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_tri_16_par_64_dwords_01

  375 r400sc_tri_8textures_01                         00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_tri_8textures_01

  376 r400sc_tri_8textures_02                         00:00:24 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_tri_8textures_02
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  377 r400sc_tri_walk_start_vertex_01                    00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_tri_walk_start_vertex_01

  378 r400sc_tri_walk_start_vertex_02                    00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_tri_walk_start_vertex_02

  379 r400sc_tri_walk_start_vertex_03                    00:00:19 mkelly FAIL
 compare mismatch **
  380 r400sc_tri_walk_start_vertex_04                    00:00:19 mkelly FAIL
 compare mismatch **
  381 r400sc_tri_walk_start_vertex_05                    00:00:19 mkelly FAIL
 compare mismatch **
  382 r400sc_tri_walk_start_vertex_06                    00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_tri_walk_start_vertex_06

  383 r400sc_tri_walk_start_vertex_07                    00:00:19 mkelly FAIL
 compare mismatch **
  384 r400sc_tri_walk_start_vertex_08                    00:00:19 mkelly FAIL
 compare mismatch **
  385 r400sc_tri_walk_start_vertex_09                    00:00:19 mkelly FAIL
 compare mismatch **
  386 r400sc_tri_walk_start_vertex_10                    00:00:19 mkelly FAIL
 compare mismatch **
  387 r400sc_tri_walk_start_vertex_11                    00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_tri_walk_start_vertex_11

  388 r400sc_tri_walk_start_vertex_12                    00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_tri_walk_start_vertex_12

  389 r400sc_tri_walk_start_vertex_13                    00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_tri_walk_start_vertex_13

  390 r400sc_tri_walk_start_vertex_14                    00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_tri_walk_start_vertex_14

  391 r400sc_tri_walk_start_vertex_15                    00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_tri_walk_start_vertex_15

  392 r400sc_tri_walk_start_vertex_16                    00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_tri_walk_start_vertex_16

  393 r400sc_triangle_stipple_01                         00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_triangle_stipple_01

  394 r400sc_window_offset_01                            00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_window_offset_01
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  395 r400sc_window_offset_02                          00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_window_offset_02

  396 r400sc_window_offset_03                          00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_window_offset_03

  397 r400sc_window_offset_04                          00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_window_offset_04

  398 r400sc_window_offset_05                          00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_window_offset_05

  399 r400sc_window_offset_fc_01                       00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_window_offset_fc_01

  400 r400sc_window_scis_01                            00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_window_scis_01

  401 r400sc_zbuffer_line_list_01                      00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_zbuffer_line_list_01

  402 r400sc_zbuffer_point_list_01                     00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_zbuffer_point_list_01

  403 r400sc_zbuffer_rectangle_list_01                 00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_zbuffer_rectangle_list_01

  404 r400sc_zbuffer_rectangle_list_02                 00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_zbuffer_rectangle_list_02

  405 r400sc_zbuffer_rectangle_list_fc_02              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_zbuffer_rectangle_list_fc_02

  406 r400sc_zbuffer_triangle_list_01                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sc_zbuffer_triangle_list_01

  407 r400cl_clip_vertex_reorder_01                    00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cl_clip_vertex_reorder_01

  408 r400cl_gband_variations_01                       00:00:22 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cl_gband_variations_01

  409 r400cl_gband_variations_infNan_01                00:00:22 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cl_gband_variations_infNan_01

  410 r400cl_nan_kill_combo_01                         00:01:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cl_nan_kill_combo_01
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  411 r400cl_triangle_plane_01                          00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cl_triangle_plane_01

  412 r400cl_edgeflags_lineFill_gband_01                00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cl_edgeflags_lineFill_gband_01

  413 r400cl_edgeflags_lineFill_gband_02                00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cl_edgeflags_lineFill_gband_02

  414 r400cl_edgeflags_lineFill_gband_03                00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cl_edgeflags_lineFill_gband_03

  415 r400cl_edgeflags_lineFill_gband_04                00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cl_edgeflags_lineFill_gband_04

  416 r400cl_edgeflags_lineFill_gband_05                00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cl_edgeflags_lineFill_gband_05

  417 r400cl_edgeflags_lineFill_gband_horzClip_06       00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cl_edgeflags_lineFill_gband_horzCli
p_06
  418 r400cl_edgeflags_lineFill_gband_vertClip_06       00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cl_edgeflags_lineFill_gband_vertCli
p_06
  419 r400cl_edgeflags_lineFill_gband_07                00:00:31 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cl_edgeflags_lineFill_gband_07

  420 r400cl_edgeflags_pointFill_gband_01               00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cl_edgeflags_pointFill_gband_01

  421 r400cl_edgeflags_pointFill_gband_02               00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cl_edgeflags_pointFill_gband_02

  422 r400cl_edgeflags_pointFill_gband_03               00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cl_edgeflags_pointFill_gband_03

  423 r400cl_edgeflags_pointFill_gband_04               00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cl_edgeflags_pointFill_gband_04

  424 r400cl_edgeflags_pointFill_gband_05               00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cl_edgeflags_pointFill_gband_05

  425 r400cl_edgeflags_pointFill_gband_horzClip_06      00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cl_edgeflags_pointFill_gband_horzCl
ip_06
  426 r400cl_edgeflags_pointFill_gband_vertClip_06      00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cl_edgeflags_pointFill_gband_vertCl
ip_06
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  427 r400cl_edgeflags_pointFill_gband_07                00:00:30 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cl_edgeflags_pointFill_gband_07

  428 r400cl_gband_tcl_01                                00:00:27 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cl_gband_tcl_01

  429 r400cl_clip_space_dx_ogl_02                        00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cl_clip_space_dx_ogl_02

  430 r400cl_barycentric_clip_perspective_01             00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cl_barycentric_clip_perspective_01

  431 r400cl_barycentric_clip_perspective_02             00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cl_barycentric_clip_perspective_02

  432 r400cl_barycentric_clip_perspective_03             00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cl_barycentric_clip_perspective_03

  433 r400cl_barycentric_clip_perspective_04             00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cl_barycentric_clip_perspective_04

  434 r400cl_gband_triclip_01                            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cl_gband_triclip_01

  435 r400cl_gband_point_01                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cl_gband_point_01

  436 r400cl_edgeflags_pointFill_01                      00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cl_edgeflags_pointFill_01

  437 r400cl_edgeflags_pointFill_02                      00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cl_edgeflags_pointFill_02

  438 r400cl_edgeflags_pointFill_03                      00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cl_edgeflags_pointFill_03

  439 r400cl_edgeflags_pointFill_04                      00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cl_edgeflags_pointFill_04

  440 r400cl_edgeflags_pointFill_05                      00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cl_edgeflags_pointFill_05

  441 r400cl_edgeflags_pointFill_vertClip_06             00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cl_edgeflags_pointFill_vertClip_06

  442 r400cl_edgeflags_pointFill_horzClip_06             00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cl_edgeflags_pointFill_horzClip_06
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  443 r400cl_edgeflags_pointFill_07                    00:00:30 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cl_edgeflags_pointFill_07

  444 r400cl_ucp_combo_quadstrip_01                    00:00:45 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cl_ucp_combo_quadstrip_01

  445 r400cl_ucp_combo_polygon_01                      00:00:43 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cl_ucp_combo_polygon_01

  446 r400cl_ucp_cube_02                               00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cl_ucp_cube_02

  447 r400cl_ucp_cube_01                               00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cl_ucp_cube_01

  448 r400cl_frustum_point_01                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cl_frustum_point_01

  449 r400cl_vertex_reuse_clip_02                      00:00:56 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cl_vertex_reuse_clip_02

  450 r400cl_vertex_reuse_clip_03                      00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cl_vertex_reuse_clip_03

  451 r400cl_point_ucp_clip_mode3_cull_enable_01       00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cl_point_ucp_clip_mode3_cull_enable
_01
  452 r400cl_point_ucp_clip_mode3_cull_disable_01      00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cl_point_ucp_clip_mode3_cull_disabl
e_01
  453 r400cl_point_ucp_clip_mode2_cull_enable_01       00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cl_point_ucp_clip_mode2_cull_enable
_01
  454 r400cl_point_ucp_clip_mode2_cull_disable_01      00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cl_point_ucp_clip_mode2_cull_disabl
e_01
  455 r400cl_point_ucp_clip_mode1_cull_disable_01      00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cl_point_ucp_clip_mode1_cull_disabl
e_01
  456 r400cl_point_ucp_clip_mode0_cull_disable_01      00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cl_point_ucp_clip_mode0_cull_disabl
e_01
  457 r400cl_point_gband_clip_01                       00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cl_point_gband_clip_01

  458 r400cl_point_frustum_clip_01                     00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cl_point_frustum_clip_01
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  459 r400cl_point_size_ucp_combo_01                    00:00:28 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cl_point_size_ucp_combo_01

  460 r400cl_frustum_LR_TB_01                           00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cl_frustum_LR_TB_01

  461 r400cl_edgeflags_05                               00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cl_edgeflags_05

  462 r400cl_edgeflags_06                               00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cl_edgeflags_06

  463 r400cl_edgeflags_07                               00:00:30 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cl_edgeflags_07

  464 r400cl_cull_only_ena_02                           00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cl_cull_only_ena_02

  465 r400cl_cull_only_ena_03                           00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cl_cull_only_ena_03

  466 r400cl_barycentric_texture_01                     00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cl_barycentric_texture_01

  467 r400cl_clip_10_verts_01                           00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cl_clip_10_verts_01

  468 r400cl_clip_disable_01                            00:00:22 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cl_clip_disable_01

  469 r400cl_clip_space_dx_ogl_01                       00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cl_clip_space_dx_ogl_01

  470 r400cl_clip_ucp_6bits_01                          00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cl_clip_ucp_6bits_01

  471 r400cl_cull_only_ena_01                           00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cl_cull_only_ena_01

  472 r400cl_edgeflags_01                               00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cl_edgeflags_01

  473 r400cl_edgeflags_02                               00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cl_edgeflags_02

  474 r400cl_edgeflags_03                               00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cl_edgeflags_03
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  475 r400cl_edgeflags_04                                 00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cl_edgeflags_04

  476 r400cl_edgeflags_frustum_bottom_01                  00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cl_edgeflags_frustum_bottom_01

  477 r400cl_edgeflags_frustum_far_01                     00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cl_edgeflags_frustum_far_01

  478 r400cl_edgeflags_frustum_left_01                    00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cl_edgeflags_frustum_left_01

  479 r400cl_edgeflags_frustum_near_01                    00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cl_edgeflags_frustum_near_01

  480 r400cl_edgeflags_frustum_right_01                   00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cl_edgeflags_frustum_right_01

  481 r400cl_edgeflags_frustum_top_01                     00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cl_edgeflags_frustum_top_01

  482 r400cl_edgeflags_gband_01                           00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cl_edgeflags_gband_01

  483 r400cl_edgeflags_gband_bottom_01                    00:00:21 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cl_edgeflags_gband_bottom_01

  484 r400cl_edgeflags_gband_left_01                      00:00:21 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cl_edgeflags_gband_left_01

  485 r400cl_edgeflags_gband_right_01                     00:00:21 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cl_edgeflags_gband_right_01

  486 r400cl_edgeflags_gband_top_01                       00:00:21 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cl_edgeflags_gband_top_01

  487 r400cl_edgeflags_texture_sample_01                  00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cl_edgeflags_texture_sample_01

  488 r400cl_frustum_01                                   00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cl_frustum_01

  489 r400cl_frustum_02                                   00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cl_frustum_02

  490 r400cl_frustum_03                                   00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cl_frustum_03
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  491 r400cl_frustum_04                                 00:00:26 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cl_frustum_04

  492 r400cl_frustum_05                                 00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cl_frustum_05

  493 r400cl_frustum_06                                 00:00:24 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cl_frustum_06

  494 r400cl_frustum_07                                 00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cl_frustum_07

  495 r400cl_frustum_08                                 00:00:27 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cl_frustum_08

  496 r400cl_frustum_09                                 00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cl_frustum_09

  497 r400cl_frustum_10                                 00:00:24 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cl_frustum_10

  498 r400cl_frustum_11                                 00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cl_frustum_11

  499 r400cl_frustum_12                                 00:00:26 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cl_frustum_12

  500 r400cl_frustum_13                                 00:00:21 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cl_frustum_13

  501 r400cl_frustum_14                                 00:00:24 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cl_frustum_14

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  504 r400cl_frustum_17                                 00:00:20 mkelly PASS    mkelly
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  505 r400cl_frustum_18                                 00:00:24 mkelly PASS    mkelly
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  506 r400cl_frustum_19                                 00:00:23 mkelly PASS    mkelly
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  507 r400cl_frustum_20                                00:00:25 mkelly PASS    mkelly
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  508 r400cl_frustum_21                                00:00:20 mkelly PASS    mkelly
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  509 r400cl_frustum_22                                00:00:24 mkelly PASS    mkelly
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  510 r400cl_frustum_23                                00:00:23 mkelly PASS    mkelly
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  511 r400cl_frustum_24                                00:00:26 mkelly PASS    mkelly
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  512 r400cl_frustum_25                                00:00:19 mkelly PASS    mkelly
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  513 r400cl_frustum_26                                00:00:23 mkelly PASS    mkelly
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  514 r400cl_frustum_27                                00:00:24 mkelly PASS    mkelly
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  515 r400cl_frustum_28                                00:00:28 mkelly PASS    mkelly
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  516 r400cl_frustum_29                                00:00:18 mkelly PASS    mkelly
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  517 r400cl_frustum_30                                00:00:23 mkelly PASS    mkelly
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  518 r400cl_frustum_31                                00:00:23 mkelly PASS    mkelly
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  519 r400cl_frustum_32                                00:00:27 mkelly PASS    mkelly
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  525 r400cl_frustum_38                                00:00:22 mkelly PASS    mkelly
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  526 r400cl_frustum_39                                00:00:22 mkelly PASS    mkelly
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  528 r400cl_frustum_41                                00:00:20 mkelly PASS    mkelly
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  530 r400cl_frustum_43                                00:00:23 mkelly PASS    mkelly
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  531 r400cl_frustum_44                                00:00:24 mkelly PASS    mkelly
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  534 r400cl_frustum_47                                00:00:22 mkelly PASS    mkelly
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  535 r400cl_frustum_48                                00:00:24 mkelly PASS    mkelly
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  538 r400cl_frustum_51                                00:00:22 mkelly PASS    mkelly
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  542 r400cl_frustum_55                                 00:00:22 mkelly PASS    mkelly
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  544 r400cl_frustum_57                                 00:00:20 mkelly PASS    mkelly
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  546 r400cl_frustum_59                                 00:00:22 mkelly PASS    mkelly
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  547 r400cl_frustum_60                                 00:00:24 mkelly PASS    mkelly
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  554 r400cl_frustum_67                                 00:00:23 mkelly PASS    mkelly
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  557 r400cl_frustum_70                                 00:00:22 mkelly PASS    mkelly
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  558 r400cl_frustum_71                                 00:00:22 mkelly PASS    mkelly
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  560 r400cl_frustum_76                                 00:00:26 mkelly PASS    mkelly
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  562 r400cl_frustum_86                                 00:00:23 mkelly PASS    mkelly
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  563 r400cl_frustum_91                                 00:00:22 mkelly PASS    mkelly
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  564 r400cl_frustum_96                                 00:00:26 mkelly PASS    mkelly
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  565 r400cl_frustum_LFT_combos_01                      00:00:13 mkelly PASS    mkelly
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  566 r400cl_frustum_LFT_rotated_01                     00:00:36 mkelly FAIL
 compare mismatch **
  567 r400cl_frustum_all_vols_lines                     00:00:12 mkelly PASS    mkelly
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  568 r400cl_frustum_all_vols_tris                      00:00:15 mkelly PASS    mkelly
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  571 r400cl_frustum_lines_03                           00:00:18 mkelly PASS    mkelly
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573 r400cl_frustum_lines_05 00:00:16 mkelly PASS mkelly
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586 r400cl_frustum_lines_108 00:00:18 mkelly PASS mkelly
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589 r400cl_frustum_lines_13 00:00:16 mkelly PASS mkelly
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631 r400cl_frustum_lines_55 00:00:17 mkelly PASS mkelly
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632 r400cl_frustum_lines_56 00:00:19 mkelly PASS mkelly
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634 r400cl_frustum_lines_58 00:00:16 mkelly PASS mkelly
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686 r400cl_point_ucp_combos_01 00:00:14 mkelly PASS mkelly
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702 r400cl_ucp_combos_10 00:00:57 mkelly PASS mkelly
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  758 r400cl_vertex_reuse_clip_01                       00:00:51 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cl_vertex_reuse_clip_01

  759 r400cl_vtx_kill_01                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cl_vtx_kill_01

  760 r400cl_vtx_kill_02                                00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cl_vtx_kill_02

  761 r400cl_w_eq_0                                     00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cl_w_eq_0

  762 r400cl_clip_edgeflags_frustum_corners_01          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cl_clip_edgeflags_frustum_corners_0
1
  763 r400cl_clip_edgeflags_frustum_corners_02          00:00:10 mkelly PASS    mkelly

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\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cl_clip_edgeflags_frustum_corners_0
2
  764 r400vgt_auto_index_line_list_01                    00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_auto_index_line_list_01

  765 r400vgt_auto_index_line_loop_01                    00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_auto_index_line_loop_01

  766 r400vgt_auto_index_line_strip_01                   00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_auto_index_line_strip_01

  767 r400vgt_auto_index_points_01                       00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_auto_index_points_01

  768 r400vgt_auto_index_polygon_01                      00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_auto_index_polygon_01

  769 r400vgt_auto_index_primtypes_01                    00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_auto_index_primtypes_01

  770 r400vgt_auto_index_quad_list_01                    00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_auto_index_quad_list_01

  771 r400vgt_auto_index_quad_strip_01                   00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_auto_index_quad_strip_01

  772 r400vgt_auto_index_rectangle_list_01               00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_auto_index_rectangle_list_01

  773 r400vgt_auto_index_tri_fan_01                      00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_auto_index_tri_fan_01

  774 r400vgt_auto_index_tri_list_01                     00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_auto_index_tri_list_01

  775 r400vgt_auto_index_tri_strip_01                    00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_auto_index_tri_strip_01

  776 r400vgt_auto_index_tri_wflags_01                   00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_auto_index_tri_wflags_01

  777 r400vgt_debug_registers_01                         00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_debug_registers_01

  778 r400vgt_dma_engine_01                              00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_dma_engine_01

  779 r400vgt_dma_engine_02                              00:00:13 mkelly PASS    mkelly
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\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_dma_engine_02

780 r400vgt_dma_engine_03 00:00:14 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_dma_engine_03

781 r400vgt_dma_engine_04 00:00:14 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_dma_engine_04

782 r400vgt_dma_engine_05 00:00:14 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_dma_engine_05

783 r400vgt_dma_engine_06 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_dma_engine_06

784 r400vgt_dma_engine_07 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_dma_engine_07

785 r400vgt_dma_engine_08 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_dma_engine_08

786 r400vgt_dma_engine_09 00:00:15 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_dma_engine_09

787 r400vgt_dma_engine_10 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_dma_engine_10

788 r400vgt_dma_index_line_list_01 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_dma_index_line_list_01

789 r400vgt_dma_index_line_loop_01 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_dma_index_line_loop_01

790 r400vgt_dma_index_line_strip_01 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_dma_index_line_strip_01

791 r400vgt_dma_index_points_01 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_dma_index_points_01

792 r400vgt_dma_index_polygon_01 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_dma_index_polygon_01

793 r400vgt_dma_index_primtypes_01 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_dma_index_primtypes_01

794 r400vgt_dma_index_primtypes_02 00:00:14 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_dma_index_primtypes_02

795 r400vgt_dma_index_quad_list_01 00:00:11 mkelly PASS mkelly

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\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_dma_index_quad_list_01

  796 r400vgt_dma_index_quad_strip_01                    00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_dma_index_quad_strip_01

  797 r400vgt_dma_index_rectangle_list_01                00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_dma_index_rectangle_list_01

  798 r400vgt_dma_index_tri_fan_01                       00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_dma_index_tri_fan_01

  799 r400vgt_dma_index_tri_list_01                      00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_dma_index_tri_list_01

  800 r400vgt_dma_index_tri_strip_01                     00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_dma_index_tri_strip_01

  801 r400vgt_dma_index_tri_wflags_01                    00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_dma_index_tri_wflags_01

  802 r400vgt_dma_swap_indx16_01                         00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_dma_swap_indx16_01

  803 r400vgt_dma_swap_indx16_agp_01                     00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_dma_swap_indx16_agp_01

  804 r400vgt_dma_swap_indx16_pci_01                     00:00:11 mkelly FAIL
 compare mismatch **
  805 r400vgt_dma_swap_indx32_01                         00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_dma_swap_indx32_01

  806 r400vgt_dma_swap_indx32_agp_01                     00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_dma_swap_indx32_agp_01

  807 r400vgt_dma_swap_indx32_pci_01                     00:00:12 mkelly FAIL
 compare mismatch **
  808 r400vgt_draw_init_fifo_depth_01                    00:01:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_draw_init_fifo_depth_01

  809 r400vgt_edgeflags_polygon_01                       00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_edgeflags_polygon_01

  810 r400vgt_edgeflags_quad_list_01                     00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_edgeflags_quad_list_01

  811 r400vgt_edgeflags_quad_strip_01                    00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_edgeflags_quad_strip_01
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  812 r400vgt_edgeflags_triangle_fan_01                  00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_edgeflags_triangle_fan_01

  813 r400vgt_edgeflags_triangle_list_01                 00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_edgeflags_triangle_list_01

  814 r400vgt_edgeflags_triangle_strip_01                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_edgeflags_triangle_strip_01

  815 r400vgt_edgeflags_triangle_wflags_01               00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_edgeflags_triangle_wflags_01

  816 r400vgt_event_handling_01                          00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_event_handling_01

  817 r400vgt_event_handling_02                          00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_event_handling_02

  818 r400vgt_event_handling_03                          00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_event_handling_03

  819 r400vgt_event_handling_04                          00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_event_handling_04

  820 r400vgt_ext2int_index_line_list_01                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_ext2int_index_line_list_01

  821 r400vgt_ext2int_index_line_loop_01                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_ext2int_index_line_loop_01

  822 r400vgt_ext2int_index_line_strip_01                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_ext2int_index_line_strip_01

  823 r400vgt_ext2int_index_points_01                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_ext2int_index_points_01

  824 r400vgt_ext2int_index_polygon_01                   00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_ext2int_index_polygon_01

  825 r400vgt_ext2int_index_quad_list_01                 00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_ext2int_index_quad_list_01

  826 r400vgt_ext2int_index_quad_strip_01                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_ext2int_index_quad_strip_01

  827 r400vgt_ext2int_index_rectangle_list_01            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_ext2int_index_rectangle_list_01
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  828 r400vgt_ext2int_index_triangle_fan_01              00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_ext2int_index_triangle_fan_01

  829 r400vgt_ext2int_index_triangle_list_01             00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_ext2int_index_triangle_list_01

  830 r400vgt_ext2int_index_triangle_strip_01            00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_ext2int_index_triangle_strip_01

  831 r400vgt_ext2int_index_triangle_wflags_01           00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_ext2int_index_triangle_wflags_0
1
  832 r400vgt_hos_auto_index_line_list_01                00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_hos_auto_index_line_list_01

  833 r400vgt_hos_auto_index_quad_list_01                00:01:36 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_hos_auto_index_quad_list_01

  834 r400vgt_hos_auto_index_triangle_list_01            00:01:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_hos_auto_index_triangle_list_01

  835 r400vgt_hos_cubic_pos_pnt_discrete_01              00:00:25 mkelly FAIL
 compare mismatch **
  836 r400vgt_hos_LINE_adaptive_complex                  00:00:11 mkelly FAIL
 compare mismatch **
  837 r400vgt_hos_LPatch_01                              00:00:16 mkelly FAIL
 compare mismatch **
  838 r400vgt_hos_multi_prim_reset_index_01              00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_hos_multi_prim_reset_index_01

  839 r400vgt_hos_PNl_adaptive_complex                   00:00:11 mkelly FAIL
 compare mismatch **
  840 r400vgt_hos_PNL_cp_ln_cont_no_projection_01        00:00:16 mkelly FAIL
 compare mismatch **
  841 r400vgt_hos_PNL_lp_ln_cont_no_projection_01        00:00:15 mkelly FAIL
 gold or cmp file mis
  842 r400vgt_hos_PNQ_adaptive_complex                   00:00:27 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_hos_PNQ_adaptive_complex

  843 r400vgt_hos_PNQ_cp_qn_cont_light_texture_01        00:02:21 mkelly FAIL
 compare mismatch **
  844 r400vgt_hos_PNQ_cp_qn_cont_light_texture_02        00:02:26 mkelly FAIL
 compare mismatch **
  845 r400vgt_hos_PNQ_cp_qn_cont_no_projection_01        00:00:49 mkelly FAIL
 compare mismatch **
  846 r400vgt_hos_PNQ_lp_cont_no_projection_01           00:00:38 mkelly FAIL
 compare mismatch **
  847 r400vgt_hos_PNT_adaptive                           00:00:17 mkelly PASS    mkelly
```

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\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_hos_PNT_adaptive

  848 r400vgt_hos_PNT_adaptive_complex                   00:03:14 mkelly FAIL
 compare mismatch **
  849 r400vgt_hos_PNT_cont_cp_qn_complex_01              00:02:30 mkelly FAIL
 gold or cmp file mis
  850 r400vgt_hos_PNT_cont_cp_qn_precision_01            00:00:31 mkelly FAIL
 compare mismatch **
  851 r400vgt_hos_PNT_cont_cp_qn_precision_02            00:00:43 mkelly FAIL
 compare mismatch **
  852 r400vgt_hos_PNT_cp_qn_cont_light_texture_01        00:00:50 mkelly FAIL
 gold or cmp file mis
  853 r400vgt_hos_PNT_cp_qn_cont_light_texture_02        00:00:51 mkelly FAIL
 gold or cmp file mis
  854 r400vgt_hos_PNT_cp_qn_cont_light_texture_03        00:00:52 mkelly FAIL
 gold or cmp file mis
  855 r400vgt_hos_PNT_cp_qn_cont_moving_normals_01       00:01:38 mkelly FAIL
 gold or cmp file mis
  856 r400vgt_hos_PNT_cp_qn_cont_no_projection_01        00:00:28 mkelly FAIL
 compare mismatch **
  857 r400vgt_hos_PNT_cp_qn_disc_14_04_lit_tex_proj_01   00:00:16 mkelly FAIL
 gold or cmp file mis
  858 r400vgt_hos_PNT_disc_cp_qn_complex_01              00:01:59 mkelly FAIL
 gold or cmp file mis
  859 r400vgt_hos_PNT_disc_cp_qn_light_texture_01        00:00:25 mkelly FAIL
 gold or cmp file mis
  860 r400vgt_hos_PNT_disc_cp_qn_no_projection_01        00:00:17 mkelly FAIL
 compare mismatch **
  861 r400vgt_hos_PNT_disc_cp_qn_precision_01            00:00:18 mkelly FAIL
 compare mismatch **
  862 r400vgt_hos_PNT_disc_cp_qn_precision_02            00:00:32 mkelly FAIL
 compare mismatch **
  863 r400vgt_hos_PNT_edge_detection_01                  00:01:41 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_hos_PNT_edge_detection_01

  864 r400vgt_hos_PNT_lp_cont_no_projection_01           00:00:31 mkelly FAIL
 compare mismatch **
  865 r400vgt_hos_PNTQL_cp_qn_cont_stress_01             00:00:55 mkelly FAIL
 gold or cmp file mis
  866 r400vgt_hos_RECT_adaptive_complex                  00:01:13 mkelly FAIL
 compare mismatch **
  867 r400vgt_hos_RPatch_cp_02                           00:02:06 mkelly FAIL
 gold or cmp file mis
  868 r400vgt_hos_RPatch_lp_02                           00:01:51 mkelly FAIL
 gold or cmp file mis
  869 r400vgt_hos_RTL_stress_01                          00:01:20 mkelly FAIL
 gold or cmp file mis
  870 r400vgt_hos_simple_linear_PNT_discrete_01          00:00:10 mkelly PASS    mkelly
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\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_hos_simple_linear_PNT_discrete_
01
  871 r400vgt_hos_TPatch_01                          00:00:45 mkelly FAIL
 compare mismatch **
  872 r400vgt_hos_TPatch_02                          00:01:03 mkelly FAIL
 gold or cmp file mis
  873 r400vgt_hos_TRI_adaptive_complex               00:00:34 mkelly FAIL
 compare mismatch **
  874 r400vgt_immed_index_line_list_01               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_immed_index_line_list_01

  875 r400vgt_immed_index_line_loop_01               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_immed_index_line_loop_01

  876 r400vgt_immed_index_line_strip_01              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_immed_index_line_strip_01

  877 r400vgt_immed_index_points_01                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_immed_index_points_01

  878 r400vgt_immed_index_polygon_01                 00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_immed_index_polygon_01

  879 r400vgt_immed_index_primtypes_01               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_immed_index_primtypes_01

  880 r400vgt_immed_index_quad_list_01               00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_immed_index_quad_list_01

  881 r400vgt_immed_index_quad_strip_01              00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_immed_index_quad_strip_01

  882 r400vgt_immed_index_rectangle_list_01          00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_immed_index_rectangle_list_01

  883 r400vgt_immed_index_tri_fan_01                 00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_immed_index_tri_fan_01

  884 r400vgt_immed_index_tri_list_01                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_immed_index_tri_list_01

  885 r400vgt_immed_index_tri_strip_01               00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_immed_index_tri_strip_01

  886 r400vgt_immed_index_tri_wflags_01              00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_immed_index_tri_wflags_01

  887 r400vgt_index_dealloc_line_list_01             00:00:16 mkelly PASS    mkelly
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\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_index_dealloc_line_list_01

  888 r400vgt_index_dealloc_points_01                    00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_index_dealloc_points_01

  889 r400vgt_index_dealloc_triangle_list_01             00:00:25 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_index_dealloc_triangle_list_01

  890 r400vgt_index_min_max_01                           00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_index_min_max_01

  891 r400vgt_index_min_max_02                           00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_index_min_max_02

  892 r400vgt_index_min_max_03                           00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_index_min_max_03

  893 r400vgt_index_min_max_04                           00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_index_min_max_04

  894 r400vgt_index_offset_01                            00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_index_offset_01

  895 r400vgt_index_offset_02                            00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_index_offset_02

  896 r400vgt_index_offset_03                            00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_index_offset_03

  897 r400vgt_index_offset_04                            00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_index_offset_04

  898 r400vgt_index_offset_05                            00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_index_offset_05

  899 r400vgt_index_offset_06                            00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_index_offset_06

  900 r400vgt_index_offset_07                            00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_index_offset_07

  901 r400vgt_index_offset_08                            00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_index_offset_08

  902 r400vgt_index_size_01                              00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_index_size_01

  903 r400vgt_index_size_02                              00:00:11 mkelly PASS    mkelly
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\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_index_size_02

  904 r400vgt_index_source_switch_01                    00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_index_source_switch_01

  905 r400vgt_line_list_01                              00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_line_list_01

  906 r400vgt_line_list_02                              00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_line_list_02

  907 r400vgt_line_loop_01                              00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_line_loop_01

  908 r400vgt_line_loop_02                              00:00:22 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_line_loop_02

  909 r400vgt_line_strip_01                             00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_line_strip_01

  910 r400vgt_line_strip_02                             00:00:21 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_line_strip_02

  911 r400vgt_local_tonemapping                         00:01:59 mkelly FAIL
 gold or cmp file mis
  912 r400vgt_multi_context_01                          00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_multi_context_01

  913 r400vgt_multi_context_02                          00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_multi_context_02

  914 r400vgt_multi_context_03                          00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_multi_context_03

  915 r400vgt_multi_context_04                          00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_multi_context_04

  916 r400vgt_multi_context_05                          00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_multi_context_05

  917 r400vgt_multi_context_06                          00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_multi_context_06

  918 r400vgt_multi_context_07                          00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_multi_context_07

  919 r400vgt_multi_context_08                          00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_multi_context_08
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  920 r400vgt_multi_context_09                          00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_multi_context_09

  921 r400vgt_multi_context_10                          00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_multi_context_10

  922 r400vgt_multi_context_11                          00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_multi_context_11

  923 r400vgt_multi_context_12                          00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_multi_context_12

  924 r400vgt_multi_pass_pix_shader_01                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_multi_pass_pix_shader_01

  925 r400vgt_multi_pass_pix_shader_02                  00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_multi_pass_pix_shader_02

  926 r400vgt_multi_pass_pix_shader_03                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_multi_pass_pix_shader_03

  927 r400vgt_multi_pass_pix_shader_04                  00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_multi_pass_pix_shader_04

  928 r400vgt_multi_pass_pix_shader_05                  00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_multi_pass_pix_shader_05

  929 r400vgt_multi_pass_pix_shader_06                  00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_multi_pass_pix_shader_06

  930 r400vgt_multi_pass_pix_shader_07                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_multi_pass_pix_shader_07

  931 r400vgt_multi_pass_pix_shader_08                  00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_multi_pass_pix_shader_08

  932 r400vgt_multi_prim_reset_index_all_01             00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_multi_prim_reset_index_all_01

  933 r400vgt_multi_prim_reset_index_all_02             00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_multi_prim_reset_index_all_02

  934 r400vgt_multi_prim_reset_index_all_03             00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_multi_prim_reset_index_all_03

  935 r400vgt_multi_prim_reset_index_all_04             00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_multi_prim_reset_index_all_04
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  936 r400vgt_multi_prim_reset_index_all_05              00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_multi_prim_reset_index_all_05

  937 r400vgt_multi_prim_reset_index_all_06              00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_multi_prim_reset_index_all_06

  938 r400vgt_multi_prim_reset_index_all_07              00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_multi_prim_reset_index_all_07

  939 r400vgt_pass_thru_all_prims_01                     00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_pass_thru_all_prims_01

  940 r400vgt_pass_thru_all_prims_02                     00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_pass_thru_all_prims_02

  941 r400vgt_perf_counters_events_01                    00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_perf_counters_events_01

  942 r400vgt_point_list_01                              00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_point_list_01

  943 r400vgt_point_list_02                              00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_point_list_02

  944 r400vgt_polygon_01                                 00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_polygon_01

  945 r400vgt_polygon_02                                 00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_polygon_02

  946 r400vgt_provoking_vtx_all_01                       00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_provoking_vtx_all_01

  947 r400vgt_provoking_vtx_edgeflags_all_01             00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_provoking_vtx_edgeflags_all_01

  948 r400vgt_provoking_vtx_polygon_01                   00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_provoking_vtx_polygon_01

  949 r400vgt_provoking_vtx_quad_list_01                 00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_provoking_vtx_quad_list_01

  950 r400vgt_provoking_vtx_quad_strip_01                00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_provoking_vtx_quad_strip_01

  951 r400vgt_provoking_vtx_tri_fan_01                   00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_provoking_vtx_tri_fan_01
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  952 r400vgt_provoking_vtx_tri_strip_01                 00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_provoking_vtx_tri_strip_01

  953 r400vgt_quad_list_01                              00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_quad_list_01

  954 r400vgt_quad_list_02                              00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_quad_list_02

  955 r400vgt_quad_strip_01                             00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_quad_strip_01

  956 r400vgt_quad_strip_02                             00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_quad_strip_02

  957 r400vgt_rbbm_reg_read                             00:00:05 mkelly FAIL
 gold or cmp file mis
  958 r400vgt_real_time_events_01                       00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_real_time_events_01

  959 r400vgt_real_time_events_02                       00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_real_time_events_02

  960 r400vgt_real_time_events_03                       00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_real_time_events_03

  961 r400vgt_real_time_events_04                       00:01:04 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_real_time_events_04

  962 r400vgt_real_time_events_05                       00:01:04 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_real_time_events_05

  963 r400vgt_real_time_events_06                       00:01:04 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_real_time_events_06

  964 r400vgt_real_time_events_07                       00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_real_time_events_07

  965 r400vgt_rectangle_list_01                         00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_rectangle_list_01

  966 r400vgt_rectangle_list_02                         00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_rectangle_list_02

  967 r400vgt_reuse_depth_line_list_01                  00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_reuse_depth_line_list_01
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  968 r400vgt_reuse_depth_line_strip_01                  00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_reuse_depth_line_strip_01

  969 r400vgt_reuse_depth_point_list_01                  00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_reuse_depth_point_list_01

  970 r400vgt_reuse_depth_triangle_fan_01                00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_reuse_depth_triangle_fan_01

  971 r400vgt_reuse_depth_triangle_list_01               00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_reuse_depth_triangle_list_01

  972 r400vgt_reuse_depth_triangle_strip_01              00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_reuse_depth_triangle_strip_01

  973 r400vgt_reuse_index_line_list_01                   00:00:28 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_reuse_index_line_list_01

  974 r400vgt_reuse_index_point_list_01                  00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_reuse_index_point_list_01

  975 r400vgt_reuse_index_triangle_list_01               00:00:22 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_reuse_index_triangle_list_01

  976 r400vgt_reuse_index_triangle_list_02               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_reuse_index_triangle_list_02

  977 r400vgt_reuse_index_triangle_list_03               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_reuse_index_triangle_list_03

  978 r400vgt_simple_register_indirect                   00:00:27 mkelly FAIL
 gold or cmp file mis
  979 r400vgt_suppress_eop_01                            00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_suppress_eop_01

  980 r400vgt_suppress_eop_02                            00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_suppress_eop_02

  981 r400vgt_suppress_eop_03                            00:00:21 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_suppress_eop_03

  982 r400vgt_suppress_eop_04                            00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_suppress_eop_04

  983 r400vgt_suppress_eop_05                            00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_suppress_eop_05

  984 r400vgt_triangle_fan_01                            00:00:13 mkelly PASS    mkelly
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\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_triangle_fan_01

985 r400vgt_triangle_fan_02 00:00:18 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_triangle_fan_02

986 r400vgt_triangle_list_01 00:00:16 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_triangle_list_01

987 r400vgt_triangle_list_02 00:00:18 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_triangle_list_02

988 r400vgt_triangle_strip_01 00:00:15 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_triangle_strip_01

989 r400vgt_triangle_strip_02 00:00:17 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_triangle_strip_02

990 r400vgt_triangle_wflags_01 00:00:15 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_triangle_wflags_01

991 r400vgt_triangle_wflags_02 00:00:16 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_triangle_wflags_02

992 r400vgt_viz_query_01 00:00:20 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_viz_query_01

993 r400vgt_vtx_export_very_very_simple_01 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_vtx_export_very_very_simple_01

994 r400vgt_vtx_export_very_very_simple_02 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_vtx_export_very_very_simple_02

995 r400vgt_vtx_export_very_very_simple_03 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_vtx_export_very_very_simple_03

996 r400vgt_vtx_export_very_very_simple_04 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_vtx_export_very_very_simple_04

997 r400vgt_vtx_vect_eject_01 00:00:21 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_vtx_vect_eject_01

998 r400vgt_vtx_vector_packing_01 00:00:13 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vgt_vtx_vector_packing_01

999 r400su_4tri_text_offscreen_01 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_4tri_text_offscreen_01

1000 r400su_4trilist_edges_offscreen_01 00:00:10 mkelly PASS mkelly

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\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_4trilist_edges_offscreen_01

 1001 r400su_back_face_fan_01                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_back_face_fan_01

 1002 r400su_baryc_test_01                             00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_baryc_test_01

 1003 r400su_baryc_test_02                             00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_baryc_test_02

 1004 r400su_baryc_test_03                             00:00:45 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_baryc_test_03

 1005 r400su_baryc_test_04                             00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_baryc_test_04

 1006 r400su_baryc_test_05                             00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_baryc_test_05

 1007 r400su_baryc_test_06                             00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_baryc_test_06

 1008 r400su_baryc_test_07                             00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_baryc_test_07

 1009 r400su_baryc_test_08                             00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_baryc_test_08

 1010 r400su_clip_baryc_test_01                        00:00:10 mkelly FAIL
 compare mismatch **
 1011 r400su_clip_baryc_test_02                        00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_clip_baryc_test_02

 1012 r400su_clip_baryc_test_03                        00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_clip_baryc_test_03

 1013 r400su_clip_baryc_test_04                        00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_clip_baryc_test_04

 1014 r400su_clip_baryc_test_05                        00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_clip_baryc_test_05

 1015 r400su_clip_baryc_test_06                        00:00:13 mkelly FAIL
 compare mismatch **
 1016 r400su_clip_baryc_test_07                        00:00:13 mkelly FAIL
 compare mismatch **
 1017 r400su_clip_baryc_test_08                        00:00:13 mkelly PASS    mkelly
```

\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_clip_baryc_test_08

1018 r400su_clip_edgeflag_polymode_01 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_clip_edgeflag_polymode_01

1019 r400su_clip_line_end_cap_functional_01 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_clip_line_end_cap_functional_01

1020 r400su_clip_pointsize_test_01 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_clip_pointsize_test_01

1021 r400su_clip_pointtest_01 00:00:14 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_clip_pointtest_01

1022 r400su_clip_pointtest_02 00:00:14 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_clip_pointtest_02

1023 r400su_clip_pointtest_03 00:00:14 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_clip_pointtest_03

1024 r400su_clip_pointtest_04 00:00:14 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_clip_pointtest_04

1025 r400su_clip_polymode_random_01 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_clip_polymode_random_01

1026 r400su_clip_polymode_random_02 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_clip_polymode_random_02

1027 r400su_clip_polymode_test_01 00:00:17 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_clip_polymode_test_01

1028 r400su_clip_polymode_test_02 00:00:17 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_clip_polymode_test_02

1029 r400su_clip_polymode_test_03 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_clip_polymode_test_03

1030 r400su_clip_provoking_vtx_edgeflags_triangle_01 00:00:18 mkelly FAIL
compare mismatch **
1031 r400su_clip_provoking_vtx_edgeflags_triangle_02 00:00:18 mkelly FAIL
compare mismatch **
1032 r400su_clipline_01 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_clipline_01

1033 r400su_clippoint_01 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_clippoint_01

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 1034 r400su_clipvertexsorting_01                        00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_clipvertexsorting_01

 1035 r400su_clipvertexsorting_02                        00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_clipvertexsorting_02

 1036 r400su_clipvertexsorting_03                        00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_clipvertexsorting_03

 1037 r400su_clipvertexsorting_polymode_01               00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_clipvertexsorting_polymode_01

 1038 r400su_clipvertexsorting_polymode_02               00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_clipvertexsorting_polymode_02

 1039 r400su_clipvertexsortingfunctional_01              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_clipvertexsortingfunctional_01

 1040 r400su_cullingfunctional_01                        00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_cullingfunctional_01

 1041 r400su_degentri_test_01                            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_degentri_test_01

 1042 r400su_degentri_test_02                            00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_degentri_test_02

 1043 r400su_degentri_test_03                            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_degentri_test_03

 1044 r400su_degentri_test_04                            00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_degentri_test_04

 1045 r400su_edge_flag_01                                00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_edge_flag_01

 1046 r400su_edge_flag_02                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_edge_flag_02

 1047 r400su_edgeflags_triangle_01                       00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_edgeflags_triangle_01

 1048 r400su_edgeflags_triangle_02                       00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_edgeflags_triangle_02

 1049 r400su_geom_sort_01                                00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_geom_sort_01
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 1050 r400su_line_clip_end_cap_01                          00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_line_clip_end_cap_01

 1051 r400su_line_clip_end_cap_width_functional_02         00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_line_clip_end_cap_width_function
al_02
 1052 r400su_line_clip_orientation_01                      00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_line_clip_orientation_01

 1053 r400su_line_clip_orientation_02                      00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_line_clip_orientation_02

 1054 r400su_line_clip_x_major_01                          00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_line_clip_x_major_01

 1055 r400su_line_end_cap_functional_01                    00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_line_end_cap_functional_01

 1056 r400su_line_end_cap_width_functional_02              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_line_end_cap_width_functional_02

 1057 r400su_line_orientation_01                           00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_line_orientation_01

 1058 r400su_line_orientation_02                           00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_line_orientation_02

 1059 r400su_line_orientation_dx01_01                      00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_line_orientation_dx01_01

 1060 r400su_line_orientation_dx01_02                      00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_line_orientation_dx01_02

 1061 r400su_line_orientation_dy01_01                      00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_line_orientation_dy01_01

 1062 r400su_line_orientation_dy01_02                      00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_line_orientation_dy01_02

 1063 r400su_line_test_01                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_line_test_01

 1064 r400su_line_test_02                                  00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_line_test_02

 1065 r400su_line_x_major_01                               00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_line_x_major_01
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 1066 r400su_line_x_major_02                              00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_line_x_major_02

 1067 r400su_line_y_major_01                              00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_line_y_major_01

 1068 r400su_line_y_major_02                              00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_line_y_major_02

 1069 r400su_longstrip_01                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_longstrip_01

 1070 r400su_multi_context_01                             00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_multi_context_01

 1071 r400su_multi_prim_01                                00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_multi_prim_01

 1072 r400su_multi_prim_02                                00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_multi_prim_02

 1073 r400su_parallel_orientation_all_01                  00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_parallel_orientation_all_01

 1074 r400su_parallel_orientation_all_02                  00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_parallel_orientation_all_02

 1075 r400su_pc_management_01                             00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_pc_management_01

 1076 r400su_pc_management_02                             00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_pc_management_02

 1077 r400su_pc_management_03                             00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_pc_management_03

 1078 r400su_point_sprite_01                              00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_point_sprite_01

 1079 r400su_point_sprite_02                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_point_sprite_02

 1080 r400su_point_sprite_03                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_point_sprite_03

 1081 r400su_point_sprite_04                              00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_point_sprite_04
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 1082 r400su_point_sprite_05                              00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_point_sprite_05

 1083 r400su_point_sprite_06                              00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_point_sprite_06

 1084 r400su_point_sprite_07                              00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_point_sprite_07

 1085 r400su_point_sprite_08                              00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_point_sprite_08

 1086 r400su_point_sprite_09                              00:00:21 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_point_sprite_09

 1087 r400su_point_w16_h1_functional_01                   00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_point_w16_h1_functional_01

 1088 r400su_point_w1_h16_functional_01                   00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_point_w1_h16_functional_01

 1089 r400su_pointsizepresent_01                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_pointsizepresent_01

 1090 r400su_pointsizepresent_02                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_pointsizepresent_02

 1091 r400su_pointsizepresent_03                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_pointsizepresent_03

 1092 r400su_polymode_culling_face_01                     00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_polymode_culling_face_01

 1093 r400su_polymode_culling_face_02                     00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_polymode_culling_face_02

 1094 r400su_polymode_lines_degen_triangle_01             00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_polymode_lines_degen_triangle_01

 1095 r400su_polymode_lines_degen_triangle_02             00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_polymode_lines_degen_triangle_02

 1096 r400su_polymode_lines_degen_triangle_03             00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_polymode_lines_degen_triangle_03

 1097 r400su_polymode_lines_zero_area_triangle_01         00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_polymode_lines_zero_area_triangl
e_01
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 1098 r400su_polymode_lines_zero_area_triangle_02        00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_polymode_lines_zero_area_triangl
e_02
 1099 r400su_polymode_multi_prim_01                      00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_polymode_multi_prim_01

 1100 r400su_polymode_points_degen_triangle_01           00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_polymode_points_degen_triangle_0
1
 1101 r400su_polymode_points_degen_triangle_02           00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_polymode_points_degen_triangle_0
2
 1102 r400su_polymode_points_zero_area_triangle_01       00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_polymode_points_zero_area_triang
le_01
 1103 r400su_polymode_points_zero_area_triangle_02       00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_polymode_points_zero_area_triang
le_02
 1104 r400su_polymode_rectangle_01                       00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_polymode_rectangle_01

 1105 r400su_polymode_zero_area_triangle_01              00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_polymode_zero_area_triangle_01

 1106 r400su_polymode_zero_area_triangle_02              00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_polymode_zero_area_triangle_02

 1107 r400su_polymode_zero_area_triangle_03              00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_polymode_zero_area_triangle_03

 1108 r400su_polymode_zero_area_triangle_04              00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_polymode_zero_area_triangle_04

 1109 r400su_polymodeculling_01                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_polymodeculling_01

 1110 r400su_polymodefunctional_01                       00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_polymodefunctional_01

 1111 r400su_provok_vtx_polymode_mix_point_lines_01      00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_provok_vtx_polymode_mix_point_li
nes_01
 1112 r400su_provoking_vtx_edgeflags_triangle_01         00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_provoking_vtx_edgeflags_triangle
_01
 1113 r400su_provoking_vtx_edgeflags_triangle_02         00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_provoking_vtx_edgeflags_triangle
_02
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 1114 r400su_provoking_vtx_edgeflags_triangle_03         00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_provoking_vtx_edgeflags_triangle
_03
 1115 r400su_provoking_vtx_edgeflags_triangle_04         00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_provoking_vtx_edgeflags_triangle
_04
 1116 r400su_provoking_vtx_line_01                       00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_provoking_vtx_line_01

 1117 r400su_provoking_vtx_point_01                      00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_provoking_vtx_point_01

 1118 r400su_provoking_vtx_polymode_rectangle_01         00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_provoking_vtx_polymode_rectangle
_01
 1119 r400su_provoking_vtx_rectangle_01                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_provoking_vtx_rectangle_01

 1120 r400su_provoking_vtx_triangle_01                   00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_provoking_vtx_triangle_01

 1121 r400su_rand_line_01                                00:00:21 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_rand_line_01

 1122 r400su_rand_point_01                               00:00:21 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_rand_point_01

 1123 r400su_rand_tri_01                                 00:00:22 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_rand_tri_01

 1124 r400su_rbbm_reg_read                               00:00:05 mkelly FAIL
 gold or cmp file mis
 1125 r400su_rectangle_01                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_rectangle_01

 1126 r400su_rectangle_list_01                           00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_rectangle_list_01

 1127 r400su_simple_register_indirect                    00:00:09 mkelly FAIL
 gold or cmp file mis
 1128 r400su_sliver_01                                   00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_sliver_01

 1129 r400su_stress_01                                   00:02:46 mkelly FAIL
 compare mismatch **
 1130 r400su_stress_02                                   00:01:51 mkelly FAIL
 compare mismatch **
 1131 r400su_stress_03                                   00:01:52 mkelly FAIL
```

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 compare mismatch **
 1132 r400su_triarea_test_01                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_triarea_test_01

 1133 r400su_triarea_test_02                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_triarea_test_02

 1134 r400su_triarea_test_03                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_triarea_test_03

 1135 r400su_triarea_test_04                          00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_triarea_test_04

 1136 r400su_vertexsortingfunctional_01               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_vertexsortingfunctional_01

 1137 r400su_w_grad_test_01                           00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_w_grad_test_01

 1138 r400su_w_grad_test_02                           00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_w_grad_test_02

 1139 r400su_w_grad_test_03                           00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_w_grad_test_03

 1140 r400su_z_grad_test_01                           00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_z_grad_test_01

 1141 r400su_z_grad_test_02                           00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_z_grad_test_02

 1142 r400su_z_grad_test_03                           00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_z_grad_test_03

 1143 r400su_zero_area_test_01                        00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_zero_area_test_01

 1144 r400su_zero_area_test_02                        00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_zero_area_test_02

 1145 r400su_zero_area_test_03                        00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_zero_area_test_03

 1146 r400su_zero_area_test_04                        00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400su_zero_area_test_04

 1147 r400vte_coverage_02                             00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vte_coverage_02
```

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 1148 r400vte_mult_msbs_01                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vte_mult_msbs_01

 1149 r400vte_inf_nan_02                                  00:00:21 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vte_inf_nan_02

 1150 r400vte_many_reciprocals_01                         00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vte_many_reciprocals_01

 1151 r400vte_z_veu_msb_01                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vte_z_veu_msb_01

 1152 r400vte_y_veu_msb_01                                00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vte_y_veu_msb_01

 1153 r400vte_x_veu_msb_01                                00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vte_x_veu_msb_01

 1154 r400vte_inf_nan_01                                  00:00:33 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vte_inf_nan_01

 1155 r400vte_clip_perspective_texture_04                 00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vte_clip_perspective_texture_04

 1156 r400vte_clip_perspective_texture_03                 00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vte_clip_perspective_texture_03

 1157 r400vte_clip_perspective_texture_02                 00:00:19 mkelly FAIL
 compare mismatch **
 1158 r400vte_clip_perspective_texture_01                 00:00:29 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vte_clip_perspective_texture_01

 1159 r400vte_combos_01                                   00:01:00 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vte_combos_01

 1160 r400vte_combos_02                                   00:00:24 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vte_combos_02

 1161 r400vte_combos_03                                   00:00:22 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vte_combos_03

 1162 r400vte_coverage_01                                 00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vte_coverage_01

 1163 r400vte_perf_01                                     00:00:13 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vte_perf_01
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 1164 r400vte_perf_02                                    00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vte_perf_02

 1165 r400vte_perf_03                                    00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vte_perf_03

 1166 r400vte_pos_neg_combo_01                           00:00:35 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vte_pos_neg_combo_01

 1167 r400vte_pos_neg_combo_02                           00:00:34 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vte_pos_neg_combo_02

 1168 r400vte_pos_neg_combo_03                           00:00:36 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vte_pos_neg_combo_03

 1169 r400vte_simple_point_01                            00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vte_simple_point_01

 1170 r400vte_simple_triangle_01                         00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vte_simple_triangle_01

 1171 r400vte_w0_fmt_01                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vte_w0_fmt_01

 1172 r400vte_w0_fmt_02                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vte_w0_fmt_02

 1173 r400vte_w0_fmt_03                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vte_w0_fmt_03

 1174 r400vte_w0_fmt_04                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vte_w0_fmt_04

 1175 r400vte_w0_fmt_05                                  00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vte_w0_fmt_05

 1176 r400vte_w0_fmt_06                                  00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vte_w0_fmt_06

 1177 r400vte_xy_fmt_01                                  00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vte_xy_fmt_01

 1178 r400vte_xy_fmt_02                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vte_xy_fmt_02

 1179 r400vte_xy_fmt_03                                  00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vte_xy_fmt_03
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 1180 r400vte_xyz_scale_01                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vte_xyz_scale_01

 1181 r400vte_xyz_scale_02                                00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vte_xyz_scale_02

 1182 r400vte_z_fmt_01                                    00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vte_z_fmt_01

 1183 r400vte_z_fmt_02                                    00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vte_z_fmt_02

 1184 r400vte_z_fmt_03                                    00:00:13 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vte_z_fmt_03

 1185 r400vte_z_fmt_04                                    00:00:13 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400vte_z_fmt_04

 1186 r400sanity_vfd_texture_sample_01                    00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400sanity_vfd_texture_sample_01

 1187 primlib_1st_tri_june15                              00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/primlib_1st_tri_june15

 1188 primlib_gouraud_tri_1_xyz_vb_1_rgb_vb               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/primlib_gouraud_tri_1_xyz_vb_1_rgb_vb

 1189 primlib_gouraud_triangles_2_draw_passes             00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/primlib_gouraud_triangles_2_draw_passes

 1190 primlib_parameterized_simple_triangle               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/primlib_parameterized_simple_triangle

 1191 primlib_template_simple_triangle                    00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/primlib_template_simple_triangle

 1192 primlib_tex_tri                                     00:00:12 mkelly FAIL
 primlib_tex_tri_001.
 1193 primlib_zbuffer_2tris_03                            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/primlib_zbuffer_2tris_03

 1194 cp_dma_2desc                                        00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_dma_2desc

 1195 cp_dma_interrupt                                    00:00:09 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_dma_interrupt

 1196 cp_dma_m2m_01                                       00:00:10 mkelly PASS    mkelly
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                    \\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_dma_m2m_01

 1197 cp_dma_m2m_02                                  00:00:10 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_dma_m2m_02

 1198 cp_dma_m2m_03                                  00:00:10 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_dma_m2m_03

 1199 cp_dma_m2m_04                                  00:00:10 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_dma_m2m_04

 1200 cp_dma_m2r_01                                  00:00:10 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_dma_m2r_01

 1201 cp_dma_m2r_02                                  00:00:10 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_dma_m2r_02

 1202 cp_dma_m2r_03                                  00:00:10 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_dma_m2r_03

 1203 cp_dma_m2r_04                                  00:00:10 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_dma_m2r_04

 1204 cp_dma_m2r_r2m                                 00:00:10 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_dma_m2r_r2m

 1205 cp_dma_pio_simple                              00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_dma_pio_simple

 1206 cp_dma_pio_stress                              00:00:09 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_dma_pio_stress

 1207 cp_dma_piobm_stress                            00:00:09 mkelly FAIL
 compare mismatch No
 1208 cp_dma_r2m_01                                  00:00:10 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_dma_r2m_01

 1209 cp_dma_r2m_02                                  00:00:10 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_dma_r2m_02

 1210 cp_dma_r2m_03                                  00:00:10 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_dma_r2m_03

 1211 cp_dma_r2m_04                                  00:00:10 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_dma_r2m_04

 1212 cp_dma_r2r_01                                  00:00:09 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_dma_r2r_01
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 1213 cp_dma_r2r_02                                    00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_dma_r2r_02

 1214 cp_dma_r2r_03                                    00:00:09 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_dma_r2r_03

 1215 cp_dma_r2r_r2m                                   00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_dma_r2r_r2m

 1216 cp_dma_r2r_r2m_m2m                               00:00:09 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_dma_r2r_r2m_m2m

 1217 cp_dma_r2r_r2m_m2m_r2m                           00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_dma_r2r_r2m_m2m_r2m

 1218 cp_dma_simple                                    00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_dma_simple

 1219 cp_e2_hostdata_blt_pntr_8888                     00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_e2_hostdata_blt_pntr_8888

 1220 cp_e2_one_blit                                   00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_e2_one_blit

 1221 cp_e2_one_hline                                  00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_e2_one_hline

 1222 cp_e2_one_line                                   00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_e2_one_line

 1223 cp_e2_one_vline                                  00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_e2_one_vline

 1224 cp_e2_polyscanlines                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_e2_polyscanlines

 1225 cp_e2blit_brush_m                                00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_e2blit_brush_m

 1226 cp_e2blit_brush_mt_ropcc                         00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_e2blit_brush_mt_ropcc

 1227 cp_e2blit_brush_mt_ropf0                         00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_e2blit_brush_mt_ropf0

 1228 cp_e2blit_src_8888i                              00:00:27 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_e2blit_src_8888i
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 1229 cp_e2blit_src_8888ii                              00:00:21 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_e2blit_src_8888ii

 1230 cp_e2blit_src_8888iii                             00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_e2blit_src_8888iii

 1231 cp_e2blit_src_8888iv                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_e2blit_src_8888iv

 1232 cp_e2blit_src_8888v                               00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_e2blit_src_8888v

 1233 cp_e2blit_srf_cohr                                00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_e2blit_srf_cohr

 1234 cp_e2brush_8x8clr_565                             00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_e2brush_8x8clr_565

 1235 cp_e2brush_8x8clr_ci8                             00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_e2brush_8x8clr_ci8

 1236 cp_e2brush_8x8mmask_1555                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_e2brush_8x8mmask_1555

 1237 cp_e2brush_8x8mono_ci8                            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_e2brush_8x8mono_ci8

 1238 cp_e2brush_solid                                  00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_e2brush_solid

 1239 cp_e2cache1                                       00:00:13 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_e2cache1

 1240 cp_e2cache2                                       00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_e2cache2

 1241 cp_e2gradfill_565                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_e2gradfill_565

 1242 cp_e2gradfill_1555                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_e2gradfill_1555

 1243 cp_e2gradfill_8888                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_e2gradfill_8888

 1244 cp_e2gradfill_horizontal                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_e2gradfill_horizontal
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 1245 cp_e2gradfill_triangle                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_e2gradfill_triangle

 1246 cp_e2gradfill_vertical                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_e2gradfill_vertical

 1247 cp_e2hostdata_blt2_565                          00:00:22 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_e2hostdata_blt2_565

 1248 cp_e2hostdata_blt2_1555                         00:00:22 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_e2hostdata_blt2_1555

 1249 cp_e2hostdata_blt2_8888                         00:00:34 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_e2hostdata_blt2_8888

 1250 cp_e2hostdata_blt2_ci8                          00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_e2hostdata_blt2_ci8

 1251 cp_e2hostdata_blt_565                           00:00:26 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_e2hostdata_blt_565

 1252 cp_e2hostdata_blt_1555                          00:00:26 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_e2hostdata_blt_1555

 1253 cp_e2hostdata_blt_8888                          00:00:42 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_e2hostdata_blt_8888

 1254 cp_e2hostdata_blt_ci8                           00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_e2hostdata_blt_ci8

 1255 cp_e2hostdata_blt_drv1                          00:00:25 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_e2hostdata_blt_drv1

 1256 cp_e2hostdata_blt_pntr_565                      00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_e2hostdata_blt_pntr_565

 1257 cp_e2hostdata_blt_pntr_1555                     00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_e2hostdata_blt_pntr_1555

 1258 cp_e2hostdata_blt_pntr_ci8                      00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_e2hostdata_blt_pntr_ci8

 1259 cp_e2hostdata_byte_srcload                      00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_e2hostdata_byte_srcload

 1260 cp_e2line_max                                   00:04:16 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_e2line_max
```

```
 1261 cp_e2line_patcount_poly                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_e2line_patcount_poly

 1262 cp_e2lines                                           00:00:16 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_e2lines

 1263 cp_e2load_palette                                    00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_e2load_palette

 1264 cp_e2nextchar_565                                    00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_e2nextchar_565

 1265 cp_e2nextchar_1555                                   00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_e2nextchar_1555

 1266 cp_e2nextchar_8888                                   00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_e2nextchar_8888

 1267 cp_e2nextchar_ci8                                    00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_e2nextchar_ci8

 1268 cp_e2paint_565                                       00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_e2paint_565

 1269 cp_e2paint_8888                                      00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_e2paint_8888

 1270 cp_e2paint_multi                                     00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_e2paint_multi

 1271 cp_e2perf_2d_04_vector                               00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_e2perf_2d_04_vector

 1272 cp_e2perf_ptrnfil                                    00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_e2perf_ptrnfil

 1273 cp_e2ply_nextscan                                    00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_e2ply_nextscan

 1274 cp_e2polyscanlines_brush                             00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_e2polyscanlines_brush

 1275 cp_e2polyscanlines_brush_mt                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_e2polyscanlines_brush_mt

 1276 cp_e2rop                                             00:00:13 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_e2rop
```

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 1277 cp_e2set_scissors                                  00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_e2set_scissors

 1278 cp_e2smalltext                                     00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_e2smalltext

 1279 cp_e2smalltext_jc1                                 00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_e2smalltext_jc1

 1280 cp_e2smalltext_jc2                                 00:04:05 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_e2smalltext_jc2

 1281 cp_e2smalltext_max                                 00:01:58 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_e2smalltext_max

 1282 cp_e2smalltext_neg                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_e2smalltext_neg

 1283 cp_e2trans_bitblt                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_e2trans_bitblt

 1284 cp_rb_dst_blit_01                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_rb_dst_blit_01

 1285 cp_rb_dst_blit_agp_01                              00:00:11 mkelly FAIL
 compare mismatch
 1286 cp_rb_dst_blit_brush_01                            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_rb_dst_blit_brush_01

 1287 cp_rb_dst_blit_brush_02                            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_rb_dst_blit_brush_02

 1288 cp_rb_dst_blit_brush_03                            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_rb_dst_blit_brush_03

 1289 cp_rb_dst_blit_brush_04                            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_rb_dst_blit_brush_04

 1290 cp_rb_dst_blit_brush_05                            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_rb_dst_blit_brush_05

 1291 cp_rb_dst_blit_brush_565_01                        00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_rb_dst_blit_brush_565_01

 1292 cp_rb_dst_blit_brush_agp_01                        00:00:11 mkelly FAIL
 compare mismatch
 1293 cp_rb_dst_blit_brush_agp_05                        00:00:10 mkelly FAIL
```

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 compare mismatch
 1294 cp_rb_dst_blit_brush_ci8_01                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_rb_dst_blit_brush_ci8_01

 1295 cp_rb_dst_blit_rop_01                                00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_rb_dst_blit_rop_01

 1296 cp_rb_dst_blit_rop_02                                00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_rb_dst_blit_rop_02

 1297 cp_rb_dst_blit_rop_03                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_rb_dst_blit_rop_03

 1298 cp_rb_dst_blit_rop_04                                00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_rb_dst_blit_rop_04

 1299 cp_rb_dst_blit_rop_05                                00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_rb_dst_blit_rop_05

 1300 cp_rb_dst_blit_rop_06                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_rb_dst_blit_rop_06

 1301 cp_rb_dst_blit_rop_07                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_rb_dst_blit_rop_07

 1302 cp_rb_dst_blit_rop_agp_01                            00:00:16 mkelly FAIL
 compare mismatch
 1303 cp_rb_dst_blit_rop_agp_04                            00:00:12 mkelly FAIL
 compare mismatch
 1304 cp_rb_dst_blit_rop_agp_07                            00:00:12 mkelly FAIL
 compare mismatch
 1305 cp_rb_dst_clr_cmp_01                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_rb_dst_clr_cmp_01

 1306 cp_rb_dst_clr_cmp_02                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_rb_dst_clr_cmp_02

 1307 cp_rb_dst_clr_cmp_03                                 00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_rb_dst_clr_cmp_03

 1308 cp_rb_dst_clr_cmp_agp_01                             00:00:11 mkelly FAIL
 compare mismatch
 1309 cp_rb_dst_clr_cmp_msk_01                             00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_rb_dst_clr_cmp_msk_01

 1310 cp_rb_dst_clr_cmp_rops_01                            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_rb_dst_clr_cmp_rops_01
```

```
 1311 cp_rb_dst_clr_cmp_rops_02                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_rb_dst_clr_cmp_rops_02

 1312 cp_rb_dst_clr_cmp_rops_03                          00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_rb_dst_clr_cmp_rops_03

 1313 cp_rb_dst_line_01                                  00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_rb_dst_line_01

 1314 cp_rb_dst_line_brush_01                            00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_rb_dst_line_brush_01

 1315 cp_rb_dst_line_brush_02                            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_rb_dst_line_brush_02

 1316 cp_rb_dst_line_brush_03                            00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_rb_dst_line_brush_03

 1317 cp_rb_dst_line_brush_agp_01                        00:00:11 mkelly FAIL
 compare mismatch
 1318 cp_rb_dstcache_aflush_2d_01                        00:02:30 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_rb_dstcache_aflush_2d_01

 1319 cp_rb_dstcache_aflush_2d_agp_01                    00:02:28 mkelly FAIL
 compare mismatch
 1320 cp_rb_dstcache_fillflush_2d_01                     00:00:54 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_rb_dstcache_fillflush_2d_01

 1321 cp_rb_dstcache_rmw_2d_01                           00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_rb_dstcache_rmw_2d_01

 1322 cp_rb_dstcache_rmw_2d_agp_01                       00:00:17 mkelly FAIL
 compare mismatch
 1323 cp_im_load_indirect                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_im_load_indirect

 1324 cp_queue_avail_01                                  00:00:10 mkelly FAIL
 compare mismatch No
 1325 cp_queue_avail_02                                  00:00:10 mkelly FAIL
 compare mismatch No
 1326 cp_queue_avail_03                                  00:00:10 mkelly FAIL
 compare mismatch No
 1327 cp_queue_avail_04                                  00:00:10 mkelly FAIL
 compare mismatch No
 1328 cp_queue_avail_05                                  00:00:10 mkelly FAIL
 compare mismatch No
 1329 cp_queue_avail_06                                  00:00:10 mkelly FAIL
 compare mismatch No
```

```
 1330 cp_queue_avail_07                                  00:00:09 mkelly FAIL
 compare mismatch No
 1331 cp_push_aper_indirect1                             00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_push_aper_indirect1

 1332 cp_push_aper_primary                               00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_push_aper_primary

 1333 cp_simple_triangle                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/cp_simple_triangle

 1334 e2_bbll                                            00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2_bbll

 1335 e2_bbll_565                                        00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2_bbll_565

 1336 e2_bbll_1555                                       00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2_bbll_1555

 1337 e2_bbll_ci8                                        00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2_bbll_ci8

 1338 e2_blbl                                            00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2_blbl

 1339 e2_blbl_565                                        00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2_blbl_565

 1340 e2_blbl_1555                                       00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2_blbl_1555

 1341 e2_blbl_ci8                                        00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2_blbl_ci8

 1342 e2_blit_busy                                       00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2_blit_busy

 1343 e2_blit_lines                                      00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2_blit_lines

 1344 e2_blit_sync_565                                   00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2_blit_sync_565

 1345 e2_dstaddr                                         00:00:14 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2_dstaddr

 1346 e2_lblb                                            00:00:11 mkelly PASS    mkelly
```

\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2_lblb

1347 e2_lblb_wh 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2_lblb_wh

1348 e2_line_busy 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2_line_busy

1349 e2_llbb 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2_llbb

1350 e2_many_lines 00:00:16 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2_many_lines

1351 e2_many_lines_2x4 00:00:17 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2_many_lines_2x4

1352 e2_many_lines_2x4_mask 00:00:17 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2_many_lines_2x4_mask

1353 e2_many_lines_4x4 00:00:17 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2_many_lines_4x4

1354 e2_many_lines_4x4_mask 00:00:16 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2_many_lines_4x4_mask

1355 e2_many_lines_4x8 00:00:16 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2_many_lines_4x8

1356 e2_many_lines_4x8_mask 00:00:17 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2_many_lines_4x8_mask

1357 e2_many_lines_mask 00:00:17 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2_many_lines_mask

1358 e2_many_lines_pat 00:00:17 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2_many_lines_pat

1359 e2_many_lines_w9x 00:00:17 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2_many_lines_w9x

1360 e2_offset_pitch 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2_offset_pitch

1361 e2_offset_pitch_16byte 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2_offset_pitch_16byte

1362 e2_one_blit 00:00:10 mkelly PASS mkelly

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                    \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2_one_blit

 1363 e2_one_line                                    00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2_one_line

 1364 e2_partial_add                                 00:00:10 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2_partial_add

 1365 e2_pm4_blit_64x64                              00:00:11 mkelly FAIL
 compare mismatch
 1366 e2_pm4_blit_128x128                            00:00:12 mkelly FAIL
 compare mismatch
 1367 e2_pm4_blit_256x256                            00:00:19 mkelly FAIL
 compare mismatch
 1368 e2_simple2d                                    00:00:13 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2_simple2d

 1369 e2_write_256b                                  00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2_write_256b

 1370 e2blit_3noshft_565                             00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_3noshft_565

 1371 e2blit_3noshft_1555                            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_3noshft_1555

 1372 e2blit_3noshft_8888                            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_3noshft_8888

 1373 e2blit_3noshft_ci8                             00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_3noshft_ci8

 1374 e2blit_3shftL_565                              00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_3shftL_565

 1375 e2blit_3shftL_1555                             00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_3shftL_1555

 1376 e2blit_3shftL_8888                             00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_3shftL_8888

 1377 e2blit_3shftL_ci8                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_3shftL_ci8

 1378 e2blit_3shftR_565                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_3shftR_565

 1379 e2blit_3shftR_1555                             00:00:10 mkelly PASS    mkelly
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\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_3shftR_1555

 1380 e2blit_3shftR_8888                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_3shftR_8888

 1381 e2blit_3shftR_ci8                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_3shftR_ci8

 1382 e2blit_640x5_8888                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_640x5_8888

 1383 e2blit_agp2agp                                    00:00:12 mkelly FAIL
 cmp file missing
 1384 e2blit_agp2fb                                     00:00:11 mkelly FAIL
 compare mismatch
 1385 e2blit_agp2fb_big                                 00:00:12 mkelly FAIL
 compare mismatch
 1386 e2blit_agp2fb_big2                                00:00:12 mkelly FAIL
 compare mismatch
 1387 e2blit_beyondframe                                00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_beyondframe

 1388 e2blit_clut32_8888                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_clut32_8888

 1389 e2blit_clut32_8888_lines                          00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_clut32_8888_lines

 1390 e2blit_clut_565                                   00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_clut_565

 1391 e2blit_clut_565_2                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_clut_565_2

 1392 e2blit_clut_565all                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_clut_565all

 1393 e2blit_clut_565indx                               00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_clut_565indx

 1394 e2blit_clut_8888                                  00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_clut_8888

 1395 e2blit_fb2agp_big                                 00:00:12 mkelly FAIL
 cmp file missing
 1396 e2blit_fb2agp_big_2                               00:00:12 mkelly FAIL
 cmp file missing
 1397 e2blit_host2agp                                   00:00:43 mkelly FAIL
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```
 cmp file missing
 1398 e2blit_host128_565_00                              00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_host128_565_00

 1399 e2blit_host128_565_00_wide                         00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_host128_565_00_wide

 1400 e2blit_host128_565_01                              00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_host128_565_01

 1401 e2blit_host128_565_01_wide                         00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_host128_565_01_wide

 1402 e2blit_host128_565_02                              00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_host128_565_02

 1403 e2blit_host128_565_02_wide                         00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_host128_565_02_wide

 1404 e2blit_host128_565_03                              00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_host128_565_03

 1405 e2blit_host128_565_03_wide                         00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_host128_565_03_wide

 1406 e2blit_host128_565_mono                            00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_host128_565_mono

 1407 e2blit_host128_8888_00                             00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_host128_8888_00

 1408 e2blit_host128_8888_01                             00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_host128_8888_01

 1409 e2blit_host128_8888_02                             00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_host128_8888_02

 1410 e2blit_host128_8888_03                             00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_host128_8888_03

 1411 e2blit_host128_8888_mono                           00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_host128_8888_mono

 1412 e2blit_host128_ci8_00                              00:00:40 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_host128_ci8_00

 1413 e2blit_host128_ci8_01                              00:00:39 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_host128_ci8_01
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 1414 e2blit_host128_ci8_02                              00:00:39 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_host128_ci8_02

 1415 e2blit_host128_ci8_03                              00:00:39 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_host128_ci8_03

 1416 e2blit_host128_ci8_mono                            00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_host128_ci8_mono

 1417 e2blit_host_1to8_00                                00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_host_1to8_00

 1418 e2blit_host_1to8_01                                00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_host_1to8_01

 1419 e2blit_host_1to8_02                                00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_host_1to8_02

 1420 e2blit_host_1to8_04                                00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_host_1to8_04

 1421 e2blit_host_1to8_04_lines                          00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_host_1to8_04_lines

 1422 e2blit_host_1to8_05                                00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_host_1to8_05

 1423 e2blit_host_1to8_06                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_host_1to8_06

 1424 e2blit_host_1to8_07                                00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_host_1to8_07

 1425 e2blit_host_1to8_08                                00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_host_1to8_08

 1426 e2blit_host_1to8_09                                00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_host_1to8_09

 1427 e2blit_host_1to8_10                                00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_host_1to8_10

 1428 e2blit_host_1to8_11                                00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_host_1to8_11

 1429 e2blit_host_1to8mask_01                            00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_host_1to8mask_01
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 1430 e2blit_host_1to8mask_03                          00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_host_1to8mask_03

 1431 e2blit_host_1to8mask_09                          00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_host_1to8mask_09

 1432 e2blit_host_1to8mask_10                          00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_host_1to8mask_10

 1433 e2blit_host_1to8mask_10_lines                    00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_host_1to8mask_10_lines

 1434 e2blit_host_1to16_00                             00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_host_1to16_00

 1435 e2blit_host_1to16_01                             00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_host_1to16_01

 1436 e2blit_host_1to16_02                             00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_host_1to16_02

 1437 e2blit_host_1to16_03                             00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_host_1to16_03

 1438 e2blit_host_1to16_04                             00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_host_1to16_04

 1439 e2blit_host_1to16_05                             00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_host_1to16_05

 1440 e2blit_host_1to16_06                             00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_host_1to16_06

 1441 e2blit_host_1to16_07                             00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_host_1to16_07

 1442 e2blit_host_100x100_8888                         00:00:43 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_host_100x100_8888

 1443 e2blit_host_pm4_100x100_8888                     00:00:43 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_host_pm4_100x100_8888

 1444 e2blit_hostdest_1555                             00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_hostdest_1555

 1445 e2blit_hostdest_1555_lines                       00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_hostdest_1555_lines
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 1446 e2blit_hostdest_8888                                00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_hostdest_8888

 1447 e2blit_hostdest_ci8                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_hostdest_ci8

 1448 e2blit_hostmono                                     00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_hostmono

 1449 e2blit_hostmonow                                    00:00:16 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_hostmonow

 1450 e2blit_noshft_565                                   00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_noshft_565

 1451 e2blit_noshft_1555                                  00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_noshft_1555

 1452 e2blit_noshft_8888                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_noshft_8888

 1453 e2blit_noshft_ci8                                   00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_noshft_ci8

 1454 e2blit_offscreen                                    00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_offscreen

 1455 e2blit_offset_565                                   00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_offset_565

 1456 e2blit_offset_1555                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_offset_1555

 1457 e2blit_offset_8888                                  00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_offset_8888

 1458 e2blit_offset_ci8                                   00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_offset_ci8

 1459 e2blit_pitch_565                                    00:00:12 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_pitch_565

 1460 e2blit_pitch_1555                                   00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_pitch_1555

 1461 e2blit_pitch_8888                                   00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_pitch_8888
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 1462 e2blit_pix_order_565                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_pix_order_565

 1463 e2blit_pix_order_1555                               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_pix_order_1555

 1464 e2blit_pix_order_8888                               00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_pix_order_8888

 1465 e2blit_pix_order_ci8                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_pix_order_ci8

 1466 e2blit_qdrnt_cc                                     00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_qdrnt_cc

 1467 e2blit_qdrnt_cc_565                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_qdrnt_cc_565

 1468 e2blit_qdrnt_cc_1555                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_qdrnt_cc_1555

 1469 e2blit_qdrnt_cc_ci8                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_qdrnt_cc_ci8

 1470 e2blit_raster_order                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_raster_order

 1471 e2blit_raster_orderb                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_raster_orderb

 1472 e2blit_shftL_565                                    00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_shftL_565

 1473 e2blit_shftL_1555                                   00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_shftL_1555

 1474 e2blit_shftL_8888                                   00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_shftL_8888

 1475 e2blit_shftL_ci8                                    00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_shftL_ci8

 1476 e2blit_shftR_565                                    00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_shftR_565

 1477 e2blit_shftR_1555                                   00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_shftR_1555
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 1478 e2blit_shftR_8888                                  00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_shftR_8888

 1479 e2blit_shftR_ci8                                   00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_shftR_ci8

 1480 e2blit_src_565                                     00:00:26 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_src_565

 1481 e2blit_src_565a                                    00:00:21 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_src_565a

 1482 e2blit_src_565b                                    00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_src_565b

 1483 e2blit_src_565c                                    00:00:13 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_src_565c

 1484 e2blit_src_8888                                    00:00:20 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_src_8888

 1485 e2blit_src_8888_sdest                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_src_8888_sdest

 1486 e2blit_src_8888_smono                              00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_src_8888_smono

 1487 e2blit_src_8888a                                   00:00:15 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_src_8888a

 1488 e2blit_src_8888b                                   00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_src_8888b

 1489 e2blit_src_8888d                                   00:00:12 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_src_8888d

 1490 e2blit_src_ci8                                     00:00:18 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_src_ci8

 1491 e2blit_src_ci8_smono                               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_src_ci8_smono

 1492 e2blit_src_ci8_smonom                              00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_src_ci8_smonom

 1493 e2blit_src_ci8a                                    00:00:14 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_src_ci8a
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 1494 e2blit_src_ci8b                                    00:00:14 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_src_ci8b

 1495 e2blit_walk_565                                    00:00:15 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_walk_565

 1496 e2blit_walk_1555                                   00:00:13 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_walk_1555

 1497 e2blit_walk_8888                                   00:00:12 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_walk_8888

 1498 e2blit_walk_ci8                                    00:00:12 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_walk_ci8

 1499 e2blit_walk_srcdst                                 00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_walk_srcdst

 1500 e2blit_wh_8888                                     00:00:12 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blit_wh_8888

 1501 e2blits_565                                        00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2blits_565

 1502 e2brush                                            00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2brush

 1503 e2brush_8x8clr                                     00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2brush_8x8clr

 1504 e2brush_8x8clr_565                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2brush_8x8clr_565

 1505 e2brush_8x8clr_1555                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2brush_8x8clr_1555

 1506 e2brush_8x8clr_ci8                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2brush_8x8clr_ci8

 1507 e2brush_8x8mmask                                   00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2brush_8x8mmask

 1508 e2brush_8x8mmask_565                               00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2brush_8x8mmask_565

 1509 e2brush_8x8mmask_1555                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2brush_8x8mmask_1555
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 1510 e2brush_8x8mmask_ci8                                  00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2brush_8x8mmask_ci8

 1511 e2brush_8x8mono                                       00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2brush_8x8mono

 1512 e2brush_8x8mono_565                                   00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2brush_8x8mono_565

 1513 e2brush_8x8mono_1555                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2brush_8x8mono_1555

 1514 e2brush_8x8mono_ci8                                   00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2brush_8x8mono_ci8

 1515 e2brush_32x1line                                      00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2brush_32x1line

 1516 e2brush_32x1line_565                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2brush_32x1line_565

 1517 e2brush_32x1line_1555                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2brush_32x1line_1555

 1518 e2brush_32x1line_ci8                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2brush_32x1line_ci8

 1519 e2brush_32x1linemask                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2brush_32x1linemask

 1520 e2brush_32x1linemask_565                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2brush_32x1linemask_565

 1521 e2brush_32x1linemask_1555                             00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2brush_32x1linemask_1555

 1522 e2brush_32x1linemask_ci8                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2brush_32x1linemask_ci8

 1523 e2brush_565                                           00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2brush_565

 1524 e2brush_1555                                          00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2brush_1555

 1525 e2brush_address                                       00:00:14 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2brush_address
```

```
 1526 e2brush_address_565                                00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2brush_address_565

 1527 e2brush_address_1555                               00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2brush_address_1555

 1528 e2brush_address_ci8                                00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2brush_address_ci8

 1529 e2brush_ci8                                        00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2brush_ci8

 1530 e2brush_solid                                      00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2brush_solid

 1531 e2brush_solid_565                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2brush_solid_565

 1532 e2brush_solid_1555                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2brush_solid_1555

 1533 e2brush_solid_ci8                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2brush_solid_ci8

 1534 e2brush_solidline                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2brush_solidline

 1535 e2brush_solidline_565                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2brush_solidline_565

 1536 e2brush_solidline_1555                             00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2brush_solidline_1555

 1537 e2brush_solidline_ci8                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2brush_solidline_ci8

 1538 e2cache1                                           00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2cache1

 1539 e2cache2                                           00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2cache2

 1540 e2cache4                                           00:00:17 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2cache4

 1541 e2cache5                                           00:00:14 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2cache5
```

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1542 e2cache6                                          00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2cache6

1543 e2cache7                                          00:00:12 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2cache7

1544 e2cache8                                          00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2cache8

1545 e2dst_scssr_565                                   00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2dst_scssr_565

1546 e2dst_scssr_1555                                  00:00:10 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2dst_scssr_1555

1547 e2dst_scssr_8888                                  00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2dst_scssr_8888

1548 e2dst_scssr_ci8                                   00:00:10 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2dst_scssr_ci8

1549 e2endian_fb                                       00:00:14 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2endian_fb

1550 e2endian_agp                                      00:00:13 mkelly FAIL
compare mismatch
1551 e2endian_host                                     00:00:16 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2endian_host

1552 e2lilblit                                         00:00:10 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2lilblit

1553 e2lilblit_line                                    00:00:10 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2lilblit_line

1554 e2line_box                                        00:00:10 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2line_box

1555 e2line_bridgeB                                    00:00:10 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2line_bridgeB

1556 e2line_bridgeBL                                   00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2line_bridgeBL

1557 e2line_bridgeBR                                   00:00:10 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2line_bridgeBR
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 1558 e2line_bridgeL                                    00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2line_bridgeL

 1559 e2line_bridgeLRTB                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2line_bridgeLRTB

 1560 e2line_bridgeR                                    00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2line_bridgeR

 1561 e2line_bridgeT                                    00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2line_bridgeT

 1562 e2line_bridgeTL                                   00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2line_bridgeTL

 1563 e2line_bridgeTR                                   00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2line_bridgeTR

 1564 e2line_hori565                                    00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2line_hori565

 1565 e2line_hori1555                                   00:00:12 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2line_hori1555

 1566 e2line_hori8888                                   00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2line_hori8888

 1567 e2line_horici8                                    00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2line_horici8

 1568 e2line_horishort565                               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2line_horishort565

 1569 e2line_horishort1555                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2line_horishort1555

 1570 e2line_horishort8888                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2line_horishort8888

 1571 e2line_horishortci8                               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2line_horishortci8

 1572 e2line_nobridge                                   00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2line_nobridge

 1573 e2line_offscreen                                  00:00:12 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2line_offscreen
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 1574 e2line_patcount                                    00:00:12 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2line_patcount

 1575 e2line_patcount_565                                00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2line_patcount_565

 1576 e2line_patcount_1555                               00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2line_patcount_1555

 1577 e2line_patcount_ci8                                00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2line_patcount_ci8

 1578 e2line_patcount_poly_565                           00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2line_patcount_poly_565

 1579 e2line_patcount_poly_ci8                           00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2line_patcount_poly_ci8

 1580 e2line_ptrn                                        00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2line_ptrn

 1581 e2line_ptrnplaid                                   00:00:12 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2line_ptrnplaid

 1582 e2line_star                                        00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2line_star

 1583 e2line_vert565                                     00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2line_vert565

 1584 e2line_vert1555                                    00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2line_vert1555

 1585 e2line_vert8888                                    00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2line_vert8888

 1586 e2line_vertci8                                     00:00:12 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2line_vertci8

 1587 e2line_vertshort565                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2line_vertshort565

 1588 e2line_vertshort1555                               00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2line_vertshort1555

 1589 e2line_vertshort8888                               00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2line_vertshort8888
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 1590 e2line_vertshortci8                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2line_vertshortci8

 1591 e2line_zeropixel                                     00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2line_zeropixel

 1592 e2max_values_height                                  00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2max_values_height

 1593 e2max_values_offset                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2max_values_offset

 1594 e2max_values_width                                   00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2max_values_width

 1595 e2max_values_xy                                      00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2max_values_xy

 1596 e2rop_00_0f                                          00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2rop_00_0f

 1597 e2rop_10_1f                                          00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2rop_10_1f

 1598 e2rop_20_2f                                          00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2rop_20_2f

 1599 e2rop_30_3f                                          00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2rop_30_3f

 1600 e2rop_40_4f                                          00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2rop_40_4f

 1601 e2rop_50_5f                                          00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2rop_50_5f

 1602 e2rop_60_6f                                          00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2rop_60_6f

 1603 e2rop_70_7f                                          00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2rop_70_7f

 1604 e2rop_80_8f                                          00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2rop_80_8f

 1605 e2rop_90_9f                                          00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2rop_90_9f
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 1606 e2rop_a0_af                                        00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2rop_a0_af

 1607 e2rop_b0_bf                                        00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2rop_b0_bf

 1608 e2rop_c0_cf                                        00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2rop_c0_cf

 1609 e2rop_d0_df                                        00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2rop_d0_df

 1610 e2rop_e0_ef                                        00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2rop_e0_ef

 1611 e2rop_f0_ff                                        00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2rop_f0_ff

 1612 e2scssr_flipped_blits_8888                         00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2scssr_flipped_blits_8888

 1613 e2scssr_flipped_lines                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2scssr_flipped_lines

 1614 e2scssr_none_565                                   00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2scssr_none_565

 1615 e2scssr_none_1555                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2scssr_none_1555

 1616 e2scssr_none_8888                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2scssr_none_8888

 1617 e2scssr_none_ci8                                   00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2scssr_none_ci8

 1618 e2scssr_within_565                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2scssr_within_565

 1619 e2scssr_within_1555                                00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2scssr_within_1555

 1620 e2scssr_within_8888                                00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2scssr_within_8888

 1621 e2scssr_within_ci8                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2scssr_within_ci8
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1622 e2scssrB_565                                    00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2scssrB_565

1623 e2scssrB_1555                                   00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2scssrB_1555

1624 e2scssrB_8888                                   00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2scssrB_8888

1625 e2scssrB_ci8                                    00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2scssrB_ci8

1626 e2scssrBL_565                                   00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2scssrBL_565

1627 e2scssrBL_1555                                  00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2scssrBL_1555

1628 e2scssrBL_8888                                  00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2scssrBL_8888

1629 e2scssrBL_ci8                                   00:00:10 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2scssrBL_ci8

1630 e2scssrBR_565                                   00:00:10 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2scssrBR_565

1631 e2scssrBR_1555                                  00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2scssrBR_1555

1632 e2scssrBR_8888                                  00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2scssrBR_8888

1633 e2scssrBR_ci8                                   00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2scssrBR_ci8

1634 e2scssrL_565                                    00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2scssrL_565

1635 e2scssrL_1555                                   00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2scssrL_1555

1636 e2scssrL_8888                                   00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2scssrL_8888

1637 e2scssrL_ci8                                    00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2scssrL_ci8
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1638 e2scssrLRTB_565                                    00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2scssrLRTB_565

1639 e2scssrLRTB_1555                                   00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2scssrLRTB_1555

1640 e2scssrLRTB_8888                                   00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2scssrLRTB_8888

1641 e2scssrLRTB_ci8                                    00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2scssrLRTB_ci8

1642 e2scssrR_565                                       00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2scssrR_565

1643 e2scssrR_1555                                      00:00:10 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2scssrR_1555

1644 e2scssrR_8888                                      00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2scssrR_8888

1645 e2scssrR_ci8                                       00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2scssrR_ci8

1646 e2scssrT_565                                       00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2scssrT_565

1647 e2scssrT_1555                                      00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2scssrT_1555

1648 e2scssrT_8888                                      00:00:10 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2scssrT_8888

1649 e2scssrT_ci8                                       00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2scssrT_ci8

1650 e2scssrTL_565                                      00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2scssrTL_565

1651 e2scssrTL_1555                                     00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2scssrTL_1555

1652 e2scssrTL_8888                                     00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2scssrTL_8888

1653 e2scssrTL_ci8                                      00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2scssrTL_ci8
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 1654 e2scssrTR_565                                    00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2scssrTR_565

 1655 e2scssrTR_1555                                   00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2scssrTR_1555

 1656 e2scssrTR_8888                                   00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2scssrTR_8888

 1657 e2scssrTR_ci8                                    00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2scssrTR_ci8

 1658 e2src_scssrB                                     00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2src_scssrB

 1659 e2src_scssrB_565                                 00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2src_scssrB_565

 1660 e2src_scssrB_1555                                00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2src_scssrB_1555

 1661 e2src_scssrB_ci8                                 00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2src_scssrB_ci8

 1662 e2src_scssrBR                                    00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2src_scssrBR

 1663 e2src_scssrBR_565                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2src_scssrBR_565

 1664 e2src_scssrBR_1555                               00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2src_scssrBR_1555

 1665 e2src_scssrBR_ci8                                00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2src_scssrBR_ci8

 1666 e2src_scssrR                                     00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2src_scssrR

 1667 e2src_scssrR_565                                 00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2src_scssrR_565

 1668 e2src_scssrR_1555                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2src_scssrR_1555

 1669 e2src_scssrR_ci8                                 00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2src_scssrR_ci8
```

```
 1670 e2srcsc_565                                    00:00:12 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2srcsc_565

 1671 e2srcsc_8888                                   00:00:12 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2srcsc_8888

 1672 e2srcsc_ci8                                    00:00:12 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030204161724/e2srcsc_ci8

 1673 r400cp_2drotdst_hbl                            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cp_2drotdst_hbl

 1674 r400cp_2drotdst_hbr                            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cp_2drotdst_hbr

 1675 r400cp_2drotdst_htl                            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cp_2drotdst_htl

 1676 r400cp_2drotdst_htr                            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cp_2drotdst_htr

 1677 r400cp_2drotdst_vbl                            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cp_2drotdst_vbl

 1678 r400cp_2drotdst_vbr                            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cp_2drotdst_vbr

 1679 r400cp_2drotdst_vtl                            00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cp_2drotdst_vtl

 1680 r400cp_2drotdst_vtr                            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cp_2drotdst_vtr

 1681 r400cp_2drotdst_host                           00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cp_2drotdst_host

 1682 r400cp_2drotsrc_eqofst                         00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cp_2drotsrc_eqofst

 1683 r400cp_2drotsrc_neqofst                        00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cp_2drotsrc_neqofst

 1684 r400cp_2drotdst_1555                           00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cp_2drotdst_1555

 1685 r400cp_2drotdst_565                            00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cp_2drotdst_565
```

```
 1686 r400cp_2dalphablend_sb                              00:00:26 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cp_2dalphablend_sb

 1687 r400cp_2dalphablend_sb_1555                         00:00:26 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cp_2dalphablend_sb_1555

 1688 r400cp_2dalphablend_sb_565                          00:00:26 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cp_2dalphablend_sb_565

 1689 r400cp_2dalphablend_abc                             00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cp_2dalphablend_abc

 1690 r400cp_2dalphablend_abs                             00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cp_2dalphablend_abs

 1691 r400cp_2dalphablend_abb                             00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cp_2dalphablend_abb

 1692 r400cp_2dalphablend_8888                            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cp_2dalphablend_8888

 1693 r400cp_2dalphablend_1555                            00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cp_2dalphablend_1555

 1694 r400cp_2dalphablend_565                             00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cp_2dalphablend_565

 1695 r400cp_2daafont_bgnd                                00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cp_2daafont_bgnd

 1696 r400cp_2daafont_dst                                 00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cp_2daafont_dst

 1697 r400cp_2daafont_1555                                00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cp_2daafont_1555

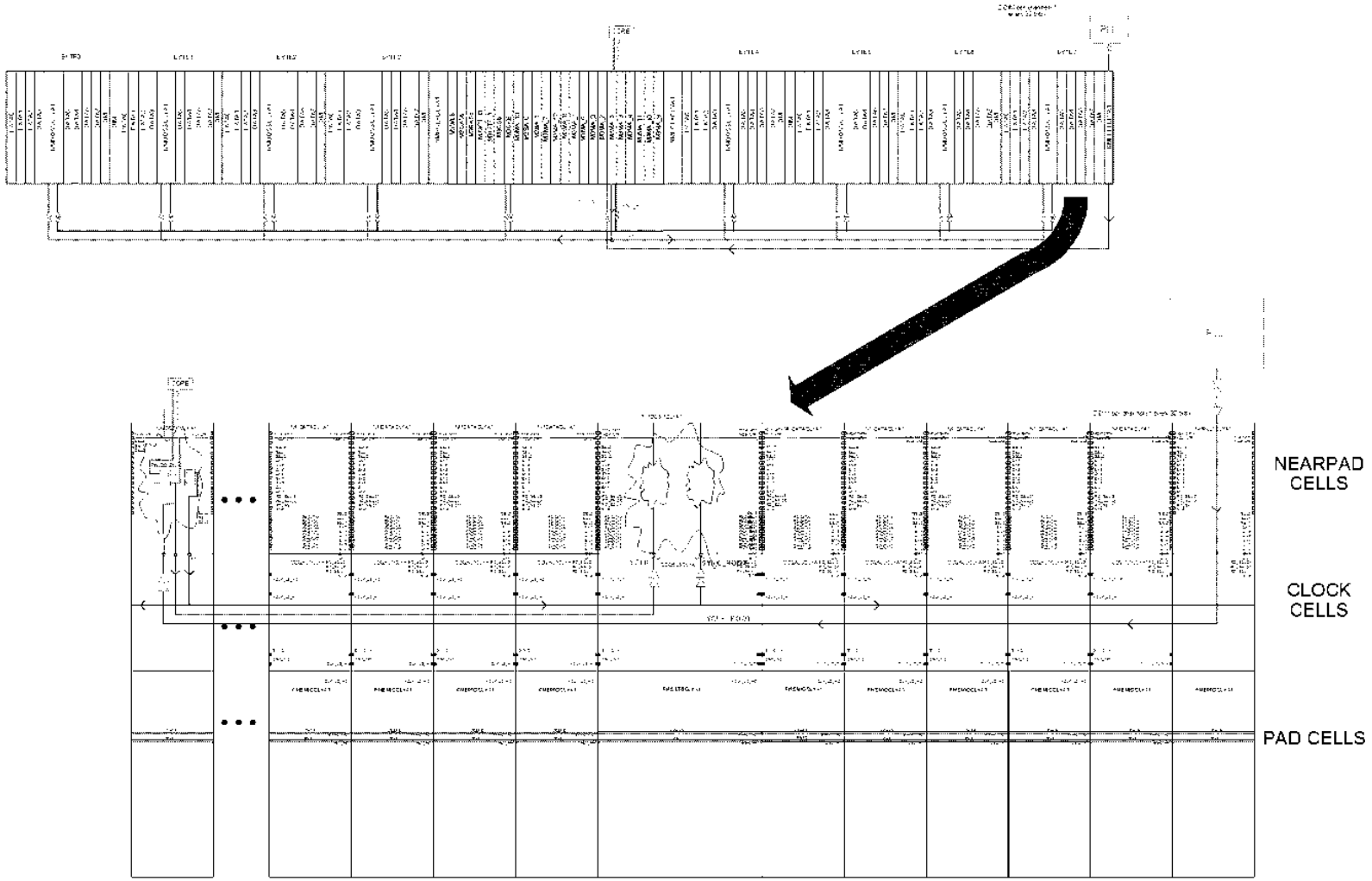
 1698 r400cp_2daafont_565                                 00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cp_2daafont_565

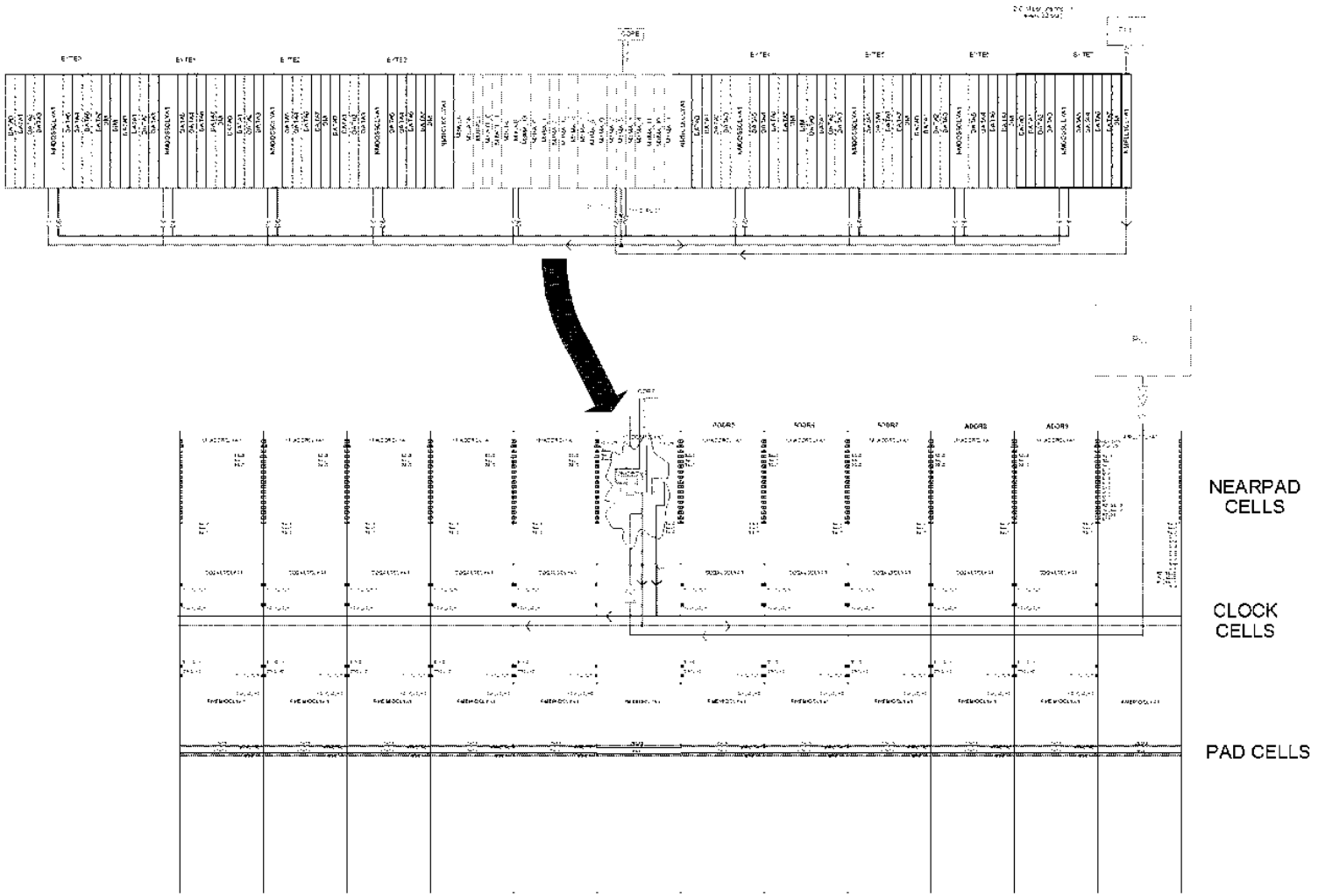
 1699 r400cp_2d3dswitch_a                                 00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030204161724/r400cp_2d3dswitch_a

 1700 r400cp_registers                                    00:00:10 mkelly FAIL
 gold or cmp file mis
+-------------------------------------------------------------------------------------
-----------------------------------+
                                                          08:51:00
```

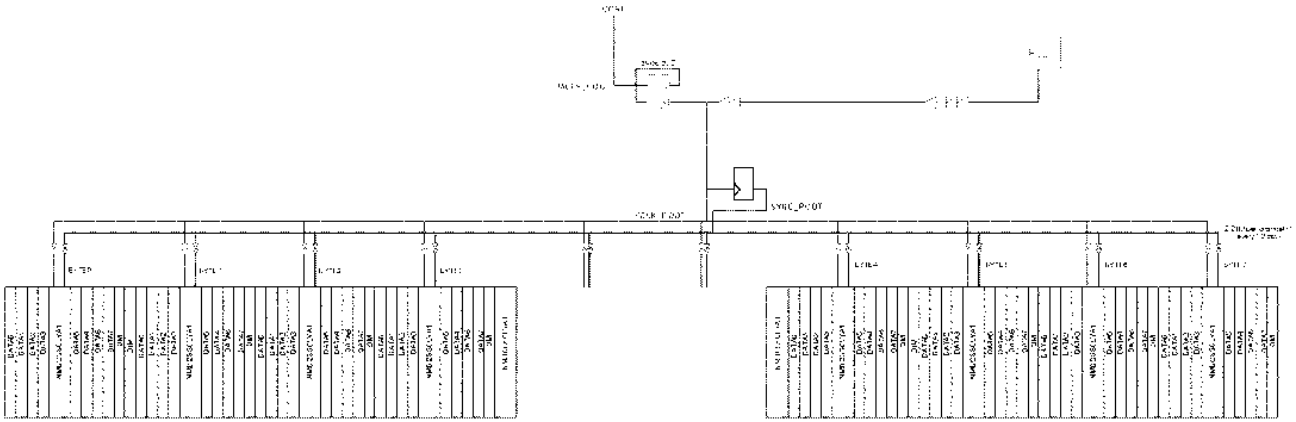
+ Regression Summary:  R400 EMU SYNC mkelly
+ Date: Wed Feb  5 08:53:05 2003

| UNIT | Total Tests | Tests Run | Tests Pass | %Pass |
|---|---|---|---|---|
| SC | 408 | 406 | 318 | 78.33 |
| VGT | 235 | 235 | 196 | 83.40 |
| CL | 362 | 357 | 356 | 99.72 |
| SU | 148 | 148 | 138 | 93.24 |
| VTE | 39 | 39 | 38 | 97.44 |
| CP | 512 | 507 | 477 | 94.08 |
| RBBM | 0 | 0 | 0 | 0.00 |
| BUGS | 0 | 0 | 0 | 0.00 |
| SANITY | 1 | 1 | 1 | 100.00 |
| STRESS | 0 | 0 | 0 | 0.00 |
| PERF | 7 | 7 | 6 | 85.71 |
| TOTAL | 1712 | 1700 | 1530 | 90.00 |


NEARPAD CELLS
CLOCK CELLS
PAD CELLS
MEMORY DATA BYTE




MEMORY ADDRESS BYTE



```
+-------------------------------------------------------------------------------------
-----------------------------------+
+ R400 EMU TEST REGRESS HISTORY Fri Feb  7 05:45:14 2003
+-------------------------------------------------------------------------------------
-----------------------------------+
+ No  Test Name                                          Emu Time Sync  Status
LastPass FailReason          MostRecentPath +
+-------------------------------------------------------------------------------------
-----------------------------------+
    1 r400sc_rts_01                                     00:00:27 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_rts_01

    2 r400sc_rts_02                                     00:00:23 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_rts_02

    3 r400sc_rts_09                                     00:00:25 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_rts_09

    4 r400sc_rts_10                                     00:00:25 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_rts_10

    5 r400sc_rts_11                                     00:00:42 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_rts_11

    6 r400sc_rts_12                                     00:01:18 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_rts_12

    7 r400sc_rts_fc_12                                  00:00:14 mkelly FAIL
 compare mismatch **
    8 r400sc_rts_16                                     00:00:23 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_rts_16

    9 r400sc_rts_18                                     00:01:05 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_rts_18

   10 r400sc_rts_19                                     00:01:29 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_rts_19

   11 r400sc_rts_20                                     00:01:07 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_rts_20

   12 r400sc_rts_21                                     00:00:59 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_rts_21

   13 r400sc_rts_32                                     00:00:24 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_rts_32
```

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   14 r400sc_rts_33                                    00:00:23 mkelly PASS    mkelly
                     \\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_rts_33

   15 r400sc_rts_fc_09                                 00:00:13 mkelly PASS    mkelly
                     \\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_rts_fc_09

   16 r400sc_pinwheel_03                               00:01:33 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_pinwheel_03

   17 r400sc_pkr_row_wrap_disable_rts_01               00:00:29 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_pkr_row_wrap_disable_rts_01

   18 r400sc_vtx_and_pix_pipe_disable_combos_05        00:02:57 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_vtx_and_pix_pipe_disable_combos_
05
   19 r400sc_vtx_pipe_disable_0101_01                  00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_vtx_pipe_disable_0101_01

   20 r400sc_vtx_pipe_disable_0100_01                  00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_vtx_pipe_disable_0100_01

   21 r400sc_vtx_and_pix_pipe_disable_rnd_combos_01    00:00:46 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_vtx_and_pix_pipe_disable_rnd_com
bos_01
   22 r400sc_vtx_and_pix_pipe_disable_rnd_combos_02    00:00:24 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_vtx_and_pix_pipe_disable_rnd_com
bos_02
   23 r400sc_vtx_pipe_disable_combos_01                00:00:45 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_vtx_pipe_disable_combos_01

   24 r400sc_vtx_and_pix_pipe_disable_combos_01        00:00:47 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_vtx_and_pix_pipe_disable_combos_
01
   25 r400sc_pix_pipe_disable_combos_01                00:00:45 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_pix_pipe_disable_combos_01

   26 r400sc_vtx_pipe_disable_combos_02                00:00:22 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_vtx_pipe_disable_combos_02

   27 r400sc_vtx_and_pix_pipe_disable_combos_02        00:00:25 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_vtx_and_pix_pipe_disable_combos_
02
   28 r400sc_pix_pipe_disable_combos_02                00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_pix_pipe_disable_combos_02

   29 r400sc_vtx_pipe_disable_combos_03                00:00:29 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_vtx_pipe_disable_combos_03
```

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   30 r400sc_vtx_and_pix_pipe_disable_combos_03          00:00:34 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_vtx_and_pix_pipe_disable_combos_
03
   31 r400sc_vtx_and_pix_pipe_disable_combos_04          00:08:36 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_vtx_and_pix_pipe_disable_combos_
04
   32 r400sc_pix_pipe_disable_combos_03                  00:00:32 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_pix_pipe_disable_combos_03

   33 r400sc_centers_and_centroids_state_switching_01    00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_centers_and_centroids_state_swit
ching_01
   34 r400sc_msaa_8_simple_triangle_01                   00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_msaa_8_simple_triangle_01

   35 r400sc_viz_query_02                                00:00:21 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_viz_query_02

   36 r400sc_pipe_disable_v0_p0_01                       00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_pipe_disable_v0_p0_01

   37 r400sc_pipe_disable_v01_p01_01                     00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_pipe_disable_v01_p01_01

   38 r400sc_pipe_disable_v2_p2_01                       00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_pipe_disable_v2_p2_01

   39 r400sc_pipe_disable_v02_p02_01                     00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_pipe_disable_v02_p02_01

   40 r400sc_pipe_disable_v12_p12_01                     00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_pipe_disable_v12_p12_01

   41 r400sc_pipe_disable_v012_p012_01                   00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_pipe_disable_v012_p012_01

   42 r400sc_pipe_disable_v3_p3_01                       00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_pipe_disable_v3_p3_01

   43 r400sc_pipe_disable_v03_p03_01                     00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_pipe_disable_v03_p03_01

   44 r400sc_pipe_disable_v13_p13_01                     00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_pipe_disable_v13_p13_01

   45 r400sc_pipe_disable_v013_p013_01                   00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_pipe_disable_v013_p013_01
```

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   46 r400sc_pipe_disable_v23_p23_01                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_pipe_disable_v23_p23_01

   47 r400sc_pipe_disable_v023_p023_01                  00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_pipe_disable_v023_p023_01

   48 r400sc_pipe_disable_v123_p123_01                  00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_pipe_disable_v123_p123_01

   49 r400sc_simple_register_indirect                   00:00:09 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_simple_register_indirect

   50 r400sc_simple_triangle_01                         00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_simple_triangle_01

   51 r400sc_fifo_sizing_01                             00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_fifo_sizing_01

   52 r400sc_clip_vtx_reorder_01                        00:00:33 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_clip_vtx_reorder_01

   53 r400sc_pipes_2_3_disabled_01                      00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_pipes_2_3_disabled_01

   54 r400sc_pkr_row_wrap_disable_01                    00:00:25 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_pkr_row_wrap_disable_01

   55 r400sc_pkr_row_wrap_disable_02                    00:01:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_pkr_row_wrap_disable_02

   56 r400sc_pkr_row_wrap_disable_03                    00:01:25 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_pkr_row_wrap_disable_03

   57 r400sc_pkr_row_wrap_disable_04                    00:01:25 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_pkr_row_wrap_disable_04

   58 r400sc_pkr_row_wrap_disable_05                    00:01:55 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_pkr_row_wrap_disable_05

   59 r400sc_quad_order_enable_01                       00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_quad_order_enable_01

   60 r400sc_one_quad_per_clock_enable_01               00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_one_quad_per_clock_enable_01

   61 r400sc_pix_pipes_2_3_disabled_01                  00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_pix_pipes_2_3_disabled_01
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   62 r400sc_persp_corr_disable_01                        00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_persp_corr_disable_01

   63 r400sc_max_line_width_01                            00:00:47 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_max_line_width_01

   64 r400sc_max_line_width_02                            00:00:47 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_max_line_width_02

   65 r400sc_hw_coords_01                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_hw_coords_01

   66 r400sc_hw_coords_02                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_hw_coords_02

   67 r400sc_hw_coords_03                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_hw_coords_03

   68 r400sc_hw_coords_04                                 00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_hw_coords_04

   69 r400sc_hw_coords_05                                 00:00:29 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_hw_coords_05

   70 r400sc_baryc_01                                     00:00:23 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_baryc_01

   71 r400sc_baryc_02                                     00:00:12 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_baryc_02

   72 r400sc_bres_cntl_01                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_bres_cntl_01

   73 r400sc_bres_cntl_02                                 00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_bres_cntl_02

   74 r400sc_bres_cntl_03                                 00:00:21 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_bres_cntl_03

   75 r400sc_bres_cntl_04                                 00:00:22 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_bres_cntl_04

   76 r400sc_bres_cntl_w2k_01                             00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_bres_cntl_w2k_01

   77 r400sc_bres_cntl_w9x_01                             00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_bres_cntl_w9x_01
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   78 r400sc_clip_rect_01                                00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_clip_rect_01

   79 r400sc_clip_rect_02                                00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_clip_rect_02

   80 r400sc_clip_rect_03                                00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_clip_rect_03

   81 r400sc_clip_rect_04                                00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_clip_rect_04

   82 r400sc_clip_rect_fc_01                             00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_clip_rect_fc_01

   83 r400sc_clipped_triangle_polymode_line_stippled_01  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_clipped_triangle_polymode_line_s
tippled_01
   84 r400sc_diamond_exit_01                             00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_diamond_exit_01

   85 r400sc_diamond_exit_02                             00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_diamond_exit_02

   86 r400sc_diamond_exit_03                             00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_diamond_exit_03

   87 r400sc_diamond_exit_04                             00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_diamond_exit_04

   88 r400sc_diamond_exit_05                             00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_diamond_exit_05

   89 r400sc_jss_1x1_primtypes_01                        00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_jss_1x1_primtypes_01

   90 r400sc_jss_1x2_01                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_jss_1x2_01

   91 r400sc_jss_1x2_02                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_jss_1x2_02

   92 r400sc_jss_1x2_primtypes_01                        00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_jss_1x2_primtypes_01

   93 r400sc_jss_1x3_01                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_jss_1x3_01
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   94 r400sc_jss_1x3_02                                 00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_jss_1x3_02

   95 r400sc_jss_1x3_primtypes_01                       00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_jss_1x3_primtypes_01

   96 r400sc_jss_1x4_01                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_jss_1x4_01

   97 r400sc_jss_1x4_02                                 00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_jss_1x4_02

   98 r400sc_jss_1x4_primtypes_01                       00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_jss_1x4_primtypes_01

   99 r400sc_jss_2x1_01                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_jss_2x1_01

  100 r400sc_jss_2x1_02                                 00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_jss_2x1_02

  101 r400sc_jss_2x1_primtypes_01                       00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_jss_2x1_primtypes_01

  102 r400sc_jss_2x2_01                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_jss_2x2_01

  103 r400sc_jss_2x2_02                                 00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_jss_2x2_02

  104 r400sc_jss_2x2_primtypes_01                       00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_jss_2x2_primtypes_01

  105 r400sc_jss_2x3_01                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_jss_2x3_01

  106 r400sc_jss_2x3_02                                 00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_jss_2x3_02

  107 r400sc_jss_2x3_primtypes_01                       00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_jss_2x3_primtypes_01

  108 r400sc_jss_2x4_01                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_jss_2x4_01

  109 r400sc_jss_2x4_02                                 00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_jss_2x4_02
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  110 r400sc_jss_2x4_primtypes_01                          00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_jss_2x4_primtypes_01

  111 r400sc_jss_3x1_01                                    00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_jss_3x1_01

  112 r400sc_jss_3x1_02                                    00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_jss_3x1_02

  113 r400sc_jss_3x1_primtypes_01                          00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_jss_3x1_primtypes_01

  114 r400sc_jss_3x2_01                                    00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_jss_3x2_01

  115 r400sc_jss_3x2_02                                    00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_jss_3x2_02

  116 r400sc_jss_3x2_primtypes_01                          00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_jss_3x2_primtypes_01

  117 r400sc_jss_3x3_01                                    00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_jss_3x3_01

  118 r400sc_jss_3x3_02                                    00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_jss_3x3_02

  119 r400sc_jss_3x3_primtypes_01                          00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_jss_3x3_primtypes_01

  120 r400sc_jss_3x4_01                                    00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_jss_3x4_01

  121 r400sc_jss_3x4_02                                    00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_jss_3x4_02

  122 r400sc_jss_3x4_03                                    00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_jss_3x4_03

  123 r400sc_jss_3x4_primtypes_01                          00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_jss_3x4_primtypes_01

  124 r400sc_jss_4x1_01                                    00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_jss_4x1_01

  125 r400sc_jss_4x1_02                                    00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_jss_4x1_02
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  126 r400sc_jss_4x1_primtypes_01                          00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_jss_4x1_primtypes_01

  127 r400sc_jss_4x2_01                                    00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_jss_4x2_01

  128 r400sc_jss_4x2_02                                    00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_jss_4x2_02

  129 r400sc_jss_4x2_primtypes_01                          00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_jss_4x2_primtypes_01

  130 r400sc_jss_4x3_01                                    00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_jss_4x3_01

  131 r400sc_jss_4x3_02                                    00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_jss_4x3_02

  132 r400sc_jss_4x3_primtypes_01                          00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_jss_4x3_primtypes_01

  133 r400sc_jss_4x4_01                                    00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_jss_4x4_01

  134 r400sc_jss_4x4_02                                    00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_jss_4x4_02

  135 r400sc_jss_4x4_03                                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_jss_4x4_03

  136 r400sc_jss_4x4_aa_mask_01                            00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_jss_4x4_aa_mask_01

  137 r400sc_jss_4x4_aa_mask_02                            00:01:08 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_jss_4x4_aa_mask_02

  138 r400sc_jss_4x4_fc_01                                 00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_jss_4x4_fc_01

  139 r400sc_jss_4x4_fc_02                                 00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_jss_4x4_fc_02

  140 r400sc_jss_4x4_max_dist_01                           00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_jss_4x4_max_dist_01

  141 r400sc_jss_4x4_primtypes_01                          00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_jss_4x4_primtypes_01
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  142 r400sc_line_dx10_eq_0_01                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_line_dx10_eq_0_01

  143 r400sc_line_dx10_ge_0_01                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_line_dx10_ge_0_01

  144 r400sc_line_dx10_lt_0_01                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_line_dx10_lt_0_01

  145 r400sc_line_dy10_eq_0_01                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_line_dy10_eq_0_01

  146 r400sc_line_dy10_ge_0_01                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_line_dy10_ge_0_01

  147 r400sc_line_dy10_lt_0_01                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_line_dy10_lt_0_01

  148 r400sc_line_expand_width_msaa_8_01                00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_line_expand_width_msaa_8_01

  149 r400sc_line_expand_width_msaa_8_02                00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_line_expand_width_msaa_8_02

  150 r400sc_line_expand_width_msaa_8_03                00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_line_expand_width_msaa_8_03

  151 r400sc_line_jss_3x4_01                            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_line_jss_3x4_01

  152 r400sc_line_list_01                               00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_line_list_01

  153 r400sc_line_list_02                               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_line_list_02

  154 r400sc_line_list_03                               00:00:54 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_line_list_03

  155 r400sc_line_list_04                               00:01:02 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_line_list_04

  156 r400sc_line_list_05                               00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_line_list_05

  157 r400sc_line_list_06                               00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_line_list_06
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  158 r400sc_line_list_07                                00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_line_list_07

  159 r400sc_line_list_08                                00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_line_list_08

  160 r400sc_line_list_09                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_line_list_09

  161 r400sc_line_list_10                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_line_list_10

  162 r400sc_line_list_11                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_line_list_11

  163 r400sc_line_list_12                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_line_list_12

  164 r400sc_line_list_13                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_line_list_13

  165 r400sc_line_list_14                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_line_list_14

  166 r400sc_line_list_15                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_line_list_15

  167 r400sc_line_list_16                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_line_list_16

  168 r400sc_line_list_17                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_line_list_17

  169 r400sc_line_list_18                                00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_line_list_18

  170 r400sc_line_list_concentric_circle_01              00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_line_list_concentric_circle_01

  171 r400sc_line_list_concentric_circle_02              00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_line_list_concentric_circle_02

  172 r400sc_line_list_concentric_circle_03              00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_line_list_concentric_circle_03

  173 r400sc_line_list_textured_01                       00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_line_list_textured_01
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  174 r400sc_line_list_verify_st_01                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_line_list_verify_st_01

  175 r400sc_line_msaa_8_01                            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_line_msaa_8_01

  176 r400sc_line_msaa_8_textured_01                   00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_line_msaa_8_textured_01

  177 r400sc_line_msaa_8_textured_fc_01                00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_line_msaa_8_textured_fc_01

  178 r400sc_line_stipple_01                           00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_line_stipple_01

  179 r400sc_line_stipple_02                           00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_line_stipple_02

  180 r400sc_line_stipple_03                           00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_line_stipple_03

  181 r400sc_line_stipple_04                           00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_line_stipple_04

  182 r400sc_line_stipple_05                           00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_line_stipple_05

  183 r400sc_line_stipple_06                           00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_line_stipple_06

  184 r400sc_line_stipple_07                           00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_line_stipple_07

  185 r400sc_line_stipple_08                           00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_line_stipple_08

  186 r400sc_line_stipple_09                           00:00:16 mkelly FAIL
 compare mismatch **
  187 r400sc_line_stipple_10                           00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_line_stipple_10

  188 r400sc_line_stipple_11                           00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_line_stipple_11

  189 r400sc_line_stipple_12                           00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_line_stipple_12

  190 r400sc_line_stipple_13                           00:00:13 mkelly PASS    mkelly
```

```
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_line_stipple_13

  191 r400sc_line_stipple_14                          00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_line_stipple_14

  192 r400sc_line_stipple_15                          00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_line_stipple_15

  193 r400sc_line_stipple_16                          00:00:18 mkelly FAIL
 compare mismatch **
  194 r400sc_line_stipple_17                          00:00:22 mkelly FAIL
 compare mismatch **
  195 r400sc_line_stipple_18                          00:00:14 mkelly FAIL
 compare mismatch **
  196 r400sc_line_stipple_19                          00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_line_stipple_19

  197 r400sc_line_stipple_20                          00:00:22 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_line_stipple_20

  198 r400sc_line_stipple_21                          00:00:22 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_line_stipple_21

  199 r400sc_line_stipple_22                          00:00:22 mkelly FAIL
 compare mismatch **
  200 r400sc_line_stipple_23                          00:00:21 mkelly FAIL
 compare mismatch **
  201 r400sc_line_stipple_fc_08                       00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_line_stipple_fc_08

  202 r400sc_line_strip_stipple_01                    00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_line_strip_stipple_01

  203 r400sc_msaa_1_01                                00:00:15 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_msaa_1_01

  204 r400sc_msaa_1_primtypes_01                      00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_msaa_1_primtypes_01

  205 r400sc_msaa_1_rectangle_list_01                 00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_msaa_1_rectangle_list_01

  206 r400sc_msaa_1_rectangle_list_02                 00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_msaa_1_rectangle_list_02

  207 r400sc_msaa_1_rectangle_list_03                 00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_msaa_1_rectangle_list_03
```

```
  208 r400sc_msaa_1_rectangle_list_04                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_msaa_1_rectangle_list_04

  209 r400sc_msaa_1_rectangle_list_05                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_msaa_1_rectangle_list_05

  210 r400sc_msaa_1_rectangle_list_06                    00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_msaa_1_rectangle_list_06

  211 r400sc_msaa_1_rectangle_list_07                    00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_msaa_1_rectangle_list_07

  212 r400sc_msaa_1_rectangle_list_08                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_msaa_1_rectangle_list_08

  213 r400sc_msaa_1_zbuffer_rectangle_list_01            00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_msaa_1_zbuffer_rectangle_list_01

  214 r400sc_msaa_1_zbuffer_rectangle_list_02            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_msaa_1_zbuffer_rectangle_list_02

  215 r400sc_msaa_2_primtypes_01                         00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_msaa_2_primtypes_01

  216 r400sc_msaa_2_rectangle_list_01                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_msaa_2_rectangle_list_01

  217 r400sc_msaa_2_rectangle_list_02                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_msaa_2_rectangle_list_02

  218 r400sc_msaa_2_rectangle_list_03                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_msaa_2_rectangle_list_03

  219 r400sc_msaa_2_rectangle_list_04                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_msaa_2_rectangle_list_04

  220 r400sc_msaa_2_rectangle_list_05                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_msaa_2_rectangle_list_05

  221 r400sc_msaa_2_rectangle_list_06                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_msaa_2_rectangle_list_06

  222 r400sc_msaa_2_rectangle_list_07                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_msaa_2_rectangle_list_07

  223 r400sc_msaa_2_rectangle_list_08                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_msaa_2_rectangle_list_08
```

```
  224 r400sc_msaa_2_zbuffer_rectangle_list_01            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_msaa_2_zbuffer_rectangle_list_01

  225 r400sc_msaa_2_zbuffer_rectangle_list_02            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_msaa_2_zbuffer_rectangle_list_02

  226 r400sc_msaa_3_primtypes_01                         00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_msaa_3_primtypes_01

  227 r400sc_msaa_3_rectangle_list_01                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_msaa_3_rectangle_list_01

  228 r400sc_msaa_3_rectangle_list_02                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_msaa_3_rectangle_list_02

  229 r400sc_msaa_3_rectangle_list_03                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_msaa_3_rectangle_list_03

  230 r400sc_msaa_3_rectangle_list_04                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_msaa_3_rectangle_list_04

  231 r400sc_msaa_3_rectangle_list_05                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_msaa_3_rectangle_list_05

  232 r400sc_msaa_3_rectangle_list_06                    00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_msaa_3_rectangle_list_06

  233 r400sc_msaa_3_rectangle_list_07                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_msaa_3_rectangle_list_07

  234 r400sc_msaa_3_rectangle_list_08                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_msaa_3_rectangle_list_08

  235 r400sc_msaa_3_zbuffer_rectangle_list_01            00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_msaa_3_zbuffer_rectangle_list_01

  236 r400sc_msaa_3_zbuffer_rectangle_list_02            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_msaa_3_zbuffer_rectangle_list_02

  237 r400sc_msaa_4_01                                   00:00:15 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_msaa_4_01

  238 r400sc_msaa_4_primtypes_01                         00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_msaa_4_primtypes_01

  239 r400sc_msaa_4_rectangle_list_01                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_msaa_4_rectangle_list_01
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  240 r400sc_msaa_4_rectangle_list_02                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_msaa_4_rectangle_list_02

  241 r400sc_msaa_4_rectangle_list_03                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_msaa_4_rectangle_list_03

  242 r400sc_msaa_4_rectangle_list_04                    00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_msaa_4_rectangle_list_04

  243 r400sc_msaa_4_rectangle_list_05                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_msaa_4_rectangle_list_05

  244 r400sc_msaa_4_rectangle_list_06                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_msaa_4_rectangle_list_06

  245 r400sc_msaa_4_rectangle_list_07                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_msaa_4_rectangle_list_07

  246 r400sc_msaa_4_rectangle_list_08                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_msaa_4_rectangle_list_08

  247 r400sc_msaa_4_zbuffer_rectangle_list_01            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_msaa_4_zbuffer_rectangle_list_01

  248 r400sc_msaa_4_zbuffer_rectangle_list_02            00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_msaa_4_zbuffer_rectangle_list_02

  249 r400sc_msaa_6_01                                   00:00:15 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_msaa_6_01

  250 r400sc_msaa_6_primtypes_01                         00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_msaa_6_primtypes_01

  251 r400sc_msaa_6_rectangle_list_01                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_msaa_6_rectangle_list_01

  252 r400sc_msaa_6_rectangle_list_02                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_msaa_6_rectangle_list_02

  253 r400sc_msaa_6_rectangle_list_03                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_msaa_6_rectangle_list_03

  254 r400sc_msaa_6_rectangle_list_04                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_msaa_6_rectangle_list_04

  255 r400sc_msaa_6_rectangle_list_05                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_msaa_6_rectangle_list_05
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  256 r400sc_msaa_6_rectangle_list_06                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_msaa_6_rectangle_list_06

  257 r400sc_msaa_6_rectangle_list_07                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_msaa_6_rectangle_list_07

  258 r400sc_msaa_6_rectangle_list_08                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_msaa_6_rectangle_list_08

  259 r400sc_msaa_6_zbuffer_rectangle_list_01            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_msaa_6_zbuffer_rectangle_list_01

  260 r400sc_msaa_6_zbuffer_rectangle_list_02            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_msaa_6_zbuffer_rectangle_list_02

  261 r400sc_msaa_8_01                                   00:00:14 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_msaa_8_01

  262 r400sc_msaa_8_02                                   00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_msaa_8_02

  263 r400sc_msaa_8_03                                   00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_msaa_8_03

  264 r400sc_msaa_8_04                                   00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_msaa_8_04

  265 r400sc_msaa_8_05                                   00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_msaa_8_05

  266 r400sc_msaa_8_aa_mask_01                           00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_msaa_8_aa_mask_01

  267 r400sc_msaa_8_aa_mask_02                           00:00:28 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_msaa_8_aa_mask_02

  268 r400sc_msaa_8_aa_mask_fc_02                        00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_msaa_8_aa_mask_fc_02

  269 r400sc_msaa_8_primtypes_01                         00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_msaa_8_primtypes_01

  270 r400sc_msaa_8_rectangle_list_01                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_msaa_8_rectangle_list_01

  271 r400sc_msaa_8_rectangle_list_02                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_msaa_8_rectangle_list_02
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  272 r400sc_msaa_8_rectangle_list_03                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_msaa_8_rectangle_list_03

  273 r400sc_msaa_8_rectangle_list_04                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_msaa_8_rectangle_list_04

  274 r400sc_msaa_8_rectangle_list_05                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_msaa_8_rectangle_list_05

  275 r400sc_msaa_8_rectangle_list_06                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_msaa_8_rectangle_list_06

  276 r400sc_msaa_8_rectangle_list_07                    00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_msaa_8_rectangle_list_07

  277 r400sc_msaa_8_rectangle_list_08                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_msaa_8_rectangle_list_08

  278 r400sc_msaa_8_zbuffer_rectangle_list_01            00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_msaa_8_zbuffer_rectangle_list_01

  279 r400sc_msaa_8_zbuffer_rectangle_list_02            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_msaa_8_zbuffer_rectangle_list_02

  280 r400sc_null_triangles_01                           00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_null_triangles_01

  281 r400sc_null_triangles_fc_01                        00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_null_triangles_fc_01

  282 r400sc_packed_color_01                             00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_packed_color_01

  283 r400sc_perf_01                                     00:00:15 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_perf_01

  284 r400sc_perf_02                                     00:00:13 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_perf_02

  285 r400sc_perf_03                                     00:00:13 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_perf_03

  286 r400sc_pinwheel_01                                 00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_pinwheel_01

  287 r400sc_pinwheel_02                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_pinwheel_02
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  288 r400sc_point_jss_3x4_01                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_point_jss_3x4_01

  289 r400sc_point_list_01                             00:00:27 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_point_list_01

  290 r400sc_point_list_02                             00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_point_list_02

  291 r400sc_point_list_03                             00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_point_list_03

  292 r400sc_point_list_04                             00:00:25 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_point_list_04

  293 r400sc_point_list_05                             00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_point_list_05

  294 r400sc_point_list_06                             00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_point_list_06

  295 r400sc_point_list_07                             00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_point_list_07

  296 r400sc_point_list_08                             00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_point_list_08

  297 r400sc_point_list_09                             00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_point_list_09

  298 r400sc_point_msaa_8_01                           00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_point_msaa_8_01

  299 r400sc_poly_offset_01                            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_poly_offset_01

  300 r400sc_poly_offset_02                            00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_poly_offset_02

  301 r400sc_poly_offset_03                            00:00:58 mkelly FAIL
 compare mismatch **
  302 r400sc_poly_offset_04                            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_poly_offset_04

  303 r400sc_poly_offset_05                            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_poly_offset_05

  304 r400sc_poly_offset_06                            00:00:11 mkelly PASS    mkelly
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\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_poly_offset_06

  305 r400sc_poly_offset_07                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_poly_offset_07

  306 r400sc_poly_offset_08                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_poly_offset_08

  307 r400sc_poly_offset_09                          00:01:00 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_poly_offset_09

  308 r400sc_poly_offset_10                          00:00:58 mkelly FAIL
 gold or cmp file mis
  309 r400sc_poly_offset_fc_01                       00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_poly_offset_fc_01

  310 r400sc_polygon_stipple_01                      00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_polygon_stipple_01

  311 r400sc_polymode_tri_fill_01                    00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_polymode_tri_fill_01

  312 r400sc_prsp_byc_intrp_ref_pix_01               00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_prsp_byc_intrp_ref_pix_01

  313 r400sc_prsp_byc_intrp_ref_pix_02               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_prsp_byc_intrp_ref_pix_02

  314 r400sc_prsp_byc_intrp_ref_pix_03               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_prsp_byc_intrp_ref_pix_03

  315 r400sc_prsp_byc_intrp_ref_pix_04               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_prsp_byc_intrp_ref_pix_04

  316 r400sc_prsp_byc_intrp_ref_pix_05               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_prsp_byc_intrp_ref_pix_05

  317 r400sc_prsp_byc_intrp_ref_pix_06               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_prsp_byc_intrp_ref_pix_06

  318 r400sc_prsp_byc_intrp_ref_pix_07               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_prsp_byc_intrp_ref_pix_07

  319 r400sc_prsp_byc_intrp_ref_pix_08               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_prsp_byc_intrp_ref_pix_08

  320 r400sc_raster_fill_rule_01                     00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_raster_fill_rule_01
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  321 r400sc_raster_fill_rule_02                          00:00:46 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_raster_fill_rule_02

  322 r400sc_raster_fill_rule_03                          00:00:33 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_raster_fill_rule_03

  323 r400sc_raster_fill_rule_04                          00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_raster_fill_rule_04

  324 r400sc_raster_fill_rule_05                          00:00:22 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_raster_fill_rule_05

  325 r400sc_raster_fill_rule_06                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_raster_fill_rule_06

  326 r400sc_raster_fill_rule_07                          00:00:26 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_raster_fill_rule_07

  327 r400sc_raster_fill_rule_08                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_raster_fill_rule_08

  328 r400sc_raster_fill_rule_09                          00:00:26 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_raster_fill_rule_09

  329 r400sc_raster_fill_rule_10                          00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_raster_fill_rule_10

  330 r400sc_raster_fill_rule_11                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_raster_fill_rule_11

  331 r400sc_raster_fill_rule_12                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_raster_fill_rule_12

  332 r400sc_raster_fill_rule_13                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_raster_fill_rule_13

  333 r400sc_raster_fill_rule_14                          00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_raster_fill_rule_14

  334 r400sc_raster_fill_rule_15                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_raster_fill_rule_15

  335 r400sc_raster_fill_rule_16                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_raster_fill_rule_16

  336 r400sc_raster_fill_rule_17                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_raster_fill_rule_17
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  337 r400sc_raster_fill_rule_18                          00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_raster_fill_rule_18

  338 r400sc_raster_fill_rule_19                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_raster_fill_rule_19

  339 r400sc_raster_fill_rule_20                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_raster_fill_rule_20

  340 r400sc_raster_fill_rule_21                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_raster_fill_rule_21

  341 r400sc_raster_fill_rule_22                          00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_raster_fill_rule_22

  342 r400sc_raster_fill_rule_23                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_raster_fill_rule_23

  343 r400sc_raster_fill_rule_24                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_raster_fill_rule_24

  344 r400sc_raster_fill_rule_25                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_raster_fill_rule_25

  345 r400sc_raster_fill_rule_26                          00:00:22 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_raster_fill_rule_26

  346 r400sc_raster_fill_rule_fc_01                       00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_raster_fill_rule_fc_01

  347 r400sc_rbbm_reg_read                                00:00:06 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_rbbm_reg_read

  348 r400sc_rectangle_list_01                            00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_rectangle_list_01

  349 r400sc_rectangle_list_02                            00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_rectangle_list_02

  350 r400sc_rectangle_list_03                            00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_rectangle_list_03

  351 r400sc_rectangle_list_04                            00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_rectangle_list_04

  352 r400sc_rectangle_list_05                            00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_rectangle_list_05
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  353 r400sc_rectangle_list_06                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_rectangle_list_06

  354 r400sc_rectangle_list_07                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_rectangle_list_07

  355 r400sc_rectangle_list_08                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_rectangle_list_08

  356 r400sc_scissor_rect_01                            00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_scissor_rect_01

  357 r400sc_scissor_rect_02                            00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_scissor_rect_02

  358 r400sc_scissor_rect_03                            00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_scissor_rect_03

  359 r400sc_scissor_rect_04                            00:00:22 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_scissor_rect_04

  360 r400sc_scissor_rect_05                            00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_scissor_rect_05

  361 r400sc_scissor_rect_fc_01                         00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_scissor_rect_fc_01

  362 r400sc_set_state_01                               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_set_state_01

  363 r400sc_sp_sample_cntl_01                          00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_sp_sample_cntl_01

  364 r400sc_sp_sample_cntl_02                          00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_sp_sample_cntl_02

  365 r400sc_sp_sample_cntl_03                          00:00:31 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_sp_sample_cntl_03

  366 r400sc_sp_sample_cntl_04                          00:00:30 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_sp_sample_cntl_04

  367 r400sc_sp_sample_cntl_05                          00:00:27 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_sp_sample_cntl_05

  368 r400sc_sp_sample_cntl_06                          00:00:30 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_sp_sample_cntl_06
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  369 r400sc_sp_sample_cntl_07                          00:00:28 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_sp_sample_cntl_07

  370 r400sc_sp_sample_cntl_08                          00:00:27 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_sp_sample_cntl_08

  371 r400sc_sp_sample_cntl_09                          00:00:13 mkelly FAIL
 gold or cmp file mis
  372 r400sc_sp_sample_cntl_10                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_sp_sample_cntl_10

  373 r400sc_sp_sample_cntl_fc_03                       00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_sp_sample_cntl_fc_03

  374 r400sc_sp_sample_cntl_fc_05                       00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_sp_sample_cntl_fc_05

  375 r400sc_tri_16_par_64_dwords_01                    00:00:24 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_tri_16_par_64_dwords_01

  376 r400sc_tri_8textures_01                           00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_tri_8textures_01

  377 r400sc_tri_8textures_02                           00:00:24 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_tri_8textures_02

  378 r400sc_tri_walk_start_vertex_01                   00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_tri_walk_start_vertex_01

  379 r400sc_tri_walk_start_vertex_02                   00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_tri_walk_start_vertex_02

  380 r400sc_tri_walk_start_vertex_03                   00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_tri_walk_start_vertex_03

  381 r400sc_tri_walk_start_vertex_04                   00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_tri_walk_start_vertex_04

  382 r400sc_tri_walk_start_vertex_05                   00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_tri_walk_start_vertex_05

  383 r400sc_tri_walk_start_vertex_06                   00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_tri_walk_start_vertex_06

  384 r400sc_tri_walk_start_vertex_07                   00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_tri_walk_start_vertex_07
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  385 r400sc_tri_walk_start_vertex_08                    00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_tri_walk_start_vertex_08

  386 r400sc_tri_walk_start_vertex_09                    00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_tri_walk_start_vertex_09

  387 r400sc_tri_walk_start_vertex_10                    00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_tri_walk_start_vertex_10

  388 r400sc_tri_walk_start_vertex_11                    00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_tri_walk_start_vertex_11

  389 r400sc_tri_walk_start_vertex_12                    00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_tri_walk_start_vertex_12

  390 r400sc_tri_walk_start_vertex_13                    00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_tri_walk_start_vertex_13

  391 r400sc_tri_walk_start_vertex_14                    00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_tri_walk_start_vertex_14

  392 r400sc_tri_walk_start_vertex_15                    00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_tri_walk_start_vertex_15

  393 r400sc_tri_walk_start_vertex_16                    00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_tri_walk_start_vertex_16

  394 r400sc_triangle_stipple_01                         00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_triangle_stipple_01

  395 r400sc_window_offset_01                            00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_window_offset_01

  396 r400sc_window_offset_02                            00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_window_offset_02

  397 r400sc_window_offset_03                            00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_window_offset_03

  398 r400sc_window_offset_04                            00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_window_offset_04

  399 r400sc_window_offset_05                            00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_window_offset_05

  400 r400sc_window_offset_fc_01                         00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_window_offset_fc_01
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  401 r400sc_window_scis_01                           00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_window_scis_01

  402 r400sc_zbuffer_line_list_01                     00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_zbuffer_line_list_01

  403 r400sc_zbuffer_point_list_01                    00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_zbuffer_point_list_01

  404 r400sc_zbuffer_rectangle_list_01                00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_zbuffer_rectangle_list_01

  405 r400sc_zbuffer_rectangle_list_02                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_zbuffer_rectangle_list_02

  406 r400sc_zbuffer_rectangle_list_fc_02             00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_zbuffer_rectangle_list_fc_02

  407 r400sc_zbuffer_triangle_list_01                 00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sc_zbuffer_triangle_list_01

  408 r400cl_clip_vertex_reorder_01                   00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400cl_clip_vertex_reorder_01

  409 r400cl_gband_variations_01                      00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400cl_gband_variations_01

  410 r400cl_gband_variations_infNan_01               00:00:22 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400cl_gband_variations_infNan_01

  411 r400cl_nan_kill_combo_01                        00:01:24 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400cl_nan_kill_combo_01

  412 r400cl_triangle_plane_01                        00:00:22 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400cl_triangle_plane_01

  413 r400cl_edgeflags_lineFill_gband_01              00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400cl_edgeflags_lineFill_gband_01

  414 r400cl_edgeflags_lineFill_gband_02              00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400cl_edgeflags_lineFill_gband_02

  415 r400cl_edgeflags_lineFill_gband_03              00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400cl_edgeflags_lineFill_gband_03

  416 r400cl_edgeflags_lineFill_gband_04              00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400cl_edgeflags_lineFill_gband_04
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  417 r400cl_edgeflags_lineFill_gband_05                 00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400cl_edgeflags_lineFill_gband_05

  418 r400cl_edgeflags_lineFill_gband_horzClip_06        00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400cl_edgeflags_lineFill_gband_horzCli
p_06
  419 r400cl_edgeflags_lineFill_gband_vertClip_06        00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400cl_edgeflags_lineFill_gband_vertCli
p_06
  420 r400cl_edgeflags_lineFill_gband_07                 00:00:32 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400cl_edgeflags_lineFill_gband_07

  421 r400cl_edgeflags_pointFill_gband_01                00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400cl_edgeflags_pointFill_gband_01

  422 r400cl_edgeflags_pointFill_gband_02                00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400cl_edgeflags_pointFill_gband_02

  423 r400cl_edgeflags_pointFill_gband_03                00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400cl_edgeflags_pointFill_gband_03

  424 r400cl_edgeflags_pointFill_gband_04                00:00:14 mkelly PASS    mkelly
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  425 r400cl_edgeflags_pointFill_gband_05                00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400cl_edgeflags_pointFill_gband_05

  426 r400cl_edgeflags_pointFill_gband_horzClip_06       00:00:13 mkelly PASS    mkelly
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ip_06
  427 r400cl_edgeflags_pointFill_gband_vertClip_06       00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400cl_edgeflags_pointFill_gband_vertCl
ip_06
  428 r400cl_edgeflags_pointFill_gband_07                00:00:30 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400cl_edgeflags_pointFill_gband_07

  429 r400cl_gband_tcl_01                                00:00:27 mkelly PASS    mkelly
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  430 r400cl_clip_space_dx_ogl_02                        00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400cl_clip_space_dx_ogl_02

  431 r400cl_barycentric_clip_perspective_01             00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400cl_barycentric_clip_perspective_01

  432 r400cl_barycentric_clip_perspective_02             00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400cl_barycentric_clip_perspective_02
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  433 r400cl_barycentric_clip_perspective_03             00:00:15 mkelly PASS    mkelly
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  434 r400cl_barycentric_clip_perspective_04             00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400cl_barycentric_clip_perspective_04

  435 r400cl_gband_triclip_01                            00:00:12 mkelly PASS    mkelly
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  436 r400cl_gband_point_01                              00:00:11 mkelly PASS    mkelly
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  437 r400cl_edgeflags_pointFill_01                      00:00:13 mkelly PASS    mkelly
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  438 r400cl_edgeflags_pointFill_02                      00:00:13 mkelly PASS    mkelly
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  439 r400cl_edgeflags_pointFill_03                      00:00:14 mkelly PASS    mkelly
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  440 r400cl_edgeflags_pointFill_04                      00:00:14 mkelly PASS    mkelly
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  441 r400cl_edgeflags_pointFill_05                      00:00:16 mkelly PASS    mkelly
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  442 r400cl_edgeflags_pointFill_vertClip_06             00:00:14 mkelly PASS    mkelly
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  443 r400cl_edgeflags_pointFill_horzClip_06             00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400cl_edgeflags_pointFill_horzClip_06

  444 r400cl_edgeflags_pointFill_07                      00:00:29 mkelly PASS    mkelly
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  445 r400cl_ucp_combo_quadstrip_01                      00:00:45 mkelly PASS    mkelly
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  446 r400cl_ucp_combo_polygon_01                        00:00:43 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400cl_ucp_combo_polygon_01

  447 r400cl_ucp_cube_02                                 00:00:13 mkelly PASS    mkelly
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  448 r400cl_ucp_cube_01                                 00:00:11 mkelly PASS    mkelly
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  449 r400cl_frustum_point_01                          00:00:11 mkelly PASS    mkelly
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  450 r400cl_vertex_reuse_clip_02                      00:00:55 mkelly PASS    mkelly
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  451 r400cl_vertex_reuse_clip_03                      00:00:18 mkelly PASS    mkelly
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  452 r400cl_point_ucp_clip_mode3_cull_enable_01       00:00:14 mkelly PASS    mkelly
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_01
  453 r400cl_point_ucp_clip_mode3_cull_disable_01      00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400cl_point_ucp_clip_mode3_cull_disabl
e_01
  454 r400cl_point_ucp_clip_mode2_cull_enable_01       00:00:14 mkelly PASS    mkelly
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_01
  455 r400cl_point_ucp_clip_mode2_cull_disable_01      00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400cl_point_ucp_clip_mode2_cull_disabl
e_01
  456 r400cl_point_ucp_clip_mode1_cull_disable_01      00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400cl_point_ucp_clip_mode1_cull_disabl
e_01
  457 r400cl_point_ucp_clip_mode0_cull_disable_01      00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400cl_point_ucp_clip_mode0_cull_disabl
e_01
  458 r400cl_point_gband_clip_01                       00:00:11 mkelly PASS    mkelly
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  459 r400cl_point_frustum_clip_01                     00:00:11 mkelly PASS    mkelly
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  460 r400cl_point_size_ucp_combo_01                   00:00:28 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400cl_point_size_ucp_combo_01

  461 r400cl_frustum_LR_TB_01                          00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400cl_frustum_LR_TB_01

  462 r400cl_edgeflags_05                              00:00:16 mkelly PASS    mkelly
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  463 r400cl_edgeflags_06                              00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400cl_edgeflags_06

  464 r400cl_edgeflags_07                              00:00:30 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400cl_edgeflags_07
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  465 r400cl_cull_only_ena_02                          00:00:15 mkelly PASS    mkelly
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  466 r400cl_cull_only_ena_03                          00:00:14 mkelly PASS    mkelly
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  467 r400cl_barycentric_texture_01                    00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400cl_barycentric_texture_01

  468 r400cl_clip_10_verts_01                          00:00:12 mkelly PASS    mkelly
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  469 r400cl_clip_disable_01                           00:00:22 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400cl_clip_disable_01

  470 r400cl_clip_space_dx_ogl_01                      00:00:11 mkelly PASS    mkelly
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  471 r400cl_clip_ucp_6bits_01                         00:00:15 mkelly PASS    mkelly
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  472 r400cl_cull_only_ena_01                          00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400cl_cull_only_ena_01

  473 r400cl_edgeflags_01                              00:00:13 mkelly PASS    mkelly
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  474 r400cl_edgeflags_02                              00:00:14 mkelly PASS    mkelly
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  475 r400cl_edgeflags_03                              00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400cl_edgeflags_03

  476 r400cl_edgeflags_04                              00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400cl_edgeflags_04

  477 r400cl_edgeflags_frustum_bottom_01               00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400cl_edgeflags_frustum_bottom_01

  478 r400cl_edgeflags_frustum_far_01                  00:00:13 mkelly PASS    mkelly
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  479 r400cl_edgeflags_frustum_left_01                 00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400cl_edgeflags_frustum_left_01

  480 r400cl_edgeflags_frustum_near_01                 00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400cl_edgeflags_frustum_near_01
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  481 r400cl_edgeflags_frustum_right_01                  00:00:13 mkelly PASS    mkelly
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  482 r400cl_edgeflags_frustum_top_01                    00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400cl_edgeflags_frustum_top_01

  483 r400cl_edgeflags_gband_01                          00:00:20 mkelly PASS    mkelly
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  484 r400cl_edgeflags_gband_bottom_01                   00:00:21 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400cl_edgeflags_gband_bottom_01

  485 r400cl_edgeflags_gband_left_01                     00:00:21 mkelly PASS    mkelly
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  486 r400cl_edgeflags_gband_right_01                    00:00:20 mkelly PASS    mkelly
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  487 r400cl_edgeflags_gband_top_01                      00:00:21 mkelly PASS    mkelly
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  488 r400cl_edgeflags_texture_sample_01                 00:00:14 mkelly PASS    mkelly
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  489 r400cl_frustum_01                                  00:00:20 mkelly PASS    mkelly
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  490 r400cl_frustum_02                                  00:00:23 mkelly PASS    mkelly
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  491 r400cl_frustum_03                                  00:00:23 mkelly PASS    mkelly
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  492 r400cl_frustum_04                                  00:00:26 mkelly PASS    mkelly
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  493 r400cl_frustum_05                                  00:00:20 mkelly PASS    mkelly
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  494 r400cl_frustum_06                                  00:00:24 mkelly PASS    mkelly
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  495 r400cl_frustum_07                                  00:00:24 mkelly PASS    mkelly
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  496 r400cl_frustum_08                                  00:00:27 mkelly PASS    mkelly
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  497 r400cl_frustum_09                                00:00:19 mkelly PASS    mkelly
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  498 r400cl_frustum_10                                00:00:24 mkelly PASS    mkelly
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  499 r400cl_frustum_11                                00:00:24 mkelly PASS    mkelly
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  500 r400cl_frustum_12                                00:00:27 mkelly PASS    mkelly
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  501 r400cl_frustum_13                                00:00:21 mkelly PASS    mkelly
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  502 r400cl_frustum_14                                00:00:24 mkelly PASS    mkelly
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  503 r400cl_frustum_15                                00:00:24 mkelly PASS    mkelly
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  504 r400cl_frustum_16                                00:00:26 mkelly PASS    mkelly
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  505 r400cl_frustum_17                                00:00:21 mkelly PASS    mkelly
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  506 r400cl_frustum_18                                00:00:24 mkelly PASS    mkelly
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  507 r400cl_frustum_19                                00:00:23 mkelly PASS    mkelly
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  508 r400cl_frustum_20                                00:00:26 mkelly PASS    mkelly
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  509 r400cl_frustum_21                                00:00:20 mkelly PASS    mkelly
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  510 r400cl_frustum_22                                00:00:24 mkelly PASS    mkelly
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  511 r400cl_frustum_23                                00:00:23 mkelly PASS    mkelly
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  512 r400cl_frustum_24                                00:00:26 mkelly PASS    mkelly
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  513 r400cl_frustum_25                                 00:00:18 mkelly PASS    mkelly
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  514 r400cl_frustum_26                                 00:00:24 mkelly PASS    mkelly
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  515 r400cl_frustum_27                                 00:00:23 mkelly PASS    mkelly
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  516 r400cl_frustum_28                                 00:00:28 mkelly PASS    mkelly
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  517 r400cl_frustum_29                                 00:00:18 mkelly PASS    mkelly
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  518 r400cl_frustum_30                                 00:00:24 mkelly PASS    mkelly
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  519 r400cl_frustum_31                                 00:00:24 mkelly PASS    mkelly
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  520 r400cl_frustum_32                                 00:00:27 mkelly PASS    mkelly
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  521 r400cl_frustum_33                                 00:00:18 mkelly PASS    mkelly
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  522 r400cl_frustum_34                                 00:00:23 mkelly PASS    mkelly
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  523 r400cl_frustum_35                                 00:00:23 mkelly PASS    mkelly
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  524 r400cl_frustum_36                                 00:00:28 mkelly PASS    mkelly
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  525 r400cl_frustum_37                                 00:00:20 mkelly PASS    mkelly
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  526 r400cl_frustum_38                                 00:00:22 mkelly PASS    mkelly
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  527 r400cl_frustum_39                                 00:00:21 mkelly PASS    mkelly
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  528 r400cl_frustum_40                                 00:00:23 mkelly PASS    mkelly
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  529 r400cl_frustum_41                                 00:00:20 mkelly PASS    mkelly
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  530 r400cl_frustum_42                                 00:00:23 mkelly PASS    mkelly
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  531 r400cl_frustum_43                                 00:00:22 mkelly PASS    mkelly
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  532 r400cl_frustum_44                                 00:00:24 mkelly PASS    mkelly
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  533 r400cl_frustum_45                                 00:00:20 mkelly PASS    mkelly
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  534 r400cl_frustum_46                                 00:00:23 mkelly PASS    mkelly
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  535 r400cl_frustum_47                                 00:00:22 mkelly PASS    mkelly
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  536 r400cl_frustum_48                                 00:00:25 mkelly PASS    mkelly
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  537 r400cl_frustum_49                                 00:00:21 mkelly PASS    mkelly
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  538 r400cl_frustum_50                                 00:00:22 mkelly PASS    mkelly
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  539 r400cl_frustum_51                                 00:00:23 mkelly PASS    mkelly
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  540 r400cl_frustum_52                                 00:00:23 mkelly PASS    mkelly
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  541 r400cl_frustum_53                                 00:00:21 mkelly PASS    mkelly
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  542 r400cl_frustum_54                                 00:00:22 mkelly PASS    mkelly
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  543 r400cl_frustum_55                                 00:00:23 mkelly PASS    mkelly
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  544 r400cl_frustum_56                                 00:00:24 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400cl_frustum_56
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  545 r400cl_frustum_57                                00:00:20 mkelly PASS    mkelly
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  546 r400cl_frustum_58                                00:00:22 mkelly PASS    mkelly
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  547 r400cl_frustum_59                                00:00:22 mkelly PASS    mkelly
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  548 r400cl_frustum_60                                00:00:24 mkelly PASS    mkelly
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  552 r400cl_frustum_64                                00:00:24 mkelly PASS    mkelly
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  553 r400cl_frustum_65                                00:00:19 mkelly PASS    mkelly
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  554 r400cl_frustum_66                                00:00:23 mkelly PASS    mkelly
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  555 r400cl_frustum_67                                00:00:23 mkelly PASS    mkelly
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  556 r400cl_frustum_68                                00:00:24 mkelly PASS    mkelly
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  557 r400cl_frustum_69                                00:00:19 mkelly PASS    mkelly
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  558 r400cl_frustum_70                                00:00:22 mkelly PASS    mkelly
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  559 r400cl_frustum_71                                00:00:23 mkelly PASS    mkelly
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  560 r400cl_frustum_72                                00:00:24 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400cl_frustum_72
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  561 r400cl_frustum_76                                00:00:26 mkelly PASS    mkelly
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  562 r400cl_frustum_81                                00:00:18 mkelly PASS    mkelly
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  563 r400cl_frustum_86                                00:00:23 mkelly PASS    mkelly
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  564 r400cl_frustum_91                                00:00:22 mkelly PASS    mkelly
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  565 r400cl_frustum_96                                00:00:25 mkelly PASS    mkelly
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  566 r400cl_frustum_LFT_combos_01                     00:00:13 mkelly PASS    mkelly
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  567 r400cl_frustum_LFT_rotated_01                    00:00:36 mkelly FAIL
 compare mismatch **
  568 r400cl_frustum_all_vols_lines                    00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400cl_frustum_all_vols_lines

  569 r400cl_frustum_all_vols_tris                     00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400cl_frustum_all_vols_tris

  570 r400cl_frustum_lines_01                          00:00:16 mkelly PASS    mkelly
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  571 r400cl_frustum_lines_02                          00:00:17 mkelly PASS    mkelly
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  572 r400cl_frustum_lines_03                          00:00:18 mkelly PASS    mkelly
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  574 r400cl_frustum_lines_05                          00:00:16 mkelly PASS    mkelly
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  575 r400cl_frustum_lines_06                          00:00:18 mkelly PASS    mkelly
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  576 r400cl_frustum_lines_07                          00:00:17 mkelly PASS    mkelly
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  577 r400cl_frustum_lines_08                          00:00:20 mkelly PASS    mkelly
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579 r400cl_frustum_lines_10 00:00:17 mkelly PASS mkelly
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580 r400cl_frustum_lines_101 00:00:15 mkelly PASS mkelly
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581 r400cl_frustum_lines_102 00:00:17 mkelly PASS mkelly
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582 r400cl_frustum_lines_103 00:00:17 mkelly PASS mkelly
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583 r400cl_frustum_lines_104 00:00:19 mkelly PASS mkelly
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584 r400cl_frustum_lines_105 00:00:15 mkelly PASS mkelly
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585 r400cl_frustum_lines_106 00:00:17 mkelly PASS mkelly
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586 r400cl_frustum_lines_107 00:00:17 mkelly PASS mkelly
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587 r400cl_frustum_lines_108 00:00:19 mkelly PASS mkelly
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588 r400cl_frustum_lines_11 00:00:17 mkelly PASS mkelly
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589 r400cl_frustum_lines_12 00:00:19 mkelly PASS mkelly
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590 r400cl_frustum_lines_13 00:00:15 mkelly PASS mkelly
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591 r400cl_frustum_lines_14 00:00:18 mkelly PASS mkelly
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648 r400cl_frustum_lines_71 00:00:16 mkelly PASS mkelly
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671 r400cl_gband_22 00:00:12 mkelly PASS mkelly
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673 r400cl_gband_24 00:00:14 mkelly PASS mkelly

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676 r400cl_gband_27 00:00:14 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400cl_gband_27

677 r400cl_gband_28 00:00:14 mkelly PASS mkelly
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678 r400cl_gband_29 00:00:13 mkelly PASS mkelly
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679 r400cl_gband_30 00:00:12 mkelly PASS mkelly
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680 r400cl_gband_31 00:00:12 mkelly PASS mkelly
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681 r400cl_gband_32 00:00:13 mkelly PASS mkelly
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682 r400cl_gband_33 00:00:13 mkelly PASS mkelly
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683 r400cl_gband_34 00:00:12 mkelly PASS mkelly
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684 r400cl_gband_35 00:00:13 mkelly PASS mkelly
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685 r400cl_gband_36 00:00:12 mkelly PASS mkelly
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686 r400cl_nan_kill_01 00:00:10 mkelly PASS mkelly
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687 r400cl_point_ucp_combos_01 00:00:14 mkelly PASS mkelly
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688 r400cl_pointlist_vertex_state_ucp_01 00:00:12 mkelly PASS mkelly
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689 r400cl_polymode_line_fill_01 00:00:11 mkelly PASS mkelly

\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400cl_polymode_line_fill_01

690 r400cl_simple_triangle_01 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400cl_simple_triangle_01

691 r400cl_tri_polymode_line_stipple_ucp_combos_01 00:00:15 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400cl_tri_polymode_line_stipple_ucp_co
mbos_01
692 r400cl_tri_polymode_line_ucp_combos_01 00:00:14 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400cl_tri_polymode_line_ucp_combos_01

693 r400cl_triangle_polymode_line_stippled_01 00:00:11 mkelly PASS mkelly
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01
694 r400cl_ucp_combos_01 00:00:54 mkelly PASS mkelly
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695 r400cl_ucp_combos_02 00:00:55 mkelly PASS mkelly
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696 r400cl_ucp_combos_03 00:00:55 mkelly PASS mkelly
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697 r400cl_ucp_combos_04 00:00:55 mkelly PASS mkelly
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698 r400cl_ucp_combos_05 00:00:55 mkelly PASS mkelly
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699 r400cl_ucp_combos_06 00:00:55 mkelly PASS mkelly
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700 r400cl_ucp_combos_07 00:00:55 mkelly PASS mkelly
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701 r400cl_ucp_combos_08 00:00:55 mkelly PASS mkelly
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702 r400cl_ucp_combos_09 00:00:55 mkelly PASS mkelly
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703 r400cl_ucp_combos_10 00:00:56 mkelly PASS mkelly
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704 r400cl_ucp_combos_11 00:00:55 mkelly PASS mkelly
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705 r400cl_ucp_combos_12 00:00:56 mkelly PASS mkelly

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706 r400cl_ucp_combos_13 00:00:55 mkelly PASS mkelly
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707 r400cl_ucp_combos_14 00:00:55 mkelly PASS mkelly
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708 r400cl_ucp_combos_15 00:00:55 mkelly PASS mkelly
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709 r400cl_ucp_combos_16 00:00:56 mkelly PASS mkelly
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710 r400cl_ucp_combos_17 00:00:54 mkelly PASS mkelly
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711 r400cl_ucp_combos_18 00:00:54 mkelly PASS mkelly
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712 r400cl_ucp_combos_19 00:00:55 mkelly PASS mkelly
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713 r400cl_ucp_combos_20 00:00:54 mkelly PASS mkelly
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714 r400cl_ucp_combos_21 00:00:54 mkelly PASS mkelly
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715 r400cl_ucp_combos_22 00:00:54 mkelly PASS mkelly
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716 r400cl_ucp_combos_23 00:00:55 mkelly PASS mkelly
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717 r400cl_ucp_combos_24 00:00:55 mkelly PASS mkelly
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718 r400cl_ucp_combos_25 00:00:54 mkelly PASS mkelly
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719 r400cl_ucp_combos_26 00:00:55 mkelly PASS mkelly
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720 r400cl_ucp_combos_27 00:00:55 mkelly PASS mkelly
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721 r400cl_ucp_combos_28 00:00:55 mkelly PASS mkelly

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722 r400cl_ucp_combos_29 00:00:55 mkelly PASS mkelly
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723 r400cl_ucp_combos_30 00:00:55 mkelly PASS mkelly
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724 r400cl_ucp_combos_31 00:00:55 mkelly PASS mkelly
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725 r400cl_ucp_combos_32 00:00:55 mkelly PASS mkelly
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726 r400cl_ucp_combos_33 00:00:55 mkelly PASS mkelly
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727 r400cl_ucp_combos_34 00:00:54 mkelly PASS mkelly
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728 r400cl_ucp_combos_35 00:00:55 mkelly PASS mkelly
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729 r400cl_ucp_combos_36 00:00:55 mkelly PASS mkelly
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730 r400cl_ucp_combos_37 00:00:55 mkelly PASS mkelly
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731 r400cl_ucp_combos_38 00:00:55 mkelly PASS mkelly
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732 r400cl_ucp_combos_39 00:00:55 mkelly PASS mkelly
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733 r400cl_ucp_combos_40 00:00:54 mkelly PASS mkelly
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734 r400cl_ucp_combos_41 00:00:55 mkelly PASS mkelly
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735 r400cl_ucp_combos_42 00:00:56 mkelly PASS mkelly
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736 r400cl_ucp_combos_43 00:00:55 mkelly PASS mkelly
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737 r400cl_ucp_combos_44 00:00:55 mkelly PASS mkelly

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738 r400cl_ucp_combos_45 00:00:54 mkelly PASS mkelly
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739 r400cl_ucp_combos_46 00:00:55 mkelly PASS mkelly
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740 r400cl_ucp_combos_47 00:00:54 mkelly PASS mkelly
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741 r400cl_ucp_combos_48 00:00:55 mkelly PASS mkelly
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742 r400cl_ucp_combos_49 00:00:55 mkelly PASS mkelly
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743 r400cl_ucp_combos_50 00:00:55 mkelly PASS mkelly
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744 r400cl_ucp_combos_51 00:00:55 mkelly PASS mkelly
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745 r400cl_ucp_combos_52 00:00:54 mkelly PASS mkelly
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746 r400cl_ucp_combos_53 00:00:55 mkelly PASS mkelly
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747 r400cl_ucp_combos_54 00:00:55 mkelly PASS mkelly
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748 r400cl_ucp_combos_55 00:00:55 mkelly PASS mkelly
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749 r400cl_ucp_combos_56 00:00:55 mkelly PASS mkelly
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750 r400cl_ucp_combos_57 00:00:54 mkelly PASS mkelly
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751 r400cl_ucp_combos_58 00:00:55 mkelly PASS mkelly
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752 r400cl_ucp_combos_59 00:00:55 mkelly PASS mkelly
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753 r400cl_ucp_combos_60 00:00:55 mkelly PASS mkelly

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  754 r400cl_ucp_combos_61                              00:00:55 mkelly PASS    mkelly
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  755 r400cl_ucp_combos_62                              00:00:55 mkelly PASS    mkelly
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  756 r400cl_ucp_combos_63                              00:00:56 mkelly PASS    mkelly
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  757 r400cl_ucp_combos_64                              00:00:54 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400cl_ucp_combos_64

  758 r400cl_ucp_pointlist_01                           00:00:18 mkelly PASS    mkelly
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  759 r400cl_vertex_reuse_clip_01                       00:00:50 mkelly PASS    mkelly
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  760 r400cl_vtx_kill_01                                00:00:10 mkelly PASS    mkelly
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  761 r400cl_vtx_kill_02                                00:00:10 mkelly PASS    mkelly
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  762 r400cl_w_eq_0                                     00:00:10 mkelly PASS    mkelly
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  763 r400cl_clip_edgeflags_frustum_corners_01          00:00:10 mkelly PASS    mkelly
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1
  764 r400cl_clip_edgeflags_frustum_corners_02          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400cl_clip_edgeflags_frustum_corners_0
2
  765 r400vgt_auto_index_line_list_01                   00:00:12 mkelly PASS    mkelly
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  766 r400vgt_auto_index_line_loop_01                   00:00:12 mkelly PASS    mkelly
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  767 r400vgt_auto_index_line_strip_01                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_auto_index_line_strip_01

  768 r400vgt_auto_index_points_01                      00:00:11 mkelly PASS    mkelly
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  769 r400vgt_auto_index_polygon_01                     00:00:12 mkelly PASS    mkelly

\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_auto_index_polygon_01

770 r400vgt_auto_index_primtypes_01 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_auto_index_primtypes_01

771 r400vgt_auto_index_quad_list_01 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_auto_index_quad_list_01

772 r400vgt_auto_index_quad_strip_01 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_auto_index_quad_strip_01

773 r400vgt_auto_index_rectangle_list_01 00:00:13 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_auto_index_rectangle_list_01

774 r400vgt_auto_index_tri_fan_01 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_auto_index_tri_fan_01

775 r400vgt_auto_index_tri_list_01 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_auto_index_tri_list_01

776 r400vgt_auto_index_tri_strip_01 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_auto_index_tri_strip_01

777 r400vgt_auto_index_tri_wflags_01 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_auto_index_tri_wflags_01

778 r400vgt_debug_registers_01 00:00:10 mkelly PASS mkelly
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779 r400vgt_dma_engine_01 00:00:13 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_dma_engine_01

780 r400vgt_dma_engine_02 00:00:13 mkelly PASS mkelly
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781 r400vgt_dma_engine_03 00:00:14 mkelly PASS mkelly
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782 r400vgt_dma_engine_04 00:00:14 mkelly PASS mkelly
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783 r400vgt_dma_engine_05 00:00:14 mkelly PASS mkelly
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784 r400vgt_dma_engine_06 00:00:11 mkelly PASS mkelly
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785 r400vgt_dma_engine_07 00:00:12 mkelly PASS mkelly

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786 r400vgt_dma_engine_08 00:00:13 mkelly PASS mkelly
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787 r400vgt_dma_engine_09 00:00:14 mkelly PASS mkelly
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788 r400vgt_dma_engine_10 00:00:13 mkelly PASS mkelly
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789 r400vgt_dma_index_line_list_01 00:00:11 mkelly PASS mkelly
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790 r400vgt_dma_index_line_loop_01 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_dma_index_line_loop_01

791 r400vgt_dma_index_line_strip_01 00:00:11 mkelly PASS mkelly
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792 r400vgt_dma_index_points_01 00:00:11 mkelly PASS mkelly
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793 r400vgt_dma_index_polygon_01 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_dma_index_polygon_01

794 r400vgt_dma_index_primtypes_01 00:00:11 mkelly PASS mkelly
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795 r400vgt_dma_index_primtypes_02 00:00:14 mkelly PASS mkelly
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796 r400vgt_dma_index_quad_list_01 00:00:12 mkelly PASS mkelly
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797 r400vgt_dma_index_quad_strip_01 00:00:12 mkelly PASS mkelly
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798 r400vgt_dma_index_rectangle_list_01 00:00:12 mkelly PASS mkelly
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799 r400vgt_dma_index_tri_fan_01 00:00:12 mkelly PASS mkelly
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800 r400vgt_dma_index_tri_list_01 00:00:12 mkelly PASS mkelly
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801 r400vgt_dma_index_tri_strip_01 00:00:12 mkelly PASS mkelly

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802 r400vgt_dma_index_tri_wflags_01 00:00:11 mkelly PASS mkelly
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803 r400vgt_dma_swap_indx16_01 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_dma_swap_indx16_01

804 r400vgt_dma_swap_indx16_agp_01 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_dma_swap_indx16_agp_01

805 r400vgt_dma_swap_indx16_pci_01 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_dma_swap_indx16_pci_01

806 r400vgt_dma_swap_indx32_01 00:00:13 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_dma_swap_indx32_01

807 r400vgt_dma_swap_indx32_agp_01 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_dma_swap_indx32_agp_01

808 r400vgt_dma_swap_indx32_pci_01 00:00:13 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_dma_swap_indx32_pci_01

809 r400vgt_draw_init_fifo_depth_01 00:01:13 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_draw_init_fifo_depth_01

810 r400vgt_edgeflags_polygon_01 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_edgeflags_polygon_01

811 r400vgt_edgeflags_quad_list_01 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_edgeflags_quad_list_01

812 r400vgt_edgeflags_quad_strip_01 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_edgeflags_quad_strip_01

813 r400vgt_edgeflags_triangle_fan_01 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_edgeflags_triangle_fan_01

814 r400vgt_edgeflags_triangle_list_01 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_edgeflags_triangle_list_01

815 r400vgt_edgeflags_triangle_strip_01 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_edgeflags_triangle_strip_01

816 r400vgt_edgeflags_triangle_wflags_01 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_edgeflags_triangle_wflags_01

817 r400vgt_event_handling_01 00:00:11 mkelly PASS mkelly

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\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_event_handling_01

  818 r400vgt_event_handling_02                          00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_event_handling_02

  819 r400vgt_event_handling_03                          00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_event_handling_03

  820 r400vgt_event_handling_04                          00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_event_handling_04

  821 r400vgt_ext2int_index_line_list_01                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_ext2int_index_line_list_01

  822 r400vgt_ext2int_index_line_loop_01                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_ext2int_index_line_loop_01

  823 r400vgt_ext2int_index_line_strip_01                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_ext2int_index_line_strip_01

  824 r400vgt_ext2int_index_points_01                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_ext2int_index_points_01

  825 r400vgt_ext2int_index_polygon_01                   00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_ext2int_index_polygon_01

  826 r400vgt_ext2int_index_quad_list_01                 00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_ext2int_index_quad_list_01

  827 r400vgt_ext2int_index_quad_strip_01                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_ext2int_index_quad_strip_01

  828 r400vgt_ext2int_index_rectangle_list_01            00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_ext2int_index_rectangle_list_01

  829 r400vgt_ext2int_index_triangle_fan_01              00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_ext2int_index_triangle_fan_01

  830 r400vgt_ext2int_index_triangle_list_01             00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_ext2int_index_triangle_list_01

  831 r400vgt_ext2int_index_triangle_strip_01            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_ext2int_index_triangle_strip_01

  832 r400vgt_ext2int_index_triangle_wflags_01           00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_ext2int_index_triangle_wflags_0
1
  833 r400vgt_hos_auto_index_line_list_01                00:00:15 mkelly PASS    mkelly
```

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\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_hos_auto_index_line_list_01

  834 r400vgt_hos_auto_index_quad_list_01               00:01:36 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_hos_auto_index_quad_list_01

  835 r400vgt_hos_auto_index_triangle_list_01           00:01:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_hos_auto_index_triangle_list_01

  836 r400vgt_hos_cubic_pos_pnt_discrete_01             00:00:24 mkelly FAIL
 compare mismatch **
  837 r400vgt_hos_LINE_adaptive_complex                 00:00:12 mkelly FAIL
 compare mismatch **
  838 r400vgt_hos_LPatch_01                             00:00:16 mkelly FAIL
 compare mismatch **
  839 r400vgt_hos_multi_prim_reset_index_01             00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_hos_multi_prim_reset_index_01

  840 r400vgt_hos_PNl_adaptive_complex                  00:00:11 mkelly FAIL
 compare mismatch **
  841 r400vgt_hos_PNL_cp_ln_cont_no_projection_01       00:00:15 mkelly FAIL
 compare mismatch **
  842 r400vgt_hos_PNL_lp_ln_cont_no_projection_01       00:00:15 mkelly FAIL
 gold or cmp file mis
  843 r400vgt_hos_PNQ_adaptive_complex                  00:00:27 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_hos_PNQ_adaptive_complex

  844 r400vgt_hos_PNQ_cp_qn_cont_light_texture_01       00:02:23 mkelly FAIL
 compare mismatch **
  845 r400vgt_hos_PNQ_cp_qn_cont_light_texture_02       00:02:25 mkelly FAIL
 compare mismatch **
  846 r400vgt_hos_PNQ_cp_qn_cont_no_projection_01       00:00:49 mkelly FAIL
 compare mismatch **
  847 r400vgt_hos_PNQ_lp_cont_no_projection_01          00:00:38 mkelly FAIL
 compare mismatch **
  848 r400vgt_hos_PNT_adaptive                          00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_hos_PNT_adaptive

  849 r400vgt_hos_PNT_adaptive_complex                  00:03:13 mkelly FAIL
 compare mismatch **
  850 r400vgt_hos_PNT_cont_cp_qn_complex_01             00:02:25 mkelly FAIL
 gold or cmp file mis
  851 r400vgt_hos_PNT_cont_cp_qn_precision_01           00:00:31 mkelly FAIL
 compare mismatch **
  852 r400vgt_hos_PNT_cont_cp_qn_precision_02           00:00:42 mkelly FAIL
 compare mismatch **
  853 r400vgt_hos_PNT_cp_qn_cont_light_texture_01       00:00:50 mkelly FAIL
 gold or cmp file mis
  854 r400vgt_hos_PNT_cp_qn_cont_light_texture_02       00:00:51 mkelly FAIL
```

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 gold or cmp file mis
  855 r400vgt_hos_PNT_cp_qn_cont_light_texture_03        00:00:52 mkelly FAIL
 gold or cmp file mis
  856 r400vgt_hos_PNT_cp_qn_cont_moving_normals_01       00:01:38 mkelly FAIL
 gold or cmp file mis
  857 r400vgt_hos_PNT_cp_qn_cont_no_projection_01        00:00:28 mkelly FAIL
 compare mismatch **
  858 r400vgt_hos_PNT_cp_qn_disc_14_04_lit_tex_proj_01   00:00:16 mkelly FAIL
 gold or cmp file mis
  859 r400vgt_hos_PNT_disc_cp_qn_complex_01              00:01:59 mkelly FAIL
 gold or cmp file mis
  860 r400vgt_hos_PNT_disc_cp_qn_light_texture_01        00:00:25 mkelly FAIL
 gold or cmp file mis
  861 r400vgt_hos_PNT_disc_cp_qn_no_projection_01        00:00:18 mkelly FAIL
 compare mismatch **
  862 r400vgt_hos_PNT_disc_cp_qn_precision_01            00:00:18 mkelly FAIL
 compare mismatch **
  863 r400vgt_hos_PNT_disc_cp_qn_precision_02            00:00:33 mkelly FAIL
 compare mismatch **
  864 r400vgt_hos_PNT_edge_detection_01                  00:01:41 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_hos_PNT_edge_detection_01

  865 r400vgt_hos_PNT_lp_cont_no_projection_01           00:00:31 mkelly FAIL
 compare mismatch **
  866 r400vgt_hos_PNTQL_cp_qn_cont_stress_01             00:00:54 mkelly FAIL
 gold or cmp file mis
  867 r400vgt_hos_RECT_adaptive_complex                  00:01:12 mkelly FAIL
 compare mismatch **
  868 r400vgt_hos_RPatch_cp_02                           00:02:04 mkelly FAIL
 gold or cmp file mis
  869 r400vgt_hos_RPatch_lp_02                           00:01:51 mkelly FAIL
 gold or cmp file mis
  870 r400vgt_hos_RTL_stress_01                          00:01:20 mkelly FAIL
 gold or cmp file mis
  871 r400vgt_hos_simple_linear_PNT_discrete_01          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_hos_simple_linear_PNT_discrete_
01
  872 r400vgt_hos_TPatch_01                              00:00:45 mkelly FAIL
 compare mismatch **
  873 r400vgt_hos_TPatch_02                              00:01:03 mkelly FAIL
 gold or cmp file mis
  874 r400vgt_hos_TRI_adaptive_complex                   00:00:34 mkelly FAIL
 compare mismatch **
  875 r400vgt_immed_index_line_list_01                   00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_immed_index_line_list_01

  876 r400vgt_immed_index_line_loop_01                   00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_immed_index_line_loop_01
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  877 r400vgt_immed_index_line_strip_01                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_immed_index_line_strip_01

  878 r400vgt_immed_index_points_01                      00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_immed_index_points_01

  879 r400vgt_immed_index_polygon_01                     00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_immed_index_polygon_01

  880 r400vgt_immed_index_primtypes_01                   00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_immed_index_primtypes_01

  881 r400vgt_immed_index_quad_list_01                   00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_immed_index_quad_list_01

  882 r400vgt_immed_index_quad_strip_01                  00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_immed_index_quad_strip_01

  883 r400vgt_immed_index_rectangle_list_01              00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_immed_index_rectangle_list_01

  884 r400vgt_immed_index_tri_fan_01                     00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_immed_index_tri_fan_01

  885 r400vgt_immed_index_tri_list_01                    00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_immed_index_tri_list_01

  886 r400vgt_immed_index_tri_strip_01                   00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_immed_index_tri_strip_01

  887 r400vgt_immed_index_tri_wflags_01                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_immed_index_tri_wflags_01

  888 r400vgt_index_dealloc_line_list_01                 00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_index_dealloc_line_list_01

  889 r400vgt_index_dealloc_points_01                    00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_index_dealloc_points_01

  890 r400vgt_index_dealloc_triangle_list_01             00:00:26 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_index_dealloc_triangle_list_01

  891 r400vgt_index_min_max_01                           00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_index_min_max_01

  892 r400vgt_index_min_max_02                           00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_index_min_max_02
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  893 r400vgt_index_min_max_03                          00:00:14 mkelly FAIL
 compare mismatch **
  894 r400vgt_index_min_max_04                          00:00:13 mkelly FAIL
 compare mismatch **
  895 r400vgt_index_offset_01                           00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_index_offset_01

  896 r400vgt_index_offset_02                           00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_index_offset_02

  897 r400vgt_index_offset_03                           00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_index_offset_03

  898 r400vgt_index_offset_04                           00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_index_offset_04

  899 r400vgt_index_offset_05                           00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_index_offset_05

  900 r400vgt_index_offset_06                           00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_index_offset_06

  901 r400vgt_index_offset_07                           00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_index_offset_07

  902 r400vgt_index_offset_08                           00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_index_offset_08

  903 r400vgt_index_size_01                             00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_index_size_01

  904 r400vgt_index_size_02                             00:00:11 mkelly FAIL
 compare mismatch **
  905 r400vgt_index_source_switch_01                    00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_index_source_switch_01

  906 r400vgt_line_list_01                              00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_line_list_01

  907 r400vgt_line_list_02                              00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_line_list_02

  908 r400vgt_line_loop_01                              00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_line_loop_01

  909 r400vgt_line_loop_02                              00:00:21 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_line_loop_02
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  910 r400vgt_line_strip_01                           00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_line_strip_01

  911 r400vgt_line_strip_02                           00:00:22 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_line_strip_02

  912 r400vgt_local_tonemapping                       00:01:58 mkelly FAIL
 gold or cmp file mis
  913 r400vgt_multi_context_01                        00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_multi_context_01

  914 r400vgt_multi_context_02                        00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_multi_context_02

  915 r400vgt_multi_context_03                        00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_multi_context_03

  916 r400vgt_multi_context_04                        00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_multi_context_04

  917 r400vgt_multi_context_05                        00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_multi_context_05

  918 r400vgt_multi_context_06                        00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_multi_context_06

  919 r400vgt_multi_context_07                        00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_multi_context_07

  920 r400vgt_multi_context_08                        00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_multi_context_08

  921 r400vgt_multi_context_09                        00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_multi_context_09

  922 r400vgt_multi_context_10                        00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_multi_context_10

  923 r400vgt_multi_context_11                        00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_multi_context_11

  924 r400vgt_multi_context_12                        00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_multi_context_12

  925 r400vgt_multi_pass_pix_shader_01                00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_multi_pass_pix_shader_01
```

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  926 r400vgt_multi_pass_pix_shader_02                   00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_multi_pass_pix_shader_02

  927 r400vgt_multi_pass_pix_shader_03                   00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_multi_pass_pix_shader_03

  928 r400vgt_multi_pass_pix_shader_04                   00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_multi_pass_pix_shader_04

  929 r400vgt_multi_pass_pix_shader_05                   00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_multi_pass_pix_shader_05

  930 r400vgt_multi_pass_pix_shader_06                   00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_multi_pass_pix_shader_06

  931 r400vgt_multi_pass_pix_shader_07                   00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_multi_pass_pix_shader_07

  932 r400vgt_multi_pass_pix_shader_08                   00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_multi_pass_pix_shader_08

  933 r400vgt_multi_prim_reset_index_all_01              00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_multi_prim_reset_index_all_01

  934 r400vgt_multi_prim_reset_index_all_02              00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_multi_prim_reset_index_all_02

  935 r400vgt_multi_prim_reset_index_all_03              00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_multi_prim_reset_index_all_03

  936 r400vgt_multi_prim_reset_index_all_04              00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_multi_prim_reset_index_all_04

  937 r400vgt_multi_prim_reset_index_all_05              00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_multi_prim_reset_index_all_05

  938 r400vgt_multi_prim_reset_index_all_06              00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_multi_prim_reset_index_all_06

  939 r400vgt_multi_prim_reset_index_all_07              00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_multi_prim_reset_index_all_07

  940 r400vgt_pass_thru_all_prims_01                     00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_pass_thru_all_prims_01

  941 r400vgt_pass_thru_all_prims_02                     00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_pass_thru_all_prims_02
```

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  942 r400vgt_perf_counters_events_01                    00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_perf_counters_events_01

  943 r400vgt_point_list_01                              00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_point_list_01

  944 r400vgt_point_list_02                              00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_point_list_02

  945 r400vgt_polygon_01                                 00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_polygon_01

  946 r400vgt_polygon_02                                 00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_polygon_02

  947 r400vgt_provoking_vtx_all_01                       00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_provoking_vtx_all_01

  948 r400vgt_provoking_vtx_edgeflags_all_01             00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_provoking_vtx_edgeflags_all_01

  949 r400vgt_provoking_vtx_polygon_01                   00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_provoking_vtx_polygon_01

  950 r400vgt_provoking_vtx_quad_list_01                 00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_provoking_vtx_quad_list_01

  951 r400vgt_provoking_vtx_quad_strip_01                00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_provoking_vtx_quad_strip_01

  952 r400vgt_provoking_vtx_tri_fan_01                   00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_provoking_vtx_tri_fan_01

  953 r400vgt_provoking_vtx_tri_strip_01                 00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_provoking_vtx_tri_strip_01

  954 r400vgt_quad_list_01                               00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_quad_list_01

  955 r400vgt_quad_list_02                               00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_quad_list_02

  956 r400vgt_quad_strip_01                              00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_quad_strip_01

  957 r400vgt_quad_strip_02                              00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_quad_strip_02
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  958 r400vgt_rbbm_reg_read                              00:00:05 mkelly FAIL
 gold or cmp file mis
  959 r400vgt_real_time_events_01                        00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_real_time_events_01

  960 r400vgt_real_time_events_02                        00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_real_time_events_02

  961 r400vgt_real_time_events_03                        00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_real_time_events_03

  962 r400vgt_real_time_events_04                        00:01:04 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_real_time_events_04

  963 r400vgt_real_time_events_05                        00:01:03 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_real_time_events_05

  964 r400vgt_real_time_events_06                        00:01:05 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_real_time_events_06

  965 r400vgt_real_time_events_07                        00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_real_time_events_07

  966 r400vgt_rectangle_list_01                          00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_rectangle_list_01

  967 r400vgt_rectangle_list_02                          00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_rectangle_list_02

  968 r400vgt_reuse_depth_line_list_01                   00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_reuse_depth_line_list_01

  969 r400vgt_reuse_depth_line_strip_01                  00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_reuse_depth_line_strip_01

  970 r400vgt_reuse_depth_point_list_01                  00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_reuse_depth_point_list_01

  971 r400vgt_reuse_depth_triangle_fan_01                00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_reuse_depth_triangle_fan_01

  972 r400vgt_reuse_depth_triangle_list_01               00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_reuse_depth_triangle_list_01

  973 r400vgt_reuse_depth_triangle_strip_01              00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_reuse_depth_triangle_strip_01

  974 r400vgt_reuse_index_line_list_01                   00:00:27 mkelly PASS    mkelly
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\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_reuse_index_line_list_01

  975 r400vgt_reuse_index_point_list_01                  00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_reuse_index_point_list_01

  976 r400vgt_reuse_index_triangle_list_01               00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_reuse_index_triangle_list_01

  977 r400vgt_reuse_index_triangle_list_02               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_reuse_index_triangle_list_02

  978 r400vgt_reuse_index_triangle_list_03               00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_reuse_index_triangle_list_03

  979 r400vgt_simple_register_indirect                   00:00:27 mkelly FAIL
 gold or cmp file mis
  980 r400vgt_suppress_eop_01                            00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_suppress_eop_01

  981 r400vgt_suppress_eop_02                            00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_suppress_eop_02

  982 r400vgt_suppress_eop_03                            00:00:21 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_suppress_eop_03

  983 r400vgt_suppress_eop_04                            00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_suppress_eop_04

  984 r400vgt_suppress_eop_05                            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_suppress_eop_05

  985 r400vgt_triangle_fan_01                            00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_triangle_fan_01

  986 r400vgt_triangle_fan_02                            00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_triangle_fan_02

  987 r400vgt_triangle_list_01                           00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_triangle_list_01

  988 r400vgt_triangle_list_02                           00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_triangle_list_02

  989 r400vgt_triangle_strip_01                          00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_triangle_strip_01

  990 r400vgt_triangle_strip_02                          00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_triangle_strip_02
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  991 r400vgt_triangle_wflags_01                          00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_triangle_wflags_01

  992 r400vgt_triangle_wflags_02                          00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_triangle_wflags_02

  993 r400vgt_viz_query_01                                00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_viz_query_01

  994 r400vgt_vtx_export_very_very_simple_01              00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_vtx_export_very_very_simple_01

  995 r400vgt_vtx_export_very_very_simple_02              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_vtx_export_very_very_simple_02

  996 r400vgt_vtx_export_very_very_simple_03              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_vtx_export_very_very_simple_03

  997 r400vgt_vtx_export_very_very_simple_04              00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_vtx_export_very_very_simple_04

  998 r400vgt_vtx_vect_eject_01                           00:00:21 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_vtx_vect_eject_01

  999 r400vgt_vtx_vector_packing_01                       00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vgt_vtx_vector_packing_01

 1000 r400su_4tri_text_offscreen_01                       00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_4tri_text_offscreen_01

 1001 r400su_4trilist_edges_offscreen_01                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_4trilist_edges_offscreen_01

 1002 r400su_back_face_fan_01                             00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_back_face_fan_01

 1003 r400su_baryc_test_01                                00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_baryc_test_01

 1004 r400su_baryc_test_02                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_baryc_test_02

 1005 r400su_baryc_test_03                                00:00:44 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_baryc_test_03

 1006 r400su_baryc_test_04                                00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_baryc_test_04
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 1007 r400su_baryc_test_05                              00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_baryc_test_05

 1008 r400su_baryc_test_06                              00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_baryc_test_06

 1009 r400su_baryc_test_07                              00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_baryc_test_07

 1010 r400su_baryc_test_08                              00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_baryc_test_08

 1011 r400su_clip_baryc_test_01                         00:00:11 mkelly FAIL
 compare mismatch **
 1012 r400su_clip_baryc_test_02                         00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_clip_baryc_test_02

 1013 r400su_clip_baryc_test_03                         00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_clip_baryc_test_03

 1014 r400su_clip_baryc_test_04                         00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_clip_baryc_test_04

 1015 r400su_clip_baryc_test_05                         00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_clip_baryc_test_05

 1016 r400su_clip_baryc_test_06                         00:00:13 mkelly FAIL
 compare mismatch **
 1017 r400su_clip_baryc_test_07                         00:00:13 mkelly FAIL
 compare mismatch **
 1018 r400su_clip_baryc_test_08                         00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_clip_baryc_test_08

 1019 r400su_clip_edgeflag_polymode_01                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_clip_edgeflag_polymode_01

 1020 r400su_clip_line_end_cap_functional_01            00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_clip_line_end_cap_functional_01

 1021 r400su_clip_pointsize_test_01                     00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_clip_pointsize_test_01

 1022 r400su_clip_pointtest_01                          00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_clip_pointtest_01

 1023 r400su_clip_pointtest_02                          00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_clip_pointtest_02
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 1024 r400su_clip_pointtest_03                          00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_clip_pointtest_03

 1025 r400su_clip_pointtest_04                          00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_clip_pointtest_04

 1026 r400su_clip_polymode_random_01                    00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_clip_polymode_random_01

 1027 r400su_clip_polymode_random_02                    00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_clip_polymode_random_02

 1028 r400su_clip_polymode_test_01                      00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_clip_polymode_test_01

 1029 r400su_clip_polymode_test_02                      00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_clip_polymode_test_02

 1030 r400su_clip_polymode_test_03                      00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_clip_polymode_test_03

 1031 r400su_clip_provoking_vtx_edgeflags_triangle_01   00:00:18 mkelly FAIL
 compare mismatch **
 1032 r400su_clip_provoking_vtx_edgeflags_triangle_02   00:00:19 mkelly FAIL
 compare mismatch **
 1033 r400su_clipline_01                                00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_clipline_01

 1034 r400su_clippoint_01                               00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_clippoint_01

 1035 r400su_clipvertexsorting_01                       00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_clipvertexsorting_01

 1036 r400su_clipvertexsorting_02                       00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_clipvertexsorting_02

 1037 r400su_clipvertexsorting_03                       00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_clipvertexsorting_03

 1038 r400su_clipvertexsorting_polymode_01              00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_clipvertexsorting_polymode_01

 1039 r400su_clipvertexsorting_polymode_02              00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_clipvertexsorting_polymode_02

 1040 r400su_clipvertexsortingfunctional_01             00:00:11 mkelly PASS    mkelly
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\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_clipvertexsortingfunctional_01

 1041 r400su_cullingfunctional_01                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_cullingfunctional_01

 1042 r400su_degentri_test_01                              00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_degentri_test_01

 1043 r400su_degentri_test_02                              00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_degentri_test_02

 1044 r400su_degentri_test_03                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_degentri_test_03

 1045 r400su_degentri_test_04                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_degentri_test_04

 1046 r400su_edge_flag_01                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_edge_flag_01

 1047 r400su_edge_flag_02                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_edge_flag_02

 1048 r400su_edgeflags_triangle_01                         00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_edgeflags_triangle_01

 1049 r400su_edgeflags_triangle_02                         00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_edgeflags_triangle_02

 1050 r400su_geom_sort_01                                  00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_geom_sort_01

 1051 r400su_line_clip_end_cap_01                          00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_line_clip_end_cap_01

 1052 r400su_line_clip_end_cap_width_functional_02         00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_line_clip_end_cap_width_function
al_02
 1053 r400su_line_clip_orientation_01                      00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_line_clip_orientation_01

 1054 r400su_line_clip_orientation_02                      00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_line_clip_orientation_02

 1055 r400su_line_clip_x_major_01                          00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_line_clip_x_major_01

 1056 r400su_line_end_cap_functional_01                    00:00:13 mkelly PASS    mkelly

\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_line_end_cap_functional_01

 1057 r400su_line_end_cap_width_functional_02 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_line_end_cap_width_functional_02

 1058 r400su_line_orientation_01 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_line_orientation_01

 1059 r400su_line_orientation_02 00:00:14 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_line_orientation_02

 1060 r400su_line_orientation_dx01_01 00:00:13 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_line_orientation_dx01_01

 1061 r400su_line_orientation_dx01_02 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_line_orientation_dx01_02

 1062 r400su_line_orientation_dy01_01 00:00:13 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_line_orientation_dy01_01

 1063 r400su_line_orientation_dy01_02 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_line_orientation_dy01_02

 1064 r400su_line_test_01 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_line_test_01

 1065 r400su_line_test_02 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_line_test_02

 1066 r400su_line_x_major_01 00:00:15 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_line_x_major_01

 1067 r400su_line_x_major_02 00:00:16 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_line_x_major_02

 1068 r400su_line_y_major_01 00:00:16 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_line_y_major_01

 1069 r400su_line_y_major_02 00:00:15 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_line_y_major_02

 1070 r400su_longstrip_01 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_longstrip_01

 1071 r400su_multi_context_01 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_multi_context_01

 1072 r400su_multi_prim_01 00:00:11 mkelly PASS mkelly

\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_multi_prim_01

1073 r400su_multi_prim_02 00:00:20 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_multi_prim_02

1074 r400su_parallel_orientation_all_01 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_parallel_orientation_all_01

1075 r400su_parallel_orientation_all_02 00:00:13 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_parallel_orientation_all_02

1076 r400su_pc_management_01 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_pc_management_01

1077 r400su_pc_management_02 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_pc_management_02

1078 r400su_pc_management_03 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_pc_management_03

1079 r400su_point_sprite_01 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_point_sprite_01

1080 r400su_point_sprite_02 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_point_sprite_02

1081 r400su_point_sprite_03 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_point_sprite_03

1082 r400su_point_sprite_04 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_point_sprite_04

1083 r400su_point_sprite_05 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_point_sprite_05

1084 r400su_point_sprite_06 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_point_sprite_06

1085 r400su_point_sprite_07 00:00:17 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_point_sprite_07

1086 r400su_point_sprite_08 00:00:17 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_point_sprite_08

1087 r400su_point_sprite_09 00:00:21 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_point_sprite_09

1088 r400su_point_w16_h1_functional_01 00:00:11 mkelly PASS mkelly

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\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_point_w16_h1_functional_01

 1089 r400su_point_w1_h16_functional_01                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_point_w1_h16_functional_01

 1090 r400su_pointsizepresent_01                         00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_pointsizepresent_01

 1091 r400su_pointsizepresent_02                         00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_pointsizepresent_02

 1092 r400su_pointsizepresent_03                         00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_pointsizepresent_03

 1093 r400su_polymode_culling_face_01                    00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_polymode_culling_face_01

 1094 r400su_polymode_culling_face_02                    00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_polymode_culling_face_02

 1095 r400su_polymode_lines_degen_triangle_01            00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_polymode_lines_degen_triangle_01

 1096 r400su_polymode_lines_degen_triangle_02            00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_polymode_lines_degen_triangle_02

 1097 r400su_polymode_lines_degen_triangle_03            00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_polymode_lines_degen_triangle_03

 1098 r400su_polymode_lines_zero_area_triangle_01        00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_polymode_lines_zero_area_triangl
e_01
 1099 r400su_polymode_lines_zero_area_triangle_02        00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_polymode_lines_zero_area_triangl
e_02
 1100 r400su_polymode_multi_prim_01                      00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_polymode_multi_prim_01

 1101 r400su_polymode_points_degen_triangle_01           00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_polymode_points_degen_triangle_0
1
 1102 r400su_polymode_points_degen_triangle_02           00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_polymode_points_degen_triangle_0
2
 1103 r400su_polymode_points_zero_area_triangle_01       00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_polymode_points_zero_area_triang
le_01
 1104 r400su_polymode_points_zero_area_triangle_02       00:00:17 mkelly PASS    mkelly
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\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_polymode_points_zero_area_triang
le_02
 1105 r400su_polymode_rectangle_01                      00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_polymode_rectangle_01

 1106 r400su_polymode_zero_area_triangle_01             00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_polymode_zero_area_triangle_01

 1107 r400su_polymode_zero_area_triangle_02             00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_polymode_zero_area_triangle_02

 1108 r400su_polymode_zero_area_triangle_03             00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_polymode_zero_area_triangle_03

 1109 r400su_polymode_zero_area_triangle_04             00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_polymode_zero_area_triangle_04

 1110 r400su_polymodeculling_01                         00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_polymodeculling_01

 1111 r400su_polymodefunctional_01                      00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_polymodefunctional_01

 1112 r400su_provok_vtx_polymode_mix_point_lines_01     00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_provok_vtx_polymode_mix_point_li
nes_01
 1113 r400su_provoking_vtx_edgeflags_triangle_01        00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_provoking_vtx_edgeflags_triangle
_01
 1114 r400su_provoking_vtx_edgeflags_triangle_02        00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_provoking_vtx_edgeflags_triangle
_02
 1115 r400su_provoking_vtx_edgeflags_triangle_03        00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_provoking_vtx_edgeflags_triangle
_03
 1116 r400su_provoking_vtx_edgeflags_triangle_04        00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_provoking_vtx_edgeflags_triangle
_04
 1117 r400su_provoking_vtx_line_01                      00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_provoking_vtx_line_01

 1118 r400su_provoking_vtx_point_01                     00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_provoking_vtx_point_01

 1119 r400su_provoking_vtx_polymode_rectangle_01        00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_provoking_vtx_polymode_rectangle
_01
 1120 r400su_provoking_vtx_rectangle_01                 00:00:10 mkelly PASS    mkelly
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\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_provoking_vtx_rectangle_01

 1121 r400su_provoking_vtx_triangle_01                    00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_provoking_vtx_triangle_01

 1122 r400su_rand_line_01                                 00:00:21 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_rand_line_01

 1123 r400su_rand_point_01                                00:00:21 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_rand_point_01

 1124 r400su_rand_tri_01                                  00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_rand_tri_01

 1125 r400su_rbbm_reg_read                                00:00:05 mkelly FAIL
 gold or cmp file mis
 1126 r400su_rectangle_01                                 00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_rectangle_01

 1127 r400su_rectangle_list_01                            00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_rectangle_list_01

 1128 r400su_simple_register_indirect                     00:00:09 mkelly FAIL
 gold or cmp file mis
 1129 r400su_sliver_01                                    00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_sliver_01

 1130 r400su_stress_01                                    00:02:46 mkelly FAIL
 compare mismatch **
 1131 r400su_stress_02                                    00:01:51 mkelly FAIL
 compare mismatch **
 1132 r400su_stress_03                                    00:01:53 mkelly FAIL
 compare mismatch **
 1133 r400su_triarea_test_01                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_triarea_test_01

 1134 r400su_triarea_test_02                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_triarea_test_02

 1135 r400su_triarea_test_03                              00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_triarea_test_03

 1136 r400su_triarea_test_04                              00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_triarea_test_04

 1137 r400su_vertexsortingfunctional_01                   00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_vertexsortingfunctional_01
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 1138 r400su_w_grad_test_01                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_w_grad_test_01

 1139 r400su_w_grad_test_02                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_w_grad_test_02

 1140 r400su_w_grad_test_03                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_w_grad_test_03

 1141 r400su_z_grad_test_01                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_z_grad_test_01

 1142 r400su_z_grad_test_02                              00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_z_grad_test_02

 1143 r400su_z_grad_test_03                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_z_grad_test_03

 1144 r400su_zero_area_test_01                           00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_zero_area_test_01

 1145 r400su_zero_area_test_02                           00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_zero_area_test_02

 1146 r400su_zero_area_test_03                           00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_zero_area_test_03

 1147 r400su_zero_area_test_04                           00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400su_zero_area_test_04

 1148 r400vte_coverage_02                                00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vte_coverage_02

 1149 r400vte_mult_msbs_01                               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vte_mult_msbs_01

 1150 r400vte_inf_nan_02                                 00:00:22 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vte_inf_nan_02

 1151 r400vte_many_reciprocals_01                        00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vte_many_reciprocals_01

 1152 r400vte_z_veu_msb_01                               00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vte_z_veu_msb_01

 1153 r400vte_y_veu_msb_01                               00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vte_y_veu_msb_01
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 1154 r400vte_x_veu_msb_01                                00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vte_x_veu_msb_01

 1155 r400vte_inf_nan_01                                  00:00:34 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vte_inf_nan_01

 1156 r400vte_clip_perspective_texture_04                 00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vte_clip_perspective_texture_04

 1157 r400vte_clip_perspective_texture_03                 00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vte_clip_perspective_texture_03

 1158 r400vte_clip_perspective_texture_02                 00:00:19 mkelly FAIL
 compare mismatch **
 1159 r400vte_clip_perspective_texture_01                 00:00:30 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vte_clip_perspective_texture_01

 1160 r400vte_combos_01                                   00:00:58 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vte_combos_01

 1161 r400vte_combos_02                                   00:00:24 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vte_combos_02

 1162 r400vte_combos_03                                   00:00:21 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vte_combos_03

 1163 r400vte_coverage_01                                 00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vte_coverage_01

 1164 r400vte_perf_01                                     00:00:14 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vte_perf_01

 1165 r400vte_perf_02                                     00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vte_perf_02

 1166 r400vte_perf_03                                     00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vte_perf_03

 1167 r400vte_pos_neg_combo_01                            00:00:34 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vte_pos_neg_combo_01

 1168 r400vte_pos_neg_combo_02                            00:00:34 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vte_pos_neg_combo_02

 1169 r400vte_pos_neg_combo_03                            00:00:36 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vte_pos_neg_combo_03

 1170 r400vte_simple_point_01                             00:00:10 mkelly PASS    mkelly
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\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vte_simple_point_01

1171 r400vte_simple_triangle_01 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vte_simple_triangle_01

1172 r400vte_w0_fmt_01 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vte_w0_fmt_01

1173 r400vte_w0_fmt_02 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vte_w0_fmt_02

1174 r400vte_w0_fmt_03 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vte_w0_fmt_03

1175 r400vte_w0_fmt_04 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vte_w0_fmt_04

1176 r400vte_w0_fmt_05 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vte_w0_fmt_05

1177 r400vte_w0_fmt_06 00:00:15 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vte_w0_fmt_06

1178 r400vte_xy_fmt_01 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vte_xy_fmt_01

1179 r400vte_xy_fmt_02 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vte_xy_fmt_02

1180 r400vte_xy_fmt_03 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vte_xy_fmt_03

1181 r400vte_xyz_scale_01 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vte_xyz_scale_01

1182 r400vte_xyz_scale_02 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vte_xyz_scale_02

1183 r400vte_z_fmt_01 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vte_z_fmt_01

1184 r400vte_z_fmt_02 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vte_z_fmt_02

1185 r400vte_z_fmt_03 00:00:13 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vte_z_fmt_03

1186 r400vte_z_fmt_04 00:00:14 mkelly PASS mkelly

\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400vte_z_fmt_04

1187 r400sanity_vfd_texture_sample_01 00:00:13 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400sanity_vfd_texture_sample_01

1188 primlib_1st_tri_june15 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/primlib_1st_tri_june15

1189 primlib_gouraud_tri_1_xyz_vb_1_rgb_vb 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/primlib_gouraud_tri_1_xyz_vb_1_rgb_vb

1190 primlib_gouraud_triangles_2_draw_passes 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/primlib_gouraud_triangles_2_draw_passes

1191 primlib_parameterized_simple_triangle 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/primlib_parameterized_simple_triangle

1192 primlib_template_simple_triangle 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/primlib_template_simple_triangle

1193 primlib_tex_tri 00:00:12 mkelly FAIL
primlib_tex_tri_001.
1194 primlib_zbuffer_2tris_03 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/primlib_zbuffer_2tris_03

1195 cp_dma_2desc 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_dma_2desc

1196 cp_dma_interrupt 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_dma_interrupt

1197 cp_dma_m2m_01 00:00:09 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_dma_m2m_01

1198 cp_dma_m2m_02 00:00:09 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_dma_m2m_02

1199 cp_dma_m2m_03 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_dma_m2m_03

1200 cp_dma_m2m_04 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_dma_m2m_04

1201 cp_dma_m2r_01 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_dma_m2r_01

1202 cp_dma_m2r_02 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_dma_m2r_02

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 1203 cp_dma_m2r_03                                    00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_dma_m2r_03

 1204 cp_dma_m2r_04                                    00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_dma_m2r_04

 1205 cp_dma_m2r_r2m                                   00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_dma_m2r_r2m

 1206 cp_dma_pio_simple                                00:00:09 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_dma_pio_simple

 1207 cp_dma_pio_stress                                00:00:09 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_dma_pio_stress

 1208 cp_dma_piobm_stress                              00:00:10 mkelly FAIL
 compare mismatch No
 1209 cp_dma_r2m_01                                    00:00:09 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_dma_r2m_01

 1210 cp_dma_r2m_02                                    00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_dma_r2m_02

 1211 cp_dma_r2m_03                                    00:00:09 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_dma_r2m_03

 1212 cp_dma_r2m_04                                    00:00:09 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_dma_r2m_04

 1213 cp_dma_r2r_01                                    00:00:09 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_dma_r2r_01

 1214 cp_dma_r2r_02                                    00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_dma_r2r_02

 1215 cp_dma_r2r_03                                    00:00:09 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_dma_r2r_03

 1216 cp_dma_r2r_r2m                                   00:00:09 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_dma_r2r_r2m

 1217 cp_dma_r2r_r2m_m2m                               00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_dma_r2r_r2m_m2m

 1218 cp_dma_r2r_r2m_m2m_r2m                           00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_dma_r2r_r2m_m2m_r2m
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 1219 cp_dma_simple                                    00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_dma_simple

 1220 cp_e2_hostdata_blt_pntr_8888                     00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_e2_hostdata_blt_pntr_8888

 1221 cp_e2_one_blit                                   00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_e2_one_blit

 1222 cp_e2_one_hline                                  00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_e2_one_hline

 1223 cp_e2_one_line                                   00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_e2_one_line

 1224 cp_e2_one_vline                                  00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_e2_one_vline

 1225 cp_e2_polyscanlines                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_e2_polyscanlines

 1226 cp_e2blit_brush_m                                00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_e2blit_brush_m

 1227 cp_e2blit_brush_mt_ropcc                         00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_e2blit_brush_mt_ropcc

 1228 cp_e2blit_brush_mt_ropf0                         00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_e2blit_brush_mt_ropf0

 1229 cp_e2blit_src_8888i                              00:00:27 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_e2blit_src_8888i

 1230 cp_e2blit_src_8888ii                             00:00:21 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_e2blit_src_8888ii

 1231 cp_e2blit_src_8888iii                            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_e2blit_src_8888iii

 1232 cp_e2blit_src_8888iv                             00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_e2blit_src_8888iv

 1233 cp_e2blit_src_8888v                              00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_e2blit_src_8888v

 1234 cp_e2blit_srf_cohr                               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_e2blit_srf_cohr
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 1235 cp_e2brush_8x8clr_565                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_e2brush_8x8clr_565

 1236 cp_e2brush_8x8clr_ci8                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_e2brush_8x8clr_ci8

 1237 cp_e2brush_8x8mmask_1555                           00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_e2brush_8x8mmask_1555

 1238 cp_e2brush_8x8mono_ci8                             00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_e2brush_8x8mono_ci8

 1239 cp_e2brush_solid                                   00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_e2brush_solid

 1240 cp_e2cache1                                        00:00:13 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_e2cache1

 1241 cp_e2cache2                                        00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_e2cache2

 1242 cp_e2gradfill_565                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_e2gradfill_565

 1243 cp_e2gradfill_1555                                 00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_e2gradfill_1555

 1244 cp_e2gradfill_8888                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_e2gradfill_8888

 1245 cp_e2gradfill_horizontal                           00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_e2gradfill_horizontal

 1246 cp_e2gradfill_triangle                             00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_e2gradfill_triangle

 1247 cp_e2gradfill_vertical                             00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_e2gradfill_vertical

 1248 cp_e2hostdata_blt2_565                             00:00:22 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_e2hostdata_blt2_565

 1249 cp_e2hostdata_blt2_1555                            00:00:22 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_e2hostdata_blt2_1555

 1250 cp_e2hostdata_blt2_8888                            00:00:34 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_e2hostdata_blt2_8888
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 1251 cp_e2hostdata_blt2_ci8                              00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_e2hostdata_blt2_ci8

 1252 cp_e2hostdata_blt_565                               00:00:26 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_e2hostdata_blt_565

 1253 cp_e2hostdata_blt_1555                              00:00:27 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_e2hostdata_blt_1555

 1254 cp_e2hostdata_blt_8888                              00:00:43 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_e2hostdata_blt_8888

 1255 cp_e2hostdata_blt_ci8                               00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_e2hostdata_blt_ci8

 1256 cp_e2hostdata_blt_drv1                              00:00:25 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_e2hostdata_blt_drv1

 1257 cp_e2hostdata_blt_pntr_565                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_e2hostdata_blt_pntr_565

 1258 cp_e2hostdata_blt_pntr_1555                         00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_e2hostdata_blt_pntr_1555

 1259 cp_e2hostdata_blt_pntr_ci8                          00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_e2hostdata_blt_pntr_ci8

 1260 cp_e2hostdata_byte_srcload                          00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_e2hostdata_byte_srcload

 1261 cp_e2line_max                                       00:04:18 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_e2line_max

 1262 cp_e2line_patcount_poly                             00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_e2line_patcount_poly

 1263 cp_e2lines                                          00:00:16 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_e2lines

 1264 cp_e2load_palette                                   00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_e2load_palette

 1265 cp_e2nextchar_565                                   00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_e2nextchar_565

 1266 cp_e2nextchar_1555                                  00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_e2nextchar_1555
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 1267 cp_e2nextchar_8888                                  00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_e2nextchar_8888

 1268 cp_e2nextchar_ci8                                   00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_e2nextchar_ci8

 1269 cp_e2paint_565                                      00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_e2paint_565

 1270 cp_e2paint_8888                                     00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_e2paint_8888

 1271 cp_e2paint_multi                                    00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_e2paint_multi

 1272 cp_e2perf_2d_04_vector                              00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_e2perf_2d_04_vector

 1273 cp_e2perf_ptrnfil                                   00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_e2perf_ptrnfil

 1274 cp_e2ply_nextscan                                   00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_e2ply_nextscan

 1275 cp_e2polyscanlines_brush                            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_e2polyscanlines_brush

 1276 cp_e2polyscanlines_brush_mt                         00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_e2polyscanlines_brush_mt

 1277 cp_e2rop                                            00:00:12 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_e2rop

 1278 cp_e2set_scissors                                   00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_e2set_scissors

 1279 cp_e2smalltext                                      00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_e2smalltext

 1280 cp_e2smalltext_jc1                                  00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_e2smalltext_jc1

 1281 cp_e2smalltext_jc2                                  00:03:59 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_e2smalltext_jc2

 1282 cp_e2smalltext_max                                  00:01:59 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_e2smalltext_max
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 1283 cp_e2smalltext_neg                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_e2smalltext_neg

 1284 cp_e2trans_bitblt                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_e2trans_bitblt

 1285 cp_rb_dst_blit_01                                 00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_rb_dst_blit_01

 1286 cp_rb_dst_blit_agp_01                             00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_rb_dst_blit_agp_01

 1287 cp_rb_dst_blit_brush_01                           00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_rb_dst_blit_brush_01

 1288 cp_rb_dst_blit_brush_02                           00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_rb_dst_blit_brush_02

 1289 cp_rb_dst_blit_brush_03                           00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_rb_dst_blit_brush_03

 1290 cp_rb_dst_blit_brush_04                           00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_rb_dst_blit_brush_04

 1291 cp_rb_dst_blit_brush_05                           00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_rb_dst_blit_brush_05

 1292 cp_rb_dst_blit_brush_565_01                       00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_rb_dst_blit_brush_565_01

 1293 cp_rb_dst_blit_brush_agp_01                       00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_rb_dst_blit_brush_agp_01

 1294 cp_rb_dst_blit_brush_agp_05                       00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_rb_dst_blit_brush_agp_05

 1295 cp_rb_dst_blit_brush_ci8_01                       00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_rb_dst_blit_brush_ci8_01

 1296 cp_rb_dst_blit_rop_01                             00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_rb_dst_blit_rop_01

 1297 cp_rb_dst_blit_rop_02                             00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_rb_dst_blit_rop_02

 1298 cp_rb_dst_blit_rop_03                             00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_rb_dst_blit_rop_03
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 1299 cp_rb_dst_blit_rop_04                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_rb_dst_blit_rop_04

 1300 cp_rb_dst_blit_rop_05                              00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_rb_dst_blit_rop_05

 1301 cp_rb_dst_blit_rop_06                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_rb_dst_blit_rop_06

 1302 cp_rb_dst_blit_rop_07                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_rb_dst_blit_rop_07

 1303 cp_rb_dst_blit_rop_agp_01                          00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_rb_dst_blit_rop_agp_01

 1304 cp_rb_dst_blit_rop_agp_04                          00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_rb_dst_blit_rop_agp_04

 1305 cp_rb_dst_blit_rop_agp_07                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_rb_dst_blit_rop_agp_07

 1306 cp_rb_dst_clr_cmp_01                               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_rb_dst_clr_cmp_01

 1307 cp_rb_dst_clr_cmp_02                               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_rb_dst_clr_cmp_02

 1308 cp_rb_dst_clr_cmp_03                               00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_rb_dst_clr_cmp_03

 1309 cp_rb_dst_clr_cmp_agp_01                           00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_rb_dst_clr_cmp_agp_01

 1310 cp_rb_dst_clr_cmp_msk_01                           00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_rb_dst_clr_cmp_msk_01

 1311 cp_rb_dst_clr_cmp_rops_01                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_rb_dst_clr_cmp_rops_01

 1312 cp_rb_dst_clr_cmp_rops_02                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_rb_dst_clr_cmp_rops_02

 1313 cp_rb_dst_clr_cmp_rops_03                          00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_rb_dst_clr_cmp_rops_03

 1314 cp_rb_dst_line_01                                  00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_rb_dst_line_01
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 1315 cp_rb_dst_line_brush_01                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_rb_dst_line_brush_01

 1316 cp_rb_dst_line_brush_02                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_rb_dst_line_brush_02

 1317 cp_rb_dst_line_brush_03                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_rb_dst_line_brush_03

 1318 cp_rb_dst_line_brush_agp_01                      00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_rb_dst_line_brush_agp_01

 1319 cp_rb_dstcache_aflush_2d_01                      00:02:31 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_rb_dstcache_aflush_2d_01

 1320 cp_rb_dstcache_aflush_2d_agp_01                  00:02:25 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_rb_dstcache_aflush_2d_agp_01

 1321 cp_rb_dstcache_fillflush_2d_01                   00:00:55 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_rb_dstcache_fillflush_2d_01

 1322 cp_rb_dstcache_rmw_2d_01                         00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_rb_dstcache_rmw_2d_01

 1323 cp_rb_dstcache_rmw_2d_agp_01                     00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_rb_dstcache_rmw_2d_agp_01

 1324 cp_im_load_indirect                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_im_load_indirect

 1325 cp_queue_avail_01                                00:00:10 mkelly FAIL
 compare mismatch No
 1326 cp_queue_avail_02                                00:00:10 mkelly FAIL
 compare mismatch No
 1327 cp_queue_avail_03                                00:00:10 mkelly FAIL
 compare mismatch No
 1328 cp_queue_avail_04                                00:00:10 mkelly FAIL
 compare mismatch No
 1329 cp_queue_avail_05                                00:00:10 mkelly FAIL
 compare mismatch No
 1330 cp_queue_avail_06                                00:00:10 mkelly FAIL
 compare mismatch No
 1331 cp_queue_avail_07                                00:00:10 mkelly FAIL
 compare mismatch No
 1332 cp_push_aper_indirect1                           00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_push_aper_indirect1

 1333 cp_push_aper_primary                             00:00:10 mkelly PASS    mkelly
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\\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_push_aper_primary

1334 cp_simple_triangle 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/cp_simple_triangle

1335 e2_bbll 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2_bbll

1336 e2_bbll_565 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2_bbll_565

1337 e2_bbll_1555 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2_bbll_1555

1338 e2_bbll_ci8 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2_bbll_ci8

1339 e2_blbl 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2_blbl

1340 e2_blbl_565 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2_blbl_565

1341 e2_blbl_1555 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2_blbl_1555

1342 e2_blbl_ci8 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2_blbl_ci8

1343 e2_blit_busy 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2_blit_busy

1344 e2_blit_lines 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2_blit_lines

1345 e2_blit_sync_565 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2_blit_sync_565

1346 e2_dstaddr 00:00:13 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2_dstaddr

1347 e2_lblb 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2_lblb

1348 e2_lblb_wh 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2_lblb_wh

1349 e2_line_busy 00:00:11 mkelly PASS mkelly

\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2_line_busy

1350 e2_llbb 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2_llbb

1351 e2_many_lines 00:00:16 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2_many_lines

1352 e2_many_lines_2x4 00:00:17 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2_many_lines_2x4

1353 e2_many_lines_2x4_mask 00:00:17 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2_many_lines_2x4_mask

1354 e2_many_lines_4x4 00:00:16 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2_many_lines_4x4

1355 e2_many_lines_4x4_mask 00:00:16 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2_many_lines_4x4_mask

1356 e2_many_lines_4x8 00:00:17 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2_many_lines_4x8

1357 e2_many_lines_4x8_mask 00:00:17 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2_many_lines_4x8_mask

1358 e2_many_lines_mask 00:00:17 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2_many_lines_mask

1359 e2_many_lines_pat 00:00:17 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2_many_lines_pat

1360 e2_many_lines_w9x 00:00:17 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2_many_lines_w9x

1361 e2_offset_pitch 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2_offset_pitch

1362 e2_offset_pitch_16byte 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2_offset_pitch_16byte

1363 e2_one_blit 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2_one_blit

1364 e2_one_line 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2_one_line

1365 e2_partial_add 00:00:10 mkelly PASS mkelly

\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2_partial_add

1366 e2_pm4_blit_64x64 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2_pm4_blit_64x64

1367 e2_pm4_blit_128x128 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2_pm4_blit_128x128

1368 e2_pm4_blit_256x256 00:00:18 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2_pm4_blit_256x256

1369 e2_simple2d 00:00:13 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2_simple2d

1370 e2_write_256b 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2_write_256b

1371 e2blit_3noshft_565 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_3noshft_565

1372 e2blit_3noshft_1555 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_3noshft_1555

1373 e2blit_3noshft_8888 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_3noshft_8888

1374 e2blit_3noshft_ci8 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_3noshft_ci8

1375 e2blit_3shftL_565 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_3shftL_565

1376 e2blit_3shftL_1555 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_3shftL_1555

1377 e2blit_3shftL_8888 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_3shftL_8888

1378 e2blit_3shftL_ci8 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_3shftL_ci8

1379 e2blit_3shftR_565 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_3shftR_565

1380 e2blit_3shftR_1555 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_3shftR_1555

1381 e2blit_3shftR_8888 00:00:11 mkelly PASS mkelly

\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_3shftR_8888

1382 e2blit_3shftR_ci8 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_3shftR_ci8

1383 e2blit_640x5_8888 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_640x5_8888

1384 e2blit_agp2agp 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_agp2agp

1385 e2blit_agp2fb 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_agp2fb

1386 e2blit_agp2fb_big 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_agp2fb_big

1387 e2blit_agp2fb_big2 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_agp2fb_big2

1388 e2blit_beyondframe 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_beyondframe

1389 e2blit_clut32_8888 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_clut32_8888

1390 e2blit_clut32_8888_lines 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_clut32_8888_lines

1391 e2blit_clut_565 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_clut_565

1392 e2blit_clut_565_2 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_clut_565_2

1393 e2blit_clut_565all 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_clut_565all

1394 e2blit_clut_565indx 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_clut_565indx

1395 e2blit_clut_8888 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_clut_8888

1396 e2blit_fb2agp_big 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_fb2agp_big

1397 e2blit_fb2agp_big_2 00:00:12 mkelly PASS mkelly

\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_fb2agp_big_2

1398 e2blit_host2agp 00:00:41 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_host2agp

1399 e2blit_host128_565_00 00:00:16 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_host128_565_00

1400 e2blit_host128_565_00_wide 00:00:15 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_host128_565_00_wide

1401 e2blit_host128_565_01 00:00:16 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_host128_565_01

1402 e2blit_host128_565_01_wide 00:00:14 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_host128_565_01_wide

1403 e2blit_host128_565_02 00:00:15 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_host128_565_02

1404 e2blit_host128_565_02_wide 00:00:15 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_host128_565_02_wide

1405 e2blit_host128_565_03 00:00:16 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_host128_565_03

1406 e2blit_host128_565_03_wide 00:00:15 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_host128_565_03_wide

1407 e2blit_host128_565_mono 00:00:15 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_host128_565_mono

1408 e2blit_host128_8888_00 00:00:13 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_host128_8888_00

1409 e2blit_host128_8888_01 00:00:13 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_host128_8888_01

1410 e2blit_host128_8888_02 00:00:13 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_host128_8888_02

1411 e2blit_host128_8888_03 00:00:13 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_host128_8888_03

1412 e2blit_host128_8888_mono 00:00:15 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_host128_8888_mono

1413 e2blit_host128_ci8_00 00:00:39 mkelly PASS mkelly

\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_host128_ci8_00

1414 e2blit_host128_ci8_01 00:00:38 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_host128_ci8_01

1415 e2blit_host128_ci8_02 00:00:39 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_host128_ci8_02

1416 e2blit_host128_ci8_03 00:00:38 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_host128_ci8_03

1417 e2blit_host128_ci8_mono 00:00:15 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_host128_ci8_mono

1418 e2blit_host_1to8_00 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_host_1to8_00

1419 e2blit_host_1to8_01 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_host_1to8_01

1420 e2blit_host_1to8_02 00:00:16 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_host_1to8_02

1421 e2blit_host_1to8_04 00:00:13 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_host_1to8_04

1422 e2blit_host_1to8_04_lines 00:00:13 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_host_1to8_04_lines

1423 e2blit_host_1to8_05 00:00:13 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_host_1to8_05

1424 e2blit_host_1to8_06 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_host_1to8_06

1425 e2blit_host_1to8_07 00:00:13 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_host_1to8_07

1426 e2blit_host_1to8_08 00:00:16 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_host_1to8_08

1427 e2blit_host_1to8_09 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_host_1to8_09

1428 e2blit_host_1to8_10 00:00:13 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_host_1to8_10

1429 e2blit_host_1to8_11 00:00:16 mkelly PASS mkelly

\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_host_1to8_11

1430 e2blit_host_1to8mask_01 00:00:13 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_host_1to8mask_01

1431 e2blit_host_1to8mask_03 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_host_1to8mask_03

1432 e2blit_host_1to8mask_09 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_host_1to8mask_09

1433 e2blit_host_1to8mask_10 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_host_1to8mask_10

1434 e2blit_host_1to8mask_10_lines 00:00:13 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_host_1to8mask_10_lines

1435 e2blit_host_1to16_00 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_host_1to16_00

1436 e2blit_host_1to16_01 00:00:13 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_host_1to16_01

1437 e2blit_host_1to16_02 00:00:16 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_host_1to16_02

1438 e2blit_host_1to16_03 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_host_1to16_03

1439 e2blit_host_1to16_04 00:00:13 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_host_1to16_04

1440 e2blit_host_1to16_05 00:00:14 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_host_1to16_05

1441 e2blit_host_1to16_06 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_host_1to16_06

1442 e2blit_host_1to16_07 00:00:13 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_host_1to16_07

1443 e2blit_host_100x100_8888 00:00:42 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_host_100x100_8888

1444 e2blit_host_pm4_100x100_8888 00:00:43 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_host_pm4_100x100_8888

1445 e2blit_hostdest_1555 00:00:12 mkelly PASS mkelly

\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_hostdest_1555

1446 e2blit_hostdest_1555_lines 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_hostdest_1555_lines

1447 e2blit_hostdest_8888 00:00:13 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_hostdest_8888

1448 e2blit_hostdest_ci8 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_hostdest_ci8

1449 e2blit_hostmono 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_hostmono

1450 e2blit_hostmonow 00:00:16 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_hostmonow

1451 e2blit_noshft_565 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_noshft_565

1452 e2blit_noshft_1555 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_noshft_1555

1453 e2blit_noshft_8888 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_noshft_8888

1454 e2blit_noshft_ci8 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_noshft_ci8

1455 e2blit_offscreen 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_offscreen

1456 e2blit_offset_565 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_offset_565

1457 e2blit_offset_1555 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_offset_1555

1458 e2blit_offset_8888 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_offset_8888

1459 e2blit_offset_ci8 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_offset_ci8

1460 e2blit_pitch_565 00:00:12 mkelly PASS mkelly
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1461 e2blit_pitch_1555 00:00:12 mkelly PASS mkelly

\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_pitch_1555

1462 e2blit_pitch_8888 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_pitch_8888

1463 e2blit_pix_order_565 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_pix_order_565

1464 e2blit_pix_order_1555 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_pix_order_1555

1465 e2blit_pix_order_8888 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_pix_order_8888

1466 e2blit_pix_order_ci8 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_pix_order_ci8

1467 e2blit_qdrnt_cc 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_qdrnt_cc

1468 e2blit_qdrnt_cc_565 00:00:11 mkelly PASS mkelly
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1469 e2blit_qdrnt_cc_1555 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_qdrnt_cc_1555

1470 e2blit_qdrnt_cc_ci8 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_qdrnt_cc_ci8

1471 e2blit_raster_order 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_raster_order

1472 e2blit_raster_orderb 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_raster_orderb

1473 e2blit_shftL_565 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_shftL_565

1474 e2blit_shftL_1555 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_shftL_1555

1475 e2blit_shftL_8888 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_shftL_8888

1476 e2blit_shftL_ci8 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_shftL_ci8

1477 e2blit_shftR_565 00:00:10 mkelly PASS mkelly

\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_shftR_565

1478 e2blit_shftR_1555 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_shftR_1555

1479 e2blit_shftR_8888 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_shftR_8888

1480 e2blit_shftR_ci8 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_shftR_ci8

1481 e2blit_src_565 00:00:26 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_src_565

1482 e2blit_src_565a 00:00:21 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_src_565a

1483 e2blit_src_565b 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_src_565b

1484 e2blit_src_565c 00:00:13 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_src_565c

1485 e2blit_src_8888 00:00:20 mkelly PASS mkelly
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1486 e2blit_src_8888_sdest 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_src_8888_sdest

1487 e2blit_src_8888_smono 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_src_8888_smono

1488 e2blit_src_8888a 00:00:15 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_src_8888a

1489 e2blit_src_8888b 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_src_8888b

1490 e2blit_src_8888d 00:00:13 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_src_8888d

1491 e2blit_src_ci8 00:00:18 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_src_ci8

1492 e2blit_src_ci8_smono 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_src_ci8_smono

1493 e2blit_src_ci8_smonom 00:00:11 mkelly PASS mkelly

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\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_src_ci8_smonom

 1494 e2blit_src_ci8a                                  00:00:14 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_src_ci8a

 1495 e2blit_src_ci8b                                  00:00:14 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_src_ci8b

 1496 e2blit_walk_565                                  00:00:12 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_walk_565

 1497 e2blit_walk_1555                                 00:00:13 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_walk_1555

 1498 e2blit_walk_8888                                 00:00:12 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_walk_8888

 1499 e2blit_walk_ci8                                  00:00:12 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_walk_ci8

 1500 e2blit_walk_srcdst                               00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blit_walk_srcdst

 1501 e2blit_wh_8888                                   00:00:12 mkelly PASS    mkelly
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 1502 e2blits_565                                      00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2blits_565

 1503 e2brush                                          00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2brush

 1504 e2brush_8x8clr                                   00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2brush_8x8clr

 1505 e2brush_8x8clr_565                               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2brush_8x8clr_565

 1506 e2brush_8x8clr_1555                              00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2brush_8x8clr_1555

 1507 e2brush_8x8clr_ci8                               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2brush_8x8clr_ci8

 1508 e2brush_8x8mmask                                 00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2brush_8x8mmask

 1509 e2brush_8x8mmask_565                             00:00:11 mkelly PASS    mkelly
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\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2brush_8x8mmask_565

1510 e2brush_8x8mmask_1555 00:00:10 mkelly PASS mkelly
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1511 e2brush_8x8mmask_ci8 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2brush_8x8mmask_ci8

1512 e2brush_8x8mono 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2brush_8x8mono

1513 e2brush_8x8mono_565 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2brush_8x8mono_565

1514 e2brush_8x8mono_1555 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2brush_8x8mono_1555

1515 e2brush_8x8mono_ci8 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2brush_8x8mono_ci8

1516 e2brush_32x1line 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2brush_32x1line

1517 e2brush_32x1line_565 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2brush_32x1line_565

1518 e2brush_32x1line_1555 00:00:11 mkelly PASS mkelly
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1519 e2brush_32x1line_ci8 00:00:11 mkelly PASS mkelly
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1520 e2brush_32x1linemask 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2brush_32x1linemask

1521 e2brush_32x1linemask_565 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2brush_32x1linemask_565

1522 e2brush_32x1linemask_1555 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2brush_32x1linemask_1555

1523 e2brush_32x1linemask_ci8 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2brush_32x1linemask_ci8

1524 e2brush_565 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2brush_565

1525 e2brush_1555 00:00:10 mkelly PASS mkelly

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 1526 e2brush_address                                  00:00:14 mkelly PASS    mkelly
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 1527 e2brush_address_565                              00:00:13 mkelly PASS    mkelly
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 1528 e2brush_address_1555                             00:00:12 mkelly PASS    mkelly
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 1529 e2brush_address_ci8                              00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2brush_address_ci8

 1530 e2brush_ci8                                      00:00:11 mkelly PASS    mkelly
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 1531 e2brush_solid                                    00:00:11 mkelly PASS    mkelly
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 1532 e2brush_solid_565                                00:00:10 mkelly PASS    mkelly
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 1533 e2brush_solid_1555                               00:00:11 mkelly PASS    mkelly
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 1534 e2brush_solid_ci8                                00:00:11 mkelly PASS    mkelly
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 1535 e2brush_solidline                                00:00:11 mkelly PASS    mkelly
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 1536 e2brush_solidline_565                            00:00:11 mkelly PASS    mkelly
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 1537 e2brush_solidline_1555                           00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2brush_solidline_1555

 1538 e2brush_solidline_ci8                            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2brush_solidline_ci8

 1539 e2cache1                                         00:00:11 mkelly PASS    mkelly
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 1540 e2cache2                                         00:00:11 mkelly PASS    mkelly
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 1541 e2cache4                                         00:00:17 mkelly PASS    mkelly
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1542 e2cache5                                       00:00:14 mkelly PASS    mkelly
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1543 e2cache6                                       00:00:11 mkelly PASS    mkelly
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1544 e2cache7                                       00:00:12 mkelly PASS    mkelly
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1545 e2cache8                                       00:00:11 mkelly PASS    mkelly
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1546 e2dst_scssr_565                                00:00:11 mkelly PASS    mkelly
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1547 e2dst_scssr_1555                               00:00:11 mkelly PASS    mkelly
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1548 e2dst_scssr_8888                               00:00:11 mkelly PASS    mkelly
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1549 e2dst_scssr_ci8                                00:00:11 mkelly PASS    mkelly
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1550 e2endian_fb                                    00:00:15 mkelly PASS    mkelly
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1551 e2endian_agp                                   00:00:12 mkelly PASS    mkelly
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1552 e2endian_host                                  00:00:16 mkelly PASS    mkelly
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1553 e2lilblit                                      00:00:10 mkelly PASS    mkelly
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1554 e2lilblit_line                                 00:00:11 mkelly PASS    mkelly
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1555 e2line_box                                     00:00:10 mkelly PASS    mkelly
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1556 e2line_bridgeB                                 00:00:11 mkelly PASS    mkelly
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1557 e2line_bridgeBL                                00:00:11 mkelly PASS    mkelly
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\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2line_bridgeBL

1558 e2line_bridgeBR 00:00:11 mkelly PASS mkelly
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1559 e2line_bridgeL 00:00:11 mkelly PASS mkelly
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1560 e2line_bridgeLRTB 00:00:11 mkelly PASS mkelly
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1561 e2line_bridgeR 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2line_bridgeR

1562 e2line_bridgeT 00:00:11 mkelly PASS mkelly
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1563 e2line_bridgeTL 00:00:10 mkelly PASS mkelly
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1564 e2line_bridgeTR 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2line_bridgeTR

1565 e2line_hori565 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2line_hori565

1566 e2line_hori1555 00:00:12 mkelly PASS mkelly
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1567 e2line_hori8888 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2line_hori8888

1568 e2line_horici8 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2line_horici8

1569 e2line_horishort565 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2line_horishort565

1570 e2line_horishort1555 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2line_horishort1555

1571 e2line_horishort8888 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2line_horishort8888

1572 e2line_horishortci8 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2line_horishortci8

1573 e2line_nobridge 00:00:11 mkelly PASS mkelly

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                    \\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2line_nobridge

 1574 e2line_offscreen                                  00:00:11 mkelly PASS    mkelly
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 1575 e2line_patcount                                   00:00:12 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2line_patcount

 1576 e2line_patcount_565                               00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2line_patcount_565

 1577 e2line_patcount_1555                              00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2line_patcount_1555

 1578 e2line_patcount_ci8                               00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2line_patcount_ci8

 1579 e2line_patcount_poly_565                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2line_patcount_poly_565

 1580 e2line_patcount_poly_ci8                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2line_patcount_poly_ci8

 1581 e2line_ptrn                                       00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2line_ptrn

 1582 e2line_ptrnplaid                                  00:00:12 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2line_ptrnplaid

 1583 e2line_star                                       00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2line_star

 1584 e2line_vert565                                    00:00:12 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2line_vert565

 1585 e2line_vert1555                                   00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2line_vert1555

 1586 e2line_vert8888                                   00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2line_vert8888

 1587 e2line_vertci8                                    00:00:12 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2line_vertci8

 1588 e2line_vertshort565                               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2line_vertshort565

 1589 e2line_vertshort1555                              00:00:11 mkelly PASS    mkelly
```

\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2line_vertshort1555

1590 e2line_vertshort8888 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2line_vertshort8888

1591 e2line_vertshortci8 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2line_vertshortci8

1592 e2line_zeropixel 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2line_zeropixel

1593 e2max_values_height 00:00:17 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2max_values_height

1594 e2max_values_offset 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2max_values_offset

1595 e2max_values_width 00:00:16 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2max_values_width

1596 e2max_values_xy 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2max_values_xy

1597 e2rop_00_0f 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2rop_00_0f

1598 e2rop_10_1f 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2rop_10_1f

1599 e2rop_20_2f 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2rop_20_2f

1600 e2rop_30_3f 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2rop_30_3f

1601 e2rop_40_4f 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2rop_40_4f

1602 e2rop_50_5f 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2rop_50_5f

1603 e2rop_60_6f 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2rop_60_6f

1604 e2rop_70_7f 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2rop_70_7f

1605 e2rop_80_8f 00:00:10 mkelly PASS mkelly

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                    \\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2rop_80_8f

 1606 e2rop_90_9f                                   00:00:10 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2rop_90_9f

 1607 e2rop_a0_af                                   00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2rop_a0_af

 1608 e2rop_b0_bf                                   00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2rop_b0_bf

 1609 e2rop_c0_cf                                   00:00:10 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2rop_c0_cf

 1610 e2rop_d0_df                                   00:00:10 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2rop_d0_df

 1611 e2rop_e0_ef                                   00:00:10 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2rop_e0_ef

 1612 e2rop_f0_ff                                   00:00:10 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2rop_f0_ff

 1613 e2scssr_flipped_blits_8888                    00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2scssr_flipped_blits_8888

 1614 e2scssr_flipped_lines                         00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2scssr_flipped_lines

 1615 e2scssr_none_565                              00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2scssr_none_565

 1616 e2scssr_none_1555                             00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2scssr_none_1555

 1617 e2scssr_none_8888                             00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2scssr_none_8888

 1618 e2scssr_none_ci8                              00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2scssr_none_ci8

 1619 e2scssr_within_565                            00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2scssr_within_565

 1620 e2scssr_within_1555                           00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2scssr_within_1555

 1621 e2scssr_within_8888                           00:00:11 mkelly PASS    mkelly
```

\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2scssr_within_8888

1622 e2scssr_within_ci8 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2scssr_within_ci8

1623 e2scssrB_565 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2scssrB_565

1624 e2scssrB_1555 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2scssrB_1555

1625 e2scssrB_8888 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2scssrB_8888

1626 e2scssrB_ci8 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2scssrB_ci8

1627 e2scssrBL_565 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2scssrBL_565

1628 e2scssrBL_1555 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2scssrBL_1555

1629 e2scssrBL_8888 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2scssrBL_8888

1630 e2scssrBL_ci8 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2scssrBL_ci8

1631 e2scssrBR_565 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2scssrBR_565

1632 e2scssrBR_1555 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2scssrBR_1555

1633 e2scssrBR_8888 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2scssrBR_8888

1634 e2scssrBR_ci8 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2scssrBR_ci8

1635 e2scssrL_565 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2scssrL_565

1636 e2scssrL_1555 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2scssrL_1555

1637 e2scssrL_8888 00:00:11 mkelly PASS mkelly

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                    \\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2scssrL_8888

1638 e2scssrL_ci8                                   00:00:10 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2scssrL_ci8

1639 e2scssrLRTB_565                                00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2scssrLRTB_565

1640 e2scssrLRTB_1555                               00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2scssrLRTB_1555

1641 e2scssrLRTB_8888                               00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2scssrLRTB_8888

1642 e2scssrLRTB_ci8                                00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2scssrLRTB_ci8

1643 e2scssrR_565                                   00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2scssrR_565

1644 e2scssrR_1555                                  00:00:10 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2scssrR_1555

1645 e2scssrR_8888                                  00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2scssrR_8888

1646 e2scssrR_ci8                                   00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2scssrR_ci8

1647 e2scssrT_565                                   00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2scssrT_565

1648 e2scssrT_1555                                  00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2scssrT_1555

1649 e2scssrT_8888                                  00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2scssrT_8888

1650 e2scssrT_ci8                                   00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2scssrT_ci8

1651 e2scssrTL_565                                  00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2scssrTL_565

1652 e2scssrTL_1555                                 00:00:10 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2scssrTL_1555

1653 e2scssrTL_8888                                 00:00:11 mkelly PASS    mkelly
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                    \\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2scssrTL_8888

 1654 e2scssrTL_ci8                                  00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2scssrTL_ci8

 1655 e2scssrTR_565                                  00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2scssrTR_565

 1656 e2scssrTR_1555                                 00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2scssrTR_1555

 1657 e2scssrTR_8888                                 00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2scssrTR_8888

 1658 e2scssrTR_ci8                                  00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2scssrTR_ci8

 1659 e2src_scssrB                                   00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2src_scssrB

 1660 e2src_scssrB_565                               00:00:10 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2src_scssrB_565

 1661 e2src_scssrB_1555                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2src_scssrB_1555

 1662 e2src_scssrB_ci8                               00:00:10 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2src_scssrB_ci8

 1663 e2src_scssrBR                                  00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2src_scssrBR

 1664 e2src_scssrBR_565                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2src_scssrBR_565

 1665 e2src_scssrBR_1555                             00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2src_scssrBR_1555

 1666 e2src_scssrBR_ci8                              00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2src_scssrBR_ci8

 1667 e2src_scssrR                                   00:00:10 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2src_scssrR

 1668 e2src_scssrR_565                               00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2src_scssrR_565

 1669 e2src_scssrR_1555                              00:00:11 mkelly PASS    mkelly
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\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2src_scssrR_1555

1670 e2src_scssrR_ci8 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2src_scssrR_ci8

1671 e2srcsc_565 00:00:13 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2srcsc_565

1672 e2srcsc_8888 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2srcsc_8888

1673 e2srcsc_ci8 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/e2srcsc_ci8

1674 r400cp_2drotdst_hbl 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400cp_2drotdst_hbl

1675 r400cp_2drotdst_hbr 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400cp_2drotdst_hbr

1676 r400cp_2drotdst_htl 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400cp_2drotdst_htl

1677 r400cp_2drotdst_htr 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400cp_2drotdst_htr

1678 r400cp_2drotdst_vbl 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400cp_2drotdst_vbl

1679 r400cp_2drotdst_vbr 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400cp_2drotdst_vbr

1680 r400cp_2drotdst_vtl 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400cp_2drotdst_vtl

1681 r400cp_2drotdst_vtr 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400cp_2drotdst_vtr

1682 r400cp_2drotdst_host 00:00:17 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400cp_2drotdst_host

1683 r400cp_2drotsrc_eqofst 00:00:14 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400cp_2drotsrc_eqofst

1684 r400cp_2drotsrc_neqofst 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400cp_2drotsrc_neqofst

1685 r400cp_2drotdst_1555 00:00:16 mkelly PASS mkelly

\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400cp_2drotdst_1555

1686 r400cp_2drotdst_565 00:00:15 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400cp_2drotdst_565

1687 r400cp_2dalphablend_sb 00:00:26 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400cp_2dalphablend_sb

1688 r400cp_2dalphablend_sb_1555 00:00:26 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400cp_2dalphablend_sb_1555

1689 r400cp_2dalphablend_sb_565 00:00:26 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400cp_2dalphablend_sb_565

1690 r400cp_2dalphablend_abc 00:00:13 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400cp_2dalphablend_abc

1691 r400cp_2dalphablend_abs 00:00:13 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400cp_2dalphablend_abs

1692 r400cp_2dalphablend_abb 00:00:13 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400cp_2dalphablend_abb

1693 r400cp_2dalphablend_8888 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400cp_2dalphablend_8888

1694 r400cp_2dalphablend_1555 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400cp_2dalphablend_1555

1695 r400cp_2dalphablend_565 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400cp_2dalphablend_565

1696 r400cp_2daafont_bgnd 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400cp_2daafont_bgnd

1697 r400cp_2daafont_dst 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400cp_2daafont_dst

1698 r400cp_2daafont_1555 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400cp_2daafont_1555

1699 r400cp_2daafont_565 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400cp_2daafont_565

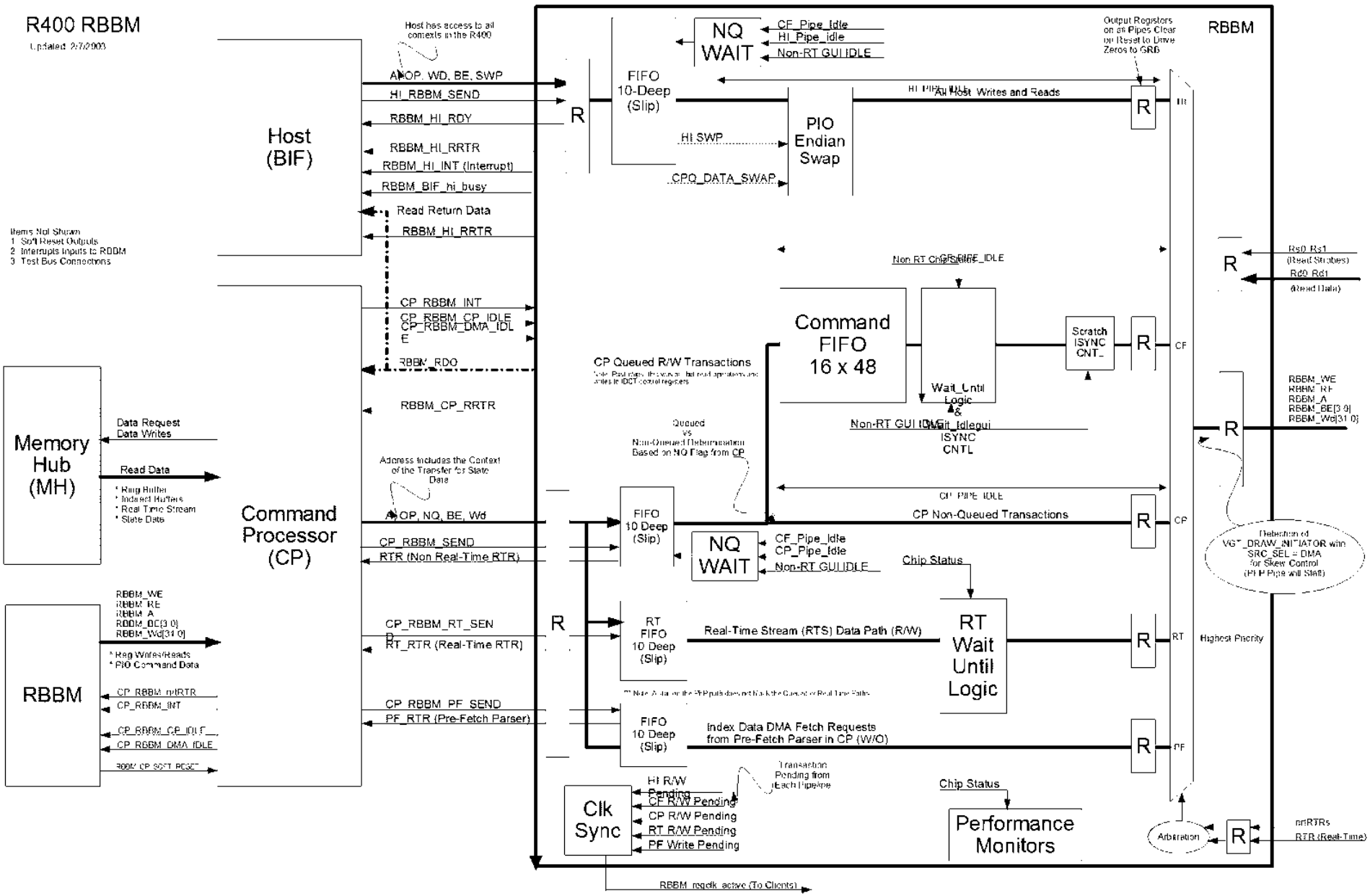
1700 r400cp_2d3dswitch_a 00:00:15 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030206144218/r400cp_2d3dswitch_a

1701 r400cp_registers 00:00:08 mkelly FAIL

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 gold or cmp file mis
+-------------------------------------------------------------------------------------------
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                                                                    08:50:01
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+ Regression Summary:  R400 EMU SYNC mkelly
+ Date: Fri Feb  7 05:45:14 2003

| UNIT | Total Tests | Tests Run | Tests Pass | %Pass |
|---|---|---|---|---|
| SC | 409 | 407 | 397 | 97.54 |
| VGT | 235 | 235 | 195 | 82.98 |
| CL | 362 | 357 | 356 | 99.72 |
| SU | 148 | 148 | 138 | 93.24 |
| VTE | 39 | 39 | 38 | 97.44 |
| CP | 512 | 507 | 498 | 98.22 |
| RBBM | 0 | 0 | 0 | 0.00 |
| BUGS | 0 | 0 | 0 | 0.00 |
| SANITY | 1 | 1 | 1 | 100.00 |
| STRESS | 0 | 0 | 0 | 0.00 |
| PERF | 7 | 7 | 6 | 85.71 |
| TOTAL | 1713 | 1701 | 1629 | 95.77 |




AMD CONFIDENTIAL BUSINESS INFORMATION - SUBJECT TO THE PROTECTIVE ORDER

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+ R400 EMU TEST REGRESS HISTORY Sat Feb  8 06:35:49 2003
+-------------------------------------------------------------------------------------------
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+ No  Test Name                                          Emu Time Sync  Status
LastPass FailReason          MostRecentPath +
+-------------------------------------------------------------------------------------------
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    1 r400sc_rts_01                                     00:00:25 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_rts_01

    2 r400sc_rts_02                                     00:00:23 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_rts_02

    3 r400sc_rts_09                                     00:00:25 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_rts_09

    4 r400sc_rts_10                                     00:00:24 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_rts_10

    5 r400sc_rts_11                                     00:00:43 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_rts_11

    6 r400sc_rts_12                                     00:01:13 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_rts_12

    7 r400sc_rts_fc_12                                  00:00:14 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_rts_fc_12

    8 r400sc_rts_16                                     00:00:23 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_rts_16

    9 r400sc_rts_18                                     00:01:06 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_rts_18

   10 r400sc_rts_19                                     00:01:31 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_rts_19

   11 r400sc_rts_20                                     00:01:08 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_rts_20

   12 r400sc_rts_21                                     00:01:00 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_rts_21

   13 r400sc_rts_32                                     00:00:24 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_rts_32
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   14 r400sc_rts_33                                    00:00:24 mkelly PASS    mkelly
                     \\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_rts_33

   15 r400sc_rts_fc_09                                 00:00:13 mkelly PASS    mkelly
                     \\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_rts_fc_09

   16 r400sc_pinwheel_03                               00:01:32 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_pinwheel_03

   17 r400sc_pkr_row_wrap_disable_rts_01               00:00:28 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_pkr_row_wrap_disable_rts_01

   18 r400sc_vtx_and_pix_pipe_disable_combos_05        00:03:01 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_vtx_and_pix_pipe_disable_combos_
05
   19 r400sc_vtx_pipe_disable_0101_01                  00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_vtx_pipe_disable_0101_01

   20 r400sc_vtx_pipe_disable_0100_01                  00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_vtx_pipe_disable_0100_01

   21 r400sc_vtx_and_pix_pipe_disable_rnd_combos_01    00:00:46 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_vtx_and_pix_pipe_disable_rnd_com
bos_01
   22 r400sc_vtx_and_pix_pipe_disable_rnd_combos_02    00:00:24 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_vtx_and_pix_pipe_disable_rnd_com
bos_02
   23 r400sc_vtx_pipe_disable_combos_01                00:00:46 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_vtx_pipe_disable_combos_01

   24 r400sc_vtx_and_pix_pipe_disable_combos_01        00:00:47 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_vtx_and_pix_pipe_disable_combos_
01
   25 r400sc_pix_pipe_disable_combos_01                00:00:45 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_pix_pipe_disable_combos_01

   26 r400sc_vtx_pipe_disable_combos_02                00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_vtx_pipe_disable_combos_02

   27 r400sc_vtx_and_pix_pipe_disable_combos_02        00:00:26 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_vtx_and_pix_pipe_disable_combos_
02
   28 r400sc_pix_pipe_disable_combos_02                00:00:24 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_pix_pipe_disable_combos_02

   29 r400sc_vtx_pipe_disable_combos_03                00:00:29 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_vtx_pipe_disable_combos_03
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   30 r400sc_vtx_and_pix_pipe_disable_combos_03          00:00:34 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_vtx_and_pix_pipe_disable_combos_
03
   31 r400sc_vtx_and_pix_pipe_disable_combos_04          00:08:37 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_vtx_and_pix_pipe_disable_combos_
04
   32 r400sc_pix_pipe_disable_combos_03                  00:00:33 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_pix_pipe_disable_combos_03

   33 r400sc_centers_and_centroids_state_switching_01    00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_centers_and_centroids_state_swit
ching_01
   34 r400sc_msaa_8_simple_triangle_01                   00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_msaa_8_simple_triangle_01

   35 r400sc_viz_query_02                                00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_viz_query_02

   36 r400sc_pipe_disable_v0_p0_01                       00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_pipe_disable_v0_p0_01

   37 r400sc_pipe_disable_v01_p01_01                     00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_pipe_disable_v01_p01_01

   38 r400sc_pipe_disable_v2_p2_01                       00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_pipe_disable_v2_p2_01

   39 r400sc_pipe_disable_v02_p02_01                     00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_pipe_disable_v02_p02_01

   40 r400sc_pipe_disable_v12_p12_01                     00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_pipe_disable_v12_p12_01

   41 r400sc_pipe_disable_v012_p012_01                   00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_pipe_disable_v012_p012_01

   42 r400sc_pipe_disable_v3_p3_01                       00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_pipe_disable_v3_p3_01

   43 r400sc_pipe_disable_v03_p03_01                     00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_pipe_disable_v03_p03_01

   44 r400sc_pipe_disable_v13_p13_01                     00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_pipe_disable_v13_p13_01

   45 r400sc_pipe_disable_v013_p013_01                   00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_pipe_disable_v013_p013_01
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   46 r400sc_pipe_disable_v23_p23_01                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_pipe_disable_v23_p23_01

   47 r400sc_pipe_disable_v023_p023_01                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_pipe_disable_v023_p023_01

   48 r400sc_pipe_disable_v123_p123_01                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_pipe_disable_v123_p123_01

   49 r400sc_simple_register_indirect                   00:00:08 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_simple_register_indirect

   50 r400sc_simple_triangle_01                         00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_simple_triangle_01

   51 r400sc_fifo_sizing_01                             00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_fifo_sizing_01

   52 r400sc_clip_vtx_reorder_01                        00:00:33 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_clip_vtx_reorder_01

   53 r400sc_pipes_2_3_disabled_01                      00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_pipes_2_3_disabled_01

   54 r400sc_pkr_row_wrap_disable_01                    00:00:25 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_pkr_row_wrap_disable_01

   55 r400sc_pkr_row_wrap_disable_02                    00:01:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_pkr_row_wrap_disable_02

   56 r400sc_pkr_row_wrap_disable_03                    00:01:24 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_pkr_row_wrap_disable_03

   57 r400sc_pkr_row_wrap_disable_04                    00:01:24 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_pkr_row_wrap_disable_04

   58 r400sc_pkr_row_wrap_disable_05                    00:01:55 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_pkr_row_wrap_disable_05

   59 r400sc_quad_order_enable_01                       00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_quad_order_enable_01

   60 r400sc_one_quad_per_clock_enable_01               00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_one_quad_per_clock_enable_01

   61 r400sc_pix_pipes_2_3_disabled_01                  00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_pix_pipes_2_3_disabled_01
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   62 r400sc_persp_corr_disable_01                      00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_persp_corr_disable_01

   63 r400sc_max_line_width_01                          00:00:47 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_max_line_width_01

   64 r400sc_max_line_width_02                          00:00:47 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_max_line_width_02

   65 r400sc_hw_coords_01                               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_hw_coords_01

   66 r400sc_hw_coords_02                               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_hw_coords_02

   67 r400sc_hw_coords_03                               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_hw_coords_03

   68 r400sc_hw_coords_04                               00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_hw_coords_04

   69 r400sc_hw_coords_05                               00:00:30 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_hw_coords_05

   70 r400sc_baryc_01                                   00:00:23 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_baryc_01

   71 r400sc_baryc_02                                   00:00:13 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_baryc_02

   72 r400sc_bres_cntl_01                               00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_bres_cntl_01

   73 r400sc_bres_cntl_02                               00:00:21 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_bres_cntl_02

   74 r400sc_bres_cntl_03                               00:00:21 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_bres_cntl_03

   75 r400sc_bres_cntl_04                               00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_bres_cntl_04

   76 r400sc_bres_cntl_w2k_01                           00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_bres_cntl_w2k_01

   77 r400sc_bres_cntl_w9x_01                           00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_bres_cntl_w9x_01
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   78 r400sc_clip_rect_01                                00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_clip_rect_01

   79 r400sc_clip_rect_02                                00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_clip_rect_02

   80 r400sc_clip_rect_03                                00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_clip_rect_03

   81 r400sc_clip_rect_04                                00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_clip_rect_04

   82 r400sc_clip_rect_fc_01                             00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_clip_rect_fc_01

   83 r400sc_clipped_triangle_polymode_line_stippled_01  00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_clipped_triangle_polymode_line_s
tippled_01
   84 r400sc_diamond_exit_01                             00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_diamond_exit_01

   85 r400sc_diamond_exit_02                             00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_diamond_exit_02

   86 r400sc_diamond_exit_03                             00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_diamond_exit_03

   87 r400sc_diamond_exit_04                             00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_diamond_exit_04

   88 r400sc_diamond_exit_05                             00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_diamond_exit_05

   89 r400sc_jss_1x1_primtypes_01                        00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_jss_1x1_primtypes_01

   90 r400sc_jss_1x2_01                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_jss_1x2_01

   91 r400sc_jss_1x2_02                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_jss_1x2_02

   92 r400sc_jss_1x2_primtypes_01                        00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_jss_1x2_primtypes_01

   93 r400sc_jss_1x3_01                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_jss_1x3_01
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   94 r400sc_jss_1x3_02                                00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_jss_1x3_02

   95 r400sc_jss_1x3_primtypes_01                      00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_jss_1x3_primtypes_01

   96 r400sc_jss_1x4_01                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_jss_1x4_01

   97 r400sc_jss_1x4_02                                00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_jss_1x4_02

   98 r400sc_jss_1x4_primtypes_01                      00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_jss_1x4_primtypes_01

   99 r400sc_jss_2x1_01                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_jss_2x1_01

  100 r400sc_jss_2x1_02                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_jss_2x1_02

  101 r400sc_jss_2x1_primtypes_01                      00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_jss_2x1_primtypes_01

  102 r400sc_jss_2x2_01                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_jss_2x2_01

  103 r400sc_jss_2x2_02                                00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_jss_2x2_02

  104 r400sc_jss_2x2_primtypes_01                      00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_jss_2x2_primtypes_01

  105 r400sc_jss_2x3_01                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_jss_2x3_01

  106 r400sc_jss_2x3_02                                00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_jss_2x3_02

  107 r400sc_jss_2x3_primtypes_01                      00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_jss_2x3_primtypes_01

  108 r400sc_jss_2x4_01                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_jss_2x4_01

  109 r400sc_jss_2x4_02                                00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_jss_2x4_02
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  110 r400sc_jss_2x4_primtypes_01                          00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_jss_2x4_primtypes_01

  111 r400sc_jss_3x1_01                                   00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_jss_3x1_01

  112 r400sc_jss_3x1_02                                   00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_jss_3x1_02

  113 r400sc_jss_3x1_primtypes_01                         00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_jss_3x1_primtypes_01

  114 r400sc_jss_3x2_01                                   00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_jss_3x2_01

  115 r400sc_jss_3x2_02                                   00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_jss_3x2_02

  116 r400sc_jss_3x2_primtypes_01                         00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_jss_3x2_primtypes_01

  117 r400sc_jss_3x3_01                                   00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_jss_3x3_01

  118 r400sc_jss_3x3_02                                   00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_jss_3x3_02

  119 r400sc_jss_3x3_primtypes_01                         00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_jss_3x3_primtypes_01

  120 r400sc_jss_3x4_01                                   00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_jss_3x4_01

  121 r400sc_jss_3x4_02                                   00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_jss_3x4_02

  122 r400sc_jss_3x4_03                                   00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_jss_3x4_03

  123 r400sc_jss_3x4_primtypes_01                         00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_jss_3x4_primtypes_01

  124 r400sc_jss_4x1_01                                   00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_jss_4x1_01

  125 r400sc_jss_4x1_02                                   00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_jss_4x1_02
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  126 r400sc_jss_4x1_primtypes_01                          00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_jss_4x1_primtypes_01

  127 r400sc_jss_4x2_01                                    00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_jss_4x2_01

  128 r400sc_jss_4x2_02                                    00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_jss_4x2_02

  129 r400sc_jss_4x2_primtypes_01                          00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_jss_4x2_primtypes_01

  130 r400sc_jss_4x3_01                                    00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_jss_4x3_01

  131 r400sc_jss_4x3_02                                    00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_jss_4x3_02

  132 r400sc_jss_4x3_primtypes_01                          00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_jss_4x3_primtypes_01

  133 r400sc_jss_4x4_01                                    00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_jss_4x4_01

  134 r400sc_jss_4x4_02                                    00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_jss_4x4_02

  135 r400sc_jss_4x4_03                                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_jss_4x4_03

  136 r400sc_jss_4x4_aa_mask_01                            00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_jss_4x4_aa_mask_01

  137 r400sc_jss_4x4_aa_mask_02                            00:01:09 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_jss_4x4_aa_mask_02

  138 r400sc_jss_4x4_fc_01                                 00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_jss_4x4_fc_01

  139 r400sc_jss_4x4_fc_02                                 00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_jss_4x4_fc_02

  140 r400sc_jss_4x4_max_dist_01                           00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_jss_4x4_max_dist_01

  141 r400sc_jss_4x4_primtypes_01                          00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_jss_4x4_primtypes_01
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  142 r400sc_line_dx10_eq_0_01                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_line_dx10_eq_0_01

  143 r400sc_line_dx10_ge_0_01                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_line_dx10_ge_0_01

  144 r400sc_line_dx10_lt_0_01                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_line_dx10_lt_0_01

  145 r400sc_line_dy10_eq_0_01                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_line_dy10_eq_0_01

  146 r400sc_line_dy10_ge_0_01                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_line_dy10_ge_0_01

  147 r400sc_line_dy10_lt_0_01                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_line_dy10_lt_0_01

  148 r400sc_line_expand_width_msaa_8_01                00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_line_expand_width_msaa_8_01

  149 r400sc_line_expand_width_msaa_8_02                00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_line_expand_width_msaa_8_02

  150 r400sc_line_expand_width_msaa_8_03                00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_line_expand_width_msaa_8_03

  151 r400sc_line_jss_3x4_01                            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_line_jss_3x4_01

  152 r400sc_line_list_01                               00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_line_list_01

  153 r400sc_line_list_02                               00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_line_list_02

  154 r400sc_line_list_03                               00:00:55 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_line_list_03

  155 r400sc_line_list_04                               00:00:59 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_line_list_04

  156 r400sc_line_list_05                               00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_line_list_05

  157 r400sc_line_list_06                               00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_line_list_06
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  158 r400sc_line_list_07                                 00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_line_list_07

  159 r400sc_line_list_08                                 00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_line_list_08

  160 r400sc_line_list_09                                 00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_line_list_09

  161 r400sc_line_list_10                                 00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_line_list_10

  162 r400sc_line_list_11                                 00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_line_list_11

  163 r400sc_line_list_12                                 00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_line_list_12

  164 r400sc_line_list_13                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_line_list_13

  165 r400sc_line_list_14                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_line_list_14

  166 r400sc_line_list_15                                 00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_line_list_15

  167 r400sc_line_list_16                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_line_list_16

  168 r400sc_line_list_17                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_line_list_17

  169 r400sc_line_list_18                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_line_list_18

  170 r400sc_line_list_concentric_circle_01               00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_line_list_concentric_circle_01

  171 r400sc_line_list_concentric_circle_02               00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_line_list_concentric_circle_02

  172 r400sc_line_list_concentric_circle_03               00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_line_list_concentric_circle_03

  173 r400sc_line_list_textured_01                        00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_line_list_textured_01
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  174 r400sc_line_list_verify_st_01                    00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_line_list_verify_st_01

  175 r400sc_line_msaa_8_01                            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_line_msaa_8_01

  176 r400sc_line_msaa_8_textured_01                   00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_line_msaa_8_textured_01

  177 r400sc_line_msaa_8_textured_fc_01                00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_line_msaa_8_textured_fc_01

  178 r400sc_line_stipple_01                           00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_line_stipple_01

  179 r400sc_line_stipple_02                           00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_line_stipple_02

  180 r400sc_line_stipple_03                           00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_line_stipple_03

  181 r400sc_line_stipple_04                           00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_line_stipple_04

  182 r400sc_line_stipple_05                           00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_line_stipple_05

  183 r400sc_line_stipple_06                           00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_line_stipple_06

  184 r400sc_line_stipple_07                           00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_line_stipple_07

  185 r400sc_line_stipple_08                           00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_line_stipple_08

  186 r400sc_line_stipple_09                           00:00:16 mkelly FAIL
 compare mismatch **
  187 r400sc_line_stipple_10                           00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_line_stipple_10

  188 r400sc_line_stipple_11                           00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_line_stipple_11

  189 r400sc_line_stipple_12                           00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_line_stipple_12
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  190 r400sc_line_stipple_13                          00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_line_stipple_13

  191 r400sc_line_stipple_14                          00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_line_stipple_14

  192 r400sc_line_stipple_15                          00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_line_stipple_15

  193 r400sc_line_stipple_16                          00:00:19 mkelly FAIL
 compare mismatch **
  194 r400sc_line_stipple_17                          00:00:22 mkelly FAIL
 compare mismatch **
  195 r400sc_line_stipple_18                          00:00:14 mkelly FAIL
 compare mismatch **
  196 r400sc_line_stipple_19                          00:00:22 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_line_stipple_19

  197 r400sc_line_stipple_20                          00:00:22 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_line_stipple_20

  198 r400sc_line_stipple_21                          00:00:21 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_line_stipple_21

  199 r400sc_line_stipple_22                          00:00:22 mkelly FAIL
 compare mismatch **
  200 r400sc_line_stipple_23                          00:00:21 mkelly FAIL
 compare mismatch **
  201 r400sc_line_stipple_fc_08                       00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_line_stipple_fc_08

  202 r400sc_line_strip_stipple_01                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_line_strip_stipple_01

  203 r400sc_msaa_1_01                                00:00:14 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_msaa_1_01

  204 r400sc_msaa_1_primtypes_01                      00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_msaa_1_primtypes_01

  205 r400sc_msaa_1_rectangle_list_01                 00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_msaa_1_rectangle_list_01

  206 r400sc_msaa_1_rectangle_list_02                 00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_msaa_1_rectangle_list_02

  207 r400sc_msaa_1_rectangle_list_03                 00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_msaa_1_rectangle_list_03
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  208 r400sc_msaa_1_rectangle_list_04                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_msaa_1_rectangle_list_04

  209 r400sc_msaa_1_rectangle_list_05                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_msaa_1_rectangle_list_05

  210 r400sc_msaa_1_rectangle_list_06                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_msaa_1_rectangle_list_06

  211 r400sc_msaa_1_rectangle_list_07                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_msaa_1_rectangle_list_07

  212 r400sc_msaa_1_rectangle_list_08                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_msaa_1_rectangle_list_08

  213 r400sc_msaa_1_zbuffer_rectangle_list_01            00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_msaa_1_zbuffer_rectangle_list_01

  214 r400sc_msaa_1_zbuffer_rectangle_list_02            00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_msaa_1_zbuffer_rectangle_list_02

  215 r400sc_msaa_2_primtypes_01                         00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_msaa_2_primtypes_01

  216 r400sc_msaa_2_rectangle_list_01                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_msaa_2_rectangle_list_01

  217 r400sc_msaa_2_rectangle_list_02                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_msaa_2_rectangle_list_02

  218 r400sc_msaa_2_rectangle_list_03                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_msaa_2_rectangle_list_03

  219 r400sc_msaa_2_rectangle_list_04                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_msaa_2_rectangle_list_04

  220 r400sc_msaa_2_rectangle_list_05                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_msaa_2_rectangle_list_05

  221 r400sc_msaa_2_rectangle_list_06                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_msaa_2_rectangle_list_06

  222 r400sc_msaa_2_rectangle_list_07                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_msaa_2_rectangle_list_07

  223 r400sc_msaa_2_rectangle_list_08                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_msaa_2_rectangle_list_08
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  224 r400sc_msaa_2_zbuffer_rectangle_list_01           00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_msaa_2_zbuffer_rectangle_list_01

  225 r400sc_msaa_2_zbuffer_rectangle_list_02           00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_msaa_2_zbuffer_rectangle_list_02

  226 r400sc_msaa_3_primtypes_01                        00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_msaa_3_primtypes_01

  227 r400sc_msaa_3_rectangle_list_01                   00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_msaa_3_rectangle_list_01

  228 r400sc_msaa_3_rectangle_list_02                   00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_msaa_3_rectangle_list_02

  229 r400sc_msaa_3_rectangle_list_03                   00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_msaa_3_rectangle_list_03

  230 r400sc_msaa_3_rectangle_list_04                   00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_msaa_3_rectangle_list_04

  231 r400sc_msaa_3_rectangle_list_05                   00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_msaa_3_rectangle_list_05

  232 r400sc_msaa_3_rectangle_list_06                   00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_msaa_3_rectangle_list_06

  233 r400sc_msaa_3_rectangle_list_07                   00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_msaa_3_rectangle_list_07

  234 r400sc_msaa_3_rectangle_list_08                   00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_msaa_3_rectangle_list_08

  235 r400sc_msaa_3_zbuffer_rectangle_list_01           00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_msaa_3_zbuffer_rectangle_list_01

  236 r400sc_msaa_3_zbuffer_rectangle_list_02           00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_msaa_3_zbuffer_rectangle_list_02

  237 r400sc_msaa_4_01                                  00:00:15 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_msaa_4_01

  238 r400sc_msaa_4_primtypes_01                        00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_msaa_4_primtypes_01

  239 r400sc_msaa_4_rectangle_list_01                   00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_msaa_4_rectangle_list_01
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  240 r400sc_msaa_4_rectangle_list_02                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_msaa_4_rectangle_list_02

  241 r400sc_msaa_4_rectangle_list_03                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_msaa_4_rectangle_list_03

  242 r400sc_msaa_4_rectangle_list_04                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_msaa_4_rectangle_list_04

  243 r400sc_msaa_4_rectangle_list_05                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_msaa_4_rectangle_list_05

  244 r400sc_msaa_4_rectangle_list_06                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_msaa_4_rectangle_list_06

  245 r400sc_msaa_4_rectangle_list_07                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_msaa_4_rectangle_list_07

  246 r400sc_msaa_4_rectangle_list_08                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_msaa_4_rectangle_list_08

  247 r400sc_msaa_4_zbuffer_rectangle_list_01            00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_msaa_4_zbuffer_rectangle_list_01

  248 r400sc_msaa_4_zbuffer_rectangle_list_02            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_msaa_4_zbuffer_rectangle_list_02

  249 r400sc_msaa_6_01                                   00:00:15 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_msaa_6_01

  250 r400sc_msaa_6_primtypes_01                         00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_msaa_6_primtypes_01

  251 r400sc_msaa_6_rectangle_list_01                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_msaa_6_rectangle_list_01

  252 r400sc_msaa_6_rectangle_list_02                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_msaa_6_rectangle_list_02

  253 r400sc_msaa_6_rectangle_list_03                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_msaa_6_rectangle_list_03

  254 r400sc_msaa_6_rectangle_list_04                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_msaa_6_rectangle_list_04

  255 r400sc_msaa_6_rectangle_list_05                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_msaa_6_rectangle_list_05
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  256 r400sc_msaa_6_rectangle_list_06                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_msaa_6_rectangle_list_06

  257 r400sc_msaa_6_rectangle_list_07                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_msaa_6_rectangle_list_07

  258 r400sc_msaa_6_rectangle_list_08                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_msaa_6_rectangle_list_08

  259 r400sc_msaa_6_zbuffer_rectangle_list_01            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_msaa_6_zbuffer_rectangle_list_01

  260 r400sc_msaa_6_zbuffer_rectangle_list_02            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_msaa_6_zbuffer_rectangle_list_02

  261 r400sc_msaa_8_01                                   00:00:15 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_msaa_8_01

  262 r400sc_msaa_8_02                                   00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_msaa_8_02

  263 r400sc_msaa_8_03                                   00:00:11 mkelly PASS    mkelly
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  264 r400sc_msaa_8_04                                   00:00:11 mkelly PASS    mkelly
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  265 r400sc_msaa_8_05                                   00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_msaa_8_05

  266 r400sc_msaa_8_aa_mask_01                           00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_msaa_8_aa_mask_01

  267 r400sc_msaa_8_aa_mask_02                           00:00:28 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_msaa_8_aa_mask_02

  268 r400sc_msaa_8_aa_mask_fc_02                        00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_msaa_8_aa_mask_fc_02

  269 r400sc_msaa_8_primtypes_01                         00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_msaa_8_primtypes_01

  270 r400sc_msaa_8_rectangle_list_01                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_msaa_8_rectangle_list_01

  271 r400sc_msaa_8_rectangle_list_02                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_msaa_8_rectangle_list_02
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  272 r400sc_msaa_8_rectangle_list_03                    00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_msaa_8_rectangle_list_03

  273 r400sc_msaa_8_rectangle_list_04                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_msaa_8_rectangle_list_04

  274 r400sc_msaa_8_rectangle_list_05                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_msaa_8_rectangle_list_05

  275 r400sc_msaa_8_rectangle_list_06                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_msaa_8_rectangle_list_06

  276 r400sc_msaa_8_rectangle_list_07                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_msaa_8_rectangle_list_07

  277 r400sc_msaa_8_rectangle_list_08                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_msaa_8_rectangle_list_08

  278 r400sc_msaa_8_zbuffer_rectangle_list_01            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_msaa_8_zbuffer_rectangle_list_01

  279 r400sc_msaa_8_zbuffer_rectangle_list_02            00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_msaa_8_zbuffer_rectangle_list_02

  280 r400sc_null_triangles_01                           00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_null_triangles_01

  281 r400sc_null_triangles_fc_01                        00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_null_triangles_fc_01

  282 r400sc_packed_color_01                             00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_packed_color_01

  283 r400sc_perf_01                                     00:00:15 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_perf_01

  284 r400sc_perf_02                                     00:00:13 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_perf_02

  285 r400sc_perf_03                                     00:00:12 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_perf_03

  286 r400sc_pinwheel_01                                 00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_pinwheel_01

  287 r400sc_pinwheel_02                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_pinwheel_02
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  288 r400sc_point_jss_3x4_01                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_point_jss_3x4_01

  289 r400sc_point_list_01                             00:00:27 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_point_list_01

  290 r400sc_point_list_02                             00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_point_list_02

  291 r400sc_point_list_03                             00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_point_list_03

  292 r400sc_point_list_04                             00:00:25 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_point_list_04

  293 r400sc_point_list_05                             00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_point_list_05

  294 r400sc_point_list_06                             00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_point_list_06

  295 r400sc_point_list_07                             00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_point_list_07

  296 r400sc_point_list_08                             00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_point_list_08

  297 r400sc_point_list_09                             00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_point_list_09

  298 r400sc_point_msaa_8_01                           00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_point_msaa_8_01

  299 r400sc_poly_offset_01                            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_poly_offset_01

  300 r400sc_poly_offset_02                            00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_poly_offset_02

  301 r400sc_poly_offset_04                            00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_poly_offset_04

  302 r400sc_poly_offset_05                            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_poly_offset_05

  303 r400sc_poly_offset_06                            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_poly_offset_06
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  304 r400sc_poly_offset_07                           00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_poly_offset_07

  305 r400sc_poly_offset_08                           00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_poly_offset_08

  306 r400sc_poly_offset_09                           00:01:00 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_poly_offset_09

  307 r400sc_poly_offset_fc_01                        00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_poly_offset_fc_01

  308 r400sc_polygon_stipple_01                       00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_polygon_stipple_01

  309 r400sc_polymode_tri_fill_01                     00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_polymode_tri_fill_01

  310 r400sc_prsp_byc_intrp_ref_pix_01                00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_prsp_byc_intrp_ref_pix_01

  311 r400sc_prsp_byc_intrp_ref_pix_02                00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_prsp_byc_intrp_ref_pix_02

  312 r400sc_prsp_byc_intrp_ref_pix_03                00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_prsp_byc_intrp_ref_pix_03

  313 r400sc_prsp_byc_intrp_ref_pix_04                00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_prsp_byc_intrp_ref_pix_04

  314 r400sc_prsp_byc_intrp_ref_pix_05                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_prsp_byc_intrp_ref_pix_05

  315 r400sc_prsp_byc_intrp_ref_pix_06                00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_prsp_byc_intrp_ref_pix_06

  316 r400sc_prsp_byc_intrp_ref_pix_07                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_prsp_byc_intrp_ref_pix_07

  317 r400sc_prsp_byc_intrp_ref_pix_08                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_prsp_byc_intrp_ref_pix_08

  318 r400sc_raster_fill_rule_01                      00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_raster_fill_rule_01

  319 r400sc_raster_fill_rule_02                      00:00:46 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_raster_fill_rule_02
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  320 r400sc_raster_fill_rule_03                          00:00:33 mkelly PASS    mkelly
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  321 r400sc_raster_fill_rule_04                          00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_raster_fill_rule_04

  322 r400sc_raster_fill_rule_05                          00:00:22 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_raster_fill_rule_05

  323 r400sc_raster_fill_rule_06                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_raster_fill_rule_06

  324 r400sc_raster_fill_rule_07                          00:00:27 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_raster_fill_rule_07

  325 r400sc_raster_fill_rule_08                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_raster_fill_rule_08

  326 r400sc_raster_fill_rule_09                          00:00:26 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_raster_fill_rule_09

  327 r400sc_raster_fill_rule_10                          00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_raster_fill_rule_10

  328 r400sc_raster_fill_rule_11                          00:00:11 mkelly PASS    mkelly
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  329 r400sc_raster_fill_rule_12                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_raster_fill_rule_12

  330 r400sc_raster_fill_rule_13                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_raster_fill_rule_13

  331 r400sc_raster_fill_rule_14                          00:00:23 mkelly PASS    mkelly
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  332 r400sc_raster_fill_rule_15                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_raster_fill_rule_15

  333 r400sc_raster_fill_rule_16                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_raster_fill_rule_16

  334 r400sc_raster_fill_rule_17                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_raster_fill_rule_17

  335 r400sc_raster_fill_rule_18                          00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_raster_fill_rule_18
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  336 r400sc_raster_fill_rule_19                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_raster_fill_rule_19

  337 r400sc_raster_fill_rule_20                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_raster_fill_rule_20

  338 r400sc_raster_fill_rule_21                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_raster_fill_rule_21

  339 r400sc_raster_fill_rule_22                          00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_raster_fill_rule_22

  340 r400sc_raster_fill_rule_23                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_raster_fill_rule_23

  341 r400sc_raster_fill_rule_24                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_raster_fill_rule_24

  342 r400sc_raster_fill_rule_25                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_raster_fill_rule_25

  343 r400sc_raster_fill_rule_26                          00:00:22 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_raster_fill_rule_26

  344 r400sc_raster_fill_rule_fc_01                       00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_raster_fill_rule_fc_01

  345 r400sc_rbbm_reg_read                                00:00:05 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_rbbm_reg_read

  346 r400sc_rectangle_list_01                            00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_rectangle_list_01

  347 r400sc_rectangle_list_02                            00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_rectangle_list_02

  348 r400sc_rectangle_list_03                            00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_rectangle_list_03

  349 r400sc_rectangle_list_04                            00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_rectangle_list_04

  350 r400sc_rectangle_list_05                            00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_rectangle_list_05

  351 r400sc_rectangle_list_06                            00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_rectangle_list_06
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  352 r400sc_rectangle_list_07                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_rectangle_list_07

  353 r400sc_rectangle_list_08                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_rectangle_list_08

  354 r400sc_scissor_rect_01                            00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_scissor_rect_01

  355 r400sc_scissor_rect_02                            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_scissor_rect_02

  356 r400sc_scissor_rect_03                            00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_scissor_rect_03

  357 r400sc_scissor_rect_04                            00:00:22 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_scissor_rect_04

  358 r400sc_scissor_rect_05                            00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_scissor_rect_05

  359 r400sc_scissor_rect_fc_01                         00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_scissor_rect_fc_01

  360 r400sc_set_state_01                               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_set_state_01

  361 r400sc_sp_sample_cntl_01                          00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_sp_sample_cntl_01

  362 r400sc_sp_sample_cntl_02                          00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_sp_sample_cntl_02

  363 r400sc_sp_sample_cntl_03                          00:00:31 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_sp_sample_cntl_03

  364 r400sc_sp_sample_cntl_04                          00:00:31 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_sp_sample_cntl_04

  365 r400sc_sp_sample_cntl_05                          00:00:27 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_sp_sample_cntl_05

  366 r400sc_sp_sample_cntl_06                          00:00:30 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_sp_sample_cntl_06

  367 r400sc_sp_sample_cntl_07                          00:00:28 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_sp_sample_cntl_07
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  368 r400sc_sp_sample_cntl_08                          00:00:27 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_sp_sample_cntl_08

  369 r400sc_sp_sample_cntl_09                          00:00:12 mkelly FAIL
 gold or cmp file mis
  370 r400sc_sp_sample_cntl_10                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_sp_sample_cntl_10

  371 r400sc_sp_sample_cntl_fc_03                       00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_sp_sample_cntl_fc_03

  372 r400sc_sp_sample_cntl_fc_05                       00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_sp_sample_cntl_fc_05

  373 r400sc_tri_16_par_64_dwords_01                    00:00:24 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_tri_16_par_64_dwords_01

  374 r400sc_tri_8textures_01                           00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_tri_8textures_01

  375 r400sc_tri_8textures_02                           00:00:25 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_tri_8textures_02

  376 r400sc_tri_walk_start_vertex_01                   00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_tri_walk_start_vertex_01

  377 r400sc_tri_walk_start_vertex_02                   00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_tri_walk_start_vertex_02

  378 r400sc_tri_walk_start_vertex_03                   00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_tri_walk_start_vertex_03

  379 r400sc_tri_walk_start_vertex_04                   00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_tri_walk_start_vertex_04

  380 r400sc_tri_walk_start_vertex_05                   00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_tri_walk_start_vertex_05

  381 r400sc_tri_walk_start_vertex_06                   00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_tri_walk_start_vertex_06

  382 r400sc_tri_walk_start_vertex_07                   00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_tri_walk_start_vertex_07

  383 r400sc_tri_walk_start_vertex_08                   00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_tri_walk_start_vertex_08
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  384 r400sc_tri_walk_start_vertex_09                    00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_tri_walk_start_vertex_09

  385 r400sc_tri_walk_start_vertex_10                    00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_tri_walk_start_vertex_10

  386 r400sc_tri_walk_start_vertex_11                    00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_tri_walk_start_vertex_11

  387 r400sc_tri_walk_start_vertex_12                    00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_tri_walk_start_vertex_12

  388 r400sc_tri_walk_start_vertex_13                    00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_tri_walk_start_vertex_13

  389 r400sc_tri_walk_start_vertex_14                    00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_tri_walk_start_vertex_14

  390 r400sc_tri_walk_start_vertex_15                    00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_tri_walk_start_vertex_15

  391 r400sc_tri_walk_start_vertex_16                    00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_tri_walk_start_vertex_16

  392 r400sc_triangle_stipple_01                         00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_triangle_stipple_01

  393 r400sc_window_offset_01                            00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_window_offset_01

  394 r400sc_window_offset_02                            00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_window_offset_02

  395 r400sc_window_offset_03                            00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_window_offset_03

  396 r400sc_window_offset_04                            00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_window_offset_04

  397 r400sc_window_offset_05                            00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_window_offset_05

  398 r400sc_window_offset_fc_01                         00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_window_offset_fc_01

  399 r400sc_window_scis_01                              00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_window_scis_01
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  400 r400sc_zbuffer_line_list_01                        00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_zbuffer_line_list_01

  401 r400sc_zbuffer_point_list_01                       00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_zbuffer_point_list_01

  402 r400sc_zbuffer_rectangle_list_01                   00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_zbuffer_rectangle_list_01

  403 r400sc_zbuffer_rectangle_list_02                   00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_zbuffer_rectangle_list_02

  404 r400sc_zbuffer_rectangle_list_fc_02                00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_zbuffer_rectangle_list_fc_02

  405 r400sc_zbuffer_triangle_list_01                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sc_zbuffer_triangle_list_01

  406 r400cl_clip_vertex_reorder_01                      00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_clip_vertex_reorder_01

  407 r400cl_gband_variations_01                         00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_gband_variations_01

  408 r400cl_gband_variations_infNan_01                  00:00:22 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_gband_variations_infNan_01

  409 r400cl_nan_kill_combo_01                           00:01:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_nan_kill_combo_01

  410 r400cl_triangle_plane_01                           00:00:22 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_triangle_plane_01

  411 r400cl_edgeflags_lineFill_gband_01                 00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_edgeflags_lineFill_gband_01

  412 r400cl_edgeflags_lineFill_gband_02                 00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_edgeflags_lineFill_gband_02

  413 r400cl_edgeflags_lineFill_gband_03                 00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_edgeflags_lineFill_gband_03

  414 r400cl_edgeflags_lineFill_gband_04                 00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_edgeflags_lineFill_gband_04

  415 r400cl_edgeflags_lineFill_gband_05                 00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_edgeflags_lineFill_gband_05
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  416 r400cl_edgeflags_lineFill_gband_horzClip_06        00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_edgeflags_lineFill_gband_horzCli
p_06
  417 r400cl_edgeflags_lineFill_gband_vertClip_06        00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_edgeflags_lineFill_gband_vertCli
p_06
  418 r400cl_edgeflags_lineFill_gband_07                 00:00:32 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_edgeflags_lineFill_gband_07

  419 r400cl_edgeflags_pointFill_gband_01                00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_edgeflags_pointFill_gband_01

  420 r400cl_edgeflags_pointFill_gband_02                00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_edgeflags_pointFill_gband_02

  421 r400cl_edgeflags_pointFill_gband_03                00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_edgeflags_pointFill_gband_03

  422 r400cl_edgeflags_pointFill_gband_04                00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_edgeflags_pointFill_gband_04

  423 r400cl_edgeflags_pointFill_gband_05                00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_edgeflags_pointFill_gband_05

  424 r400cl_edgeflags_pointFill_gband_horzClip_06       00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_edgeflags_pointFill_gband_horzCl
ip_06
  425 r400cl_edgeflags_pointFill_gband_vertClip_06       00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_edgeflags_pointFill_gband_vertCl
ip_06
  426 r400cl_edgeflags_pointFill_gband_07                00:00:30 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_edgeflags_pointFill_gband_07

  427 r400cl_gband_tcl_01                                00:00:27 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_gband_tcl_01

  428 r400cl_clip_space_dx_ogl_02                        00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_clip_space_dx_ogl_02

  429 r400cl_barycentric_clip_perspective_01             00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_barycentric_clip_perspective_01

  430 r400cl_barycentric_clip_perspective_02             00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_barycentric_clip_perspective_02

  431 r400cl_barycentric_clip_perspective_03             00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_barycentric_clip_perspective_03
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  432 r400cl_barycentric_clip_perspective_04             00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_barycentric_clip_perspective_04

  433 r400cl_gband_triclip_01                           00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_gband_triclip_01

  434 r400cl_gband_point_01                             00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_gband_point_01

  435 r400cl_edgeflags_pointFill_01                     00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_edgeflags_pointFill_01

  436 r400cl_edgeflags_pointFill_02                     00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_edgeflags_pointFill_02

  437 r400cl_edgeflags_pointFill_03                     00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_edgeflags_pointFill_03

  438 r400cl_edgeflags_pointFill_04                     00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_edgeflags_pointFill_04

  439 r400cl_edgeflags_pointFill_05                     00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_edgeflags_pointFill_05

  440 r400cl_edgeflags_pointFill_vertClip_06            00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_edgeflags_pointFill_vertClip_06

  441 r400cl_edgeflags_pointFill_horzClip_06            00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_edgeflags_pointFill_horzClip_06

  442 r400cl_edgeflags_pointFill_07                     00:00:29 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_edgeflags_pointFill_07

  443 r400cl_ucp_combo_quadstrip_01                     00:00:46 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_ucp_combo_quadstrip_01

  444 r400cl_ucp_combo_polygon_01                       00:00:44 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_ucp_combo_polygon_01

  445 r400cl_ucp_cube_02                                00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_ucp_cube_02

  446 r400cl_ucp_cube_01                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_ucp_cube_01

  447 r400cl_frustum_point_01                           00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_frustum_point_01
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  448 r400cl_vertex_reuse_clip_02                         00:00:56 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_vertex_reuse_clip_02

  449 r400cl_vertex_reuse_clip_03                         00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_vertex_reuse_clip_03

  450 r400cl_point_ucp_clip_mode3_cull_enable_01          00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_point_ucp_clip_mode3_cull_enable
_01
  451 r400cl_point_ucp_clip_mode3_cull_disable_01         00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_point_ucp_clip_mode3_cull_disabl
e_01
  452 r400cl_point_ucp_clip_mode2_cull_enable_01          00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_point_ucp_clip_mode2_cull_enable
_01
  453 r400cl_point_ucp_clip_mode2_cull_disable_01         00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_point_ucp_clip_mode2_cull_disabl
e_01
  454 r400cl_point_ucp_clip_mode1_cull_disable_01         00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_point_ucp_clip_mode1_cull_disabl
e_01
  455 r400cl_point_ucp_clip_mode0_cull_disable_01         00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_point_ucp_clip_mode0_cull_disabl
e_01
  456 r400cl_point_gband_clip_01                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_point_gband_clip_01

  457 r400cl_point_frustum_clip_01                        00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_point_frustum_clip_01

  458 r400cl_point_size_ucp_combo_01                      00:00:28 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_point_size_ucp_combo_01

  459 r400cl_frustum_LR_TB_01                             00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_frustum_LR_TB_01

  460 r400cl_edgeflags_05                                 00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_edgeflags_05

  461 r400cl_edgeflags_06                                 00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_edgeflags_06

  462 r400cl_edgeflags_07                                 00:00:29 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_edgeflags_07

  463 r400cl_cull_only_ena_02                             00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_cull_only_ena_02
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  464 r400cl_cull_only_ena_03                          00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_cull_only_ena_03

  465 r400cl_barycentric_texture_01                    00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_barycentric_texture_01

  466 r400cl_clip_10_verts_01                          00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_clip_10_verts_01

  467 r400cl_clip_disable_01                           00:00:22 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_clip_disable_01

  468 r400cl_clip_space_dx_ogl_01                      00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_clip_space_dx_ogl_01

  469 r400cl_clip_ucp_6bits_01                         00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_clip_ucp_6bits_01

  470 r400cl_cull_only_ena_01                          00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_cull_only_ena_01

  471 r400cl_edgeflags_01                              00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_edgeflags_01

  472 r400cl_edgeflags_02                              00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_edgeflags_02

  473 r400cl_edgeflags_03                              00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_edgeflags_03

  474 r400cl_edgeflags_04                              00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_edgeflags_04

  475 r400cl_edgeflags_frustum_bottom_01               00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_edgeflags_frustum_bottom_01

  476 r400cl_edgeflags_frustum_far_01                  00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_edgeflags_frustum_far_01

  477 r400cl_edgeflags_frustum_left_01                 00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_edgeflags_frustum_left_01

  478 r400cl_edgeflags_frustum_near_01                 00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_edgeflags_frustum_near_01

  479 r400cl_edgeflags_frustum_right_01                00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_edgeflags_frustum_right_01
```

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  480 r400cl_edgeflags_frustum_top_01                    00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_edgeflags_frustum_top_01

  481 r400cl_edgeflags_gband_01                          00:00:21 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_edgeflags_gband_01

  482 r400cl_edgeflags_gband_bottom_01                   00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_edgeflags_gband_bottom_01

  483 r400cl_edgeflags_gband_left_01                     00:00:21 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_edgeflags_gband_left_01

  484 r400cl_edgeflags_gband_right_01                    00:00:21 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_edgeflags_gband_right_01

  485 r400cl_edgeflags_gband_top_01                      00:00:21 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_edgeflags_gband_top_01

  486 r400cl_edgeflags_texture_sample_01                 00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_edgeflags_texture_sample_01

  487 r400cl_frustum_01                                  00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_frustum_01

  488 r400cl_frustum_02                                  00:00:24 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_frustum_02

  489 r400cl_frustum_03                                  00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_frustum_03

  490 r400cl_frustum_04                                  00:00:26 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_frustum_04

  491 r400cl_frustum_05                                  00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_frustum_05

  492 r400cl_frustum_06                                  00:00:24 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_frustum_06

  493 r400cl_frustum_07                                  00:00:24 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_frustum_07

  494 r400cl_frustum_08                                  00:00:27 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_frustum_08

  495 r400cl_frustum_09                                  00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_frustum_09
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  496 r400cl_frustum_10                                 00:00:24 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_frustum_10

  497 r400cl_frustum_11                                 00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_frustum_11

  498 r400cl_frustum_12                                 00:00:27 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_frustum_12

  499 r400cl_frustum_13                                 00:00:21 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_frustum_13

  500 r400cl_frustum_14                                 00:00:24 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_frustum_14

  501 r400cl_frustum_15                                 00:00:24 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_frustum_15

  502 r400cl_frustum_16                                 00:00:26 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_frustum_16

  503 r400cl_frustum_17                                 00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_frustum_17

  504 r400cl_frustum_18                                 00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_frustum_18

  505 r400cl_frustum_19                                 00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_frustum_19

  506 r400cl_frustum_20                                 00:00:25 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_frustum_20

  507 r400cl_frustum_21                                 00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_frustum_21

  508 r400cl_frustum_22                                 00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_frustum_22

  509 r400cl_frustum_23                                 00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_frustum_23

  510 r400cl_frustum_24                                 00:00:26 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_frustum_24

  511 r400cl_frustum_25                                 00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_frustum_25
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  512 r400cl_frustum_26                                00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_frustum_26

  513 r400cl_frustum_27                                00:00:24 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_frustum_27

  514 r400cl_frustum_28                                00:00:28 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_frustum_28

  515 r400cl_frustum_29                                00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_frustum_29

  516 r400cl_frustum_30                                00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_frustum_30

  517 r400cl_frustum_31                                00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_frustum_31

  518 r400cl_frustum_32                                00:00:27 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_frustum_32

  519 r400cl_frustum_33                                00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_frustum_33

  520 r400cl_frustum_34                                00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_frustum_34

  521 r400cl_frustum_35                                00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_frustum_35

  522 r400cl_frustum_36                                00:00:27 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_frustum_36

  523 r400cl_frustum_37                                00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_frustum_37

  524 r400cl_frustum_38                                00:00:22 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_frustum_38

  525 r400cl_frustum_39                                00:00:22 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_frustum_39

  526 r400cl_frustum_40                                00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_frustum_40

  527 r400cl_frustum_41                                00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_frustum_41
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  528 r400cl_frustum_42                                 00:00:23 mkelly PASS    mkelly
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  529 r400cl_frustum_43                                 00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_frustum_43

  530 r400cl_frustum_44                                 00:00:24 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_frustum_44

  531 r400cl_frustum_45                                 00:00:21 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_frustum_45

  532 r400cl_frustum_46                                 00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_frustum_46

  533 r400cl_frustum_47                                 00:00:22 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_frustum_47

  534 r400cl_frustum_48                                 00:00:24 mkelly PASS    mkelly
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  535 r400cl_frustum_49                                 00:00:21 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_frustum_49

  536 r400cl_frustum_50                                 00:00:22 mkelly PASS    mkelly
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  537 r400cl_frustum_51                                 00:00:23 mkelly PASS    mkelly
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  538 r400cl_frustum_52                                 00:00:24 mkelly PASS    mkelly
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  539 r400cl_frustum_53                                 00:00:21 mkelly PASS    mkelly
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  540 r400cl_frustum_54                                 00:00:22 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_frustum_54

  541 r400cl_frustum_55                                 00:00:22 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_frustum_55

  542 r400cl_frustum_56                                 00:00:24 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_frustum_56

  543 r400cl_frustum_57                                 00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_frustum_57
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  544 r400cl_frustum_58                                00:00:22 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_frustum_58

  545 r400cl_frustum_59                                00:00:22 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_frustum_59

  546 r400cl_frustum_60                                00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_frustum_60

  547 r400cl_frustum_61                                00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_frustum_61

  548 r400cl_frustum_62                                00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_frustum_62

  549 r400cl_frustum_63                                00:00:22 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_frustum_63

  550 r400cl_frustum_64                                00:00:24 mkelly PASS    mkelly
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  551 r400cl_frustum_65                                00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_frustum_65

  552 r400cl_frustum_66                                00:00:23 mkelly PASS    mkelly
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  553 r400cl_frustum_67                                00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_frustum_67

  554 r400cl_frustum_68                                00:00:24 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_frustum_68

  555 r400cl_frustum_69                                00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_frustum_69

  556 r400cl_frustum_70                                00:00:23 mkelly PASS    mkelly
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  557 r400cl_frustum_71                                00:00:22 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_frustum_71

  558 r400cl_frustum_72                                00:00:25 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_frustum_72

  559 r400cl_frustum_76                                00:00:26 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_frustum_76
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  560 r400cl_frustum_81                                 00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_frustum_81

  561 r400cl_frustum_86                                 00:00:22 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_frustum_86

  562 r400cl_frustum_91                                 00:00:22 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_frustum_91

  563 r400cl_frustum_96                                 00:00:25 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_frustum_96

  564 r400cl_frustum_LFT_combos_01                      00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_frustum_LFT_combos_01

  565 r400cl_frustum_LFT_rotated_01                     00:00:35 mkelly FAIL
 compare mismatch **
  566 r400cl_frustum_all_vols_lines                     00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_frustum_all_vols_lines

  567 r400cl_frustum_all_vols_tris                      00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_frustum_all_vols_tris

  568 r400cl_frustum_lines_01                           00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_frustum_lines_01

  569 r400cl_frustum_lines_02                           00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_frustum_lines_02

  570 r400cl_frustum_lines_03                           00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_frustum_lines_03

  571 r400cl_frustum_lines_04                           00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_frustum_lines_04

  572 r400cl_frustum_lines_05                           00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_frustum_lines_05

  573 r400cl_frustum_lines_06                           00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_frustum_lines_06

  574 r400cl_frustum_lines_07                           00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_frustum_lines_07

  575 r400cl_frustum_lines_08                           00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_frustum_lines_08

  576 r400cl_frustum_lines_09                           00:00:15 mkelly PASS    mkelly
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\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_frustum_lines_09

577 r400cl_frustum_lines_10 00:00:17 mkelly PASS mkelly
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578 r400cl_frustum_lines_101 00:00:15 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_frustum_lines_101

579 r400cl_frustum_lines_102 00:00:17 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_frustum_lines_102

580 r400cl_frustum_lines_103 00:00:17 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_frustum_lines_103

581 r400cl_frustum_lines_104 00:00:19 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_frustum_lines_104

582 r400cl_frustum_lines_105 00:00:15 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_frustum_lines_105

583 r400cl_frustum_lines_106 00:00:18 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_frustum_lines_106

584 r400cl_frustum_lines_107 00:00:16 mkelly PASS mkelly
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585 r400cl_frustum_lines_108 00:00:18 mkelly PASS mkelly
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586 r400cl_frustum_lines_11 00:00:16 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_frustum_lines_11

587 r400cl_frustum_lines_12 00:00:18 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_frustum_lines_12

588 r400cl_frustum_lines_13 00:00:15 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_frustum_lines_13

589 r400cl_frustum_lines_14 00:00:17 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_frustum_lines_14

590 r400cl_frustum_lines_15 00:00:17 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_frustum_lines_15

591 r400cl_frustum_lines_16 00:00:18 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_frustum_lines_16

592 r400cl_frustum_lines_17 00:00:16 mkelly PASS mkelly

\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_frustum_lines_17

593 r400cl_frustum_lines_18 00:00:18 mkelly PASS mkelly
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594 r400cl_frustum_lines_19 00:00:17 mkelly PASS mkelly
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595 r400cl_frustum_lines_20 00:00:19 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_frustum_lines_20

596 r400cl_frustum_lines_21 00:00:15 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_frustum_lines_21

597 r400cl_frustum_lines_22 00:00:16 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_frustum_lines_22

598 r400cl_frustum_lines_23 00:00:17 mkelly PASS mkelly
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599 r400cl_frustum_lines_24 00:00:18 mkelly PASS mkelly
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600 r400cl_frustum_lines_25 00:00:15 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_frustum_lines_25

601 r400cl_frustum_lines_26 00:00:17 mkelly PASS mkelly
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602 r400cl_frustum_lines_27 00:00:17 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_frustum_lines_27

603 r400cl_frustum_lines_28 00:00:19 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_frustum_lines_28

604 r400cl_frustum_lines_29 00:00:16 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_frustum_lines_29

605 r400cl_frustum_lines_30 00:00:17 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_frustum_lines_30

606 r400cl_frustum_lines_31 00:00:17 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_frustum_lines_31

607 r400cl_frustum_lines_32 00:00:19 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_frustum_lines_32

608 r400cl_frustum_lines_33 00:00:16 mkelly PASS mkelly

\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_frustum_lines_33

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\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_ucp_combos_49

  741 r400cl_ucp_combos_50                              00:00:54 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_ucp_combos_50

  742 r400cl_ucp_combos_51                              00:00:55 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_ucp_combos_51

  743 r400cl_ucp_combos_52                              00:00:55 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_ucp_combos_52

  744 r400cl_ucp_combos_53                              00:00:54 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_ucp_combos_53

  745 r400cl_ucp_combos_54                              00:00:54 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_ucp_combos_54

  746 r400cl_ucp_combos_55                              00:00:55 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_ucp_combos_55

  747 r400cl_ucp_combos_56                              00:00:55 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_ucp_combos_56

  748 r400cl_ucp_combos_57                              00:00:54 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_ucp_combos_57

  749 r400cl_ucp_combos_58                              00:00:55 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_ucp_combos_58

  750 r400cl_ucp_combos_59                              00:00:54 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_ucp_combos_59

  751 r400cl_ucp_combos_60                              00:00:55 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_ucp_combos_60

  752 r400cl_ucp_combos_61                              00:00:55 mkelly PASS    mkelly

\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_ucp_combos_61

  753 r400cl_ucp_combos_62                              00:00:55 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_ucp_combos_62

  754 r400cl_ucp_combos_63                              00:00:54 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_ucp_combos_63

  755 r400cl_ucp_combos_64                              00:00:55 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_ucp_combos_64

  756 r400cl_ucp_pointlist_01                           00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_ucp_pointlist_01

  757 r400cl_vertex_reuse_clip_01                       00:00:51 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_vertex_reuse_clip_01

  758 r400cl_vtx_kill_01                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_vtx_kill_01

  759 r400cl_vtx_kill_02                                00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_vtx_kill_02

  760 r400cl_w_eq_0                                     00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_w_eq_0

  761 r400cl_clip_edgeflags_frustum_corners_01          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_clip_edgeflags_frustum_corners_0
1
  762 r400cl_clip_edgeflags_frustum_corners_02          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cl_clip_edgeflags_frustum_corners_0
2
  763 r400vgt_auto_index_line_list_01                   00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_auto_index_line_list_01

  764 r400vgt_auto_index_line_loop_01                   00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_auto_index_line_loop_01

  765 r400vgt_auto_index_line_strip_01                  00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_auto_index_line_strip_01

  766 r400vgt_auto_index_points_01                      00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_auto_index_points_01

  767 r400vgt_auto_index_polygon_01                     00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_auto_index_polygon_01

  768 r400vgt_auto_index_primtypes_01                   00:00:11 mkelly PASS    mkelly

\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_auto_index_primtypes_01

769 r400vgt_auto_index_quad_list_01 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_auto_index_quad_list_01

770 r400vgt_auto_index_quad_strip_01 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_auto_index_quad_strip_01

771 r400vgt_auto_index_rectangle_list_01 00:00:13 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_auto_index_rectangle_list_01

772 r400vgt_auto_index_tri_fan_01 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_auto_index_tri_fan_01

773 r400vgt_auto_index_tri_list_01 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_auto_index_tri_list_01

774 r400vgt_auto_index_tri_strip_01 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_auto_index_tri_strip_01

775 r400vgt_auto_index_tri_wflags_01 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_auto_index_tri_wflags_01

776 r400vgt_debug_registers_01 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_debug_registers_01

777 r400vgt_dma_engine_01 00:00:13 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_dma_engine_01

778 r400vgt_dma_engine_02 00:00:14 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_dma_engine_02

779 r400vgt_dma_engine_03 00:00:13 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_dma_engine_03

780 r400vgt_dma_engine_04 00:00:14 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_dma_engine_04

781 r400vgt_dma_engine_05 00:00:14 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_dma_engine_05

782 r400vgt_dma_engine_06 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_dma_engine_06

783 r400vgt_dma_engine_07 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_dma_engine_07

784 r400vgt_dma_engine_08 00:00:13 mkelly PASS mkelly

\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_dma_engine_08

785 r400vgt_dma_engine_09 00:00:15 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_dma_engine_09

786 r400vgt_dma_engine_10 00:00:13 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_dma_engine_10

787 r400vgt_dma_index_line_list_01 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_dma_index_line_list_01

788 r400vgt_dma_index_line_loop_01 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_dma_index_line_loop_01

789 r400vgt_dma_index_line_strip_01 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_dma_index_line_strip_01

790 r400vgt_dma_index_points_01 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_dma_index_points_01

791 r400vgt_dma_index_polygon_01 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_dma_index_polygon_01

792 r400vgt_dma_index_primtypes_01 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_dma_index_primtypes_01

793 r400vgt_dma_index_primtypes_02 00:00:14 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_dma_index_primtypes_02

794 r400vgt_dma_index_quad_list_01 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_dma_index_quad_list_01

795 r400vgt_dma_index_quad_strip_01 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_dma_index_quad_strip_01

796 r400vgt_dma_index_rectangle_list_01 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_dma_index_rectangle_list_01

797 r400vgt_dma_index_tri_fan_01 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_dma_index_tri_fan_01

798 r400vgt_dma_index_tri_list_01 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_dma_index_tri_list_01

799 r400vgt_dma_index_tri_strip_01 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_dma_index_tri_strip_01

800 r400vgt_dma_index_tri_wflags_01 00:00:11 mkelly PASS mkelly

\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_dma_index_tri_wflags_01

801 r400vgt_dma_swap_indx16_01 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_dma_swap_indx16_01

802 r400vgt_dma_swap_indx16_agp_01 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_dma_swap_indx16_agp_01

803 r400vgt_dma_swap_indx16_pci_01 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_dma_swap_indx16_pci_01

804 r400vgt_dma_swap_indx32_01 00:00:13 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_dma_swap_indx32_01

805 r400vgt_dma_swap_indx32_agp_01 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_dma_swap_indx32_agp_01

806 r400vgt_dma_swap_indx32_pci_01 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_dma_swap_indx32_pci_01

807 r400vgt_draw_init_fifo_depth_01 00:01:13 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_draw_init_fifo_depth_01

808 r400vgt_edgeflags_polygon_01 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_edgeflags_polygon_01

809 r400vgt_edgeflags_quad_list_01 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_edgeflags_quad_list_01

810 r400vgt_edgeflags_quad_strip_01 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_edgeflags_quad_strip_01

811 r400vgt_edgeflags_triangle_fan_01 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_edgeflags_triangle_fan_01

812 r400vgt_edgeflags_triangle_list_01 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_edgeflags_triangle_list_01

813 r400vgt_edgeflags_triangle_strip_01 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_edgeflags_triangle_strip_01

814 r400vgt_edgeflags_triangle_wflags_01 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_edgeflags_triangle_wflags_01

815 r400vgt_event_handling_01 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_event_handling_01

816 r400vgt_event_handling_02 00:00:12 mkelly PASS mkelly

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\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_event_handling_02

  817 r400vgt_event_handling_03                          00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_event_handling_03

  818 r400vgt_event_handling_04                          00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_event_handling_04

  819 r400vgt_ext2int_index_line_list_01                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_ext2int_index_line_list_01

  820 r400vgt_ext2int_index_line_loop_01                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_ext2int_index_line_loop_01

  821 r400vgt_ext2int_index_line_strip_01                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_ext2int_index_line_strip_01

  822 r400vgt_ext2int_index_points_01                    00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_ext2int_index_points_01

  823 r400vgt_ext2int_index_polygon_01                   00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_ext2int_index_polygon_01

  824 r400vgt_ext2int_index_quad_list_01                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_ext2int_index_quad_list_01

  825 r400vgt_ext2int_index_quad_strip_01                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_ext2int_index_quad_strip_01

  826 r400vgt_ext2int_index_rectangle_list_01            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_ext2int_index_rectangle_list_01

  827 r400vgt_ext2int_index_triangle_fan_01              00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_ext2int_index_triangle_fan_01

  828 r400vgt_ext2int_index_triangle_list_01             00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_ext2int_index_triangle_list_01

  829 r400vgt_ext2int_index_triangle_strip_01            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_ext2int_index_triangle_strip_01

  830 r400vgt_ext2int_index_triangle_wflags_01           00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_ext2int_index_triangle_wflags_0
1
  831 r400vgt_hos_auto_index_line_list_01                00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_hos_auto_index_line_list_01

  832 r400vgt_hos_auto_index_quad_list_01                00:01:35 mkelly PASS    mkelly
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\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_hos_auto_index_quad_list_01

  833 r400vgt_hos_auto_index_triangle_list_01            00:01:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_hos_auto_index_triangle_list_01

  834 r400vgt_hos_cubic_pos_pnt_discrete_01              00:00:25 mkelly FAIL
 compare mismatch **
  835 r400vgt_hos_LINE_adaptive_complex                  00:00:11 mkelly FAIL
 compare mismatch **
  836 r400vgt_hos_LPatch_01                              00:00:16 mkelly FAIL
 compare mismatch **
  837 r400vgt_hos_multi_prim_reset_index_01              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_hos_multi_prim_reset_index_01

  838 r400vgt_hos_PNl_adaptive_complex                   00:00:11 mkelly FAIL
 compare mismatch **
  839 r400vgt_hos_PNL_cp_ln_cont_no_projection_01        00:00:15 mkelly FAIL
 compare mismatch **
  840 r400vgt_hos_PNL_lp_ln_cont_no_projection_01        00:00:15 mkelly FAIL
 gold or cmp file mis
  841 r400vgt_hos_PNQ_adaptive_complex                   00:00:28 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_hos_PNQ_adaptive_complex

  842 r400vgt_hos_PNQ_cp_qn_cont_light_texture_01        00:02:26 mkelly FAIL
 compare mismatch **
  843 r400vgt_hos_PNQ_cp_qn_cont_light_texture_02        00:02:28 mkelly FAIL
 compare mismatch **
  844 r400vgt_hos_PNQ_cp_qn_cont_no_projection_01        00:00:50 mkelly FAIL
 compare mismatch **
  845 r400vgt_hos_PNQ_lp_cont_no_projection_01           00:00:39 mkelly FAIL
 compare mismatch **
  846 r400vgt_hos_PNT_adaptive                           00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_hos_PNT_adaptive

  847 r400vgt_hos_PNT_adaptive_complex                   00:03:18 mkelly FAIL
 compare mismatch **
  848 r400vgt_hos_PNT_cont_cp_qn_complex_01              00:02:26 mkelly FAIL
 gold or cmp file mis
  849 r400vgt_hos_PNT_cont_cp_qn_precision_01            00:00:32 mkelly FAIL
 compare mismatch **
  850 r400vgt_hos_PNT_cont_cp_qn_precision_02            00:00:43 mkelly FAIL
 compare mismatch **
  851 r400vgt_hos_PNT_cp_qn_cont_light_texture_01        00:00:50 mkelly FAIL
 gold or cmp file mis
  852 r400vgt_hos_PNT_cp_qn_cont_light_texture_02        00:00:51 mkelly FAIL
 gold or cmp file mis
  853 r400vgt_hos_PNT_cp_qn_cont_light_texture_03        00:00:52 mkelly FAIL
 gold or cmp file mis
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  854 r400vgt_hos_PNT_cp_qn_cont_moving_normals_01       00:01:39 mkelly FAIL
 gold or cmp file mis
  855 r400vgt_hos_PNT_cp_qn_cont_no_projection_01        00:00:28 mkelly FAIL
 compare mismatch **
  856 r400vgt_hos_PNT_cp_qn_disc_14_04_lit_tex_proj_01   00:00:15 mkelly FAIL
 gold or cmp file mis
  857 r400vgt_hos_PNT_disc_cp_qn_complex_01              00:02:01 mkelly FAIL
 gold or cmp file mis
  858 r400vgt_hos_PNT_disc_cp_qn_light_texture_01        00:00:26 mkelly FAIL
 gold or cmp file mis
  859 r400vgt_hos_PNT_disc_cp_qn_no_projection_01        00:00:17 mkelly FAIL
 compare mismatch **
  860 r400vgt_hos_PNT_disc_cp_qn_precision_01            00:00:18 mkelly FAIL
 compare mismatch **
  861 r400vgt_hos_PNT_disc_cp_qn_precision_02            00:00:33 mkelly FAIL
 compare mismatch **
  862 r400vgt_hos_PNT_edge_detection_01                  00:01:42 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_hos_PNT_edge_detection_01

  863 r400vgt_hos_PNT_lp_cont_no_projection_01           00:00:31 mkelly FAIL
 compare mismatch **
  864 r400vgt_hos_PNTQL_cp_qn_cont_stress_01             00:00:54 mkelly FAIL
 gold or cmp file mis
  865 r400vgt_hos_RECT_adaptive_complex                  00:01:14 mkelly FAIL
 compare mismatch **
  866 r400vgt_hos_RPatch_cp_02                           00:02:05 mkelly FAIL
 gold or cmp file mis
  867 r400vgt_hos_RPatch_lp_02                           00:01:52 mkelly FAIL
 gold or cmp file mis
  868 r400vgt_hos_RTL_stress_01                          00:01:20 mkelly FAIL
 gold or cmp file mis
  869 r400vgt_hos_simple_linear_PNT_discrete_01          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_hos_simple_linear_PNT_discrete_
01
  870 r400vgt_hos_TPatch_01                              00:00:45 mkelly FAIL
 compare mismatch **
  871 r400vgt_hos_TPatch_02                              00:01:05 mkelly FAIL
 gold or cmp file mis
  872 r400vgt_hos_TRI_adaptive_complex                   00:00:35 mkelly FAIL
 compare mismatch **
  873 r400vgt_immed_index_line_list_01                   00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_immed_index_line_list_01

  874 r400vgt_immed_index_line_loop_01                   00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_immed_index_line_loop_01

  875 r400vgt_immed_index_line_strip_01                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_immed_index_line_strip_01
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  876 r400vgt_immed_index_points_01                     00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_immed_index_points_01

  877 r400vgt_immed_index_polygon_01                    00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_immed_index_polygon_01

  878 r400vgt_immed_index_primtypes_01                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_immed_index_primtypes_01

  879 r400vgt_immed_index_quad_list_01                  00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_immed_index_quad_list_01

  880 r400vgt_immed_index_quad_strip_01                 00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_immed_index_quad_strip_01

  881 r400vgt_immed_index_rectangle_list_01             00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_immed_index_rectangle_list_01

  882 r400vgt_immed_index_tri_fan_01                    00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_immed_index_tri_fan_01

  883 r400vgt_immed_index_tri_list_01                   00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_immed_index_tri_list_01

  884 r400vgt_immed_index_tri_strip_01                  00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_immed_index_tri_strip_01

  885 r400vgt_immed_index_tri_wflags_01                 00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_immed_index_tri_wflags_01

  886 r400vgt_index_dealloc_line_list_01                00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_index_dealloc_line_list_01

  887 r400vgt_index_dealloc_points_01                   00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_index_dealloc_points_01

  888 r400vgt_index_dealloc_triangle_list_01            00:00:25 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_index_dealloc_triangle_list_01

  889 r400vgt_index_min_max_01                          00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_index_min_max_01

  890 r400vgt_index_min_max_02                          00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_index_min_max_02

  891 r400vgt_index_min_max_03                          00:00:14 mkelly FAIL
 compare mismatch **
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  892 r400vgt_index_min_max_04                          00:00:13 mkelly FAIL
 compare mismatch **
  893 r400vgt_index_offset_01                           00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_index_offset_01

  894 r400vgt_index_offset_02                           00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_index_offset_02

  895 r400vgt_index_offset_03                           00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_index_offset_03

  896 r400vgt_index_offset_04                           00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_index_offset_04

  897 r400vgt_index_offset_05                           00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_index_offset_05

  898 r400vgt_index_offset_06                           00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_index_offset_06

  899 r400vgt_index_offset_07                           00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_index_offset_07

  900 r400vgt_index_offset_08                           00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_index_offset_08

  901 r400vgt_index_size_01                             00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_index_size_01

  902 r400vgt_index_size_02                             00:00:11 mkelly FAIL
 compare mismatch **
  903 r400vgt_index_source_switch_01                    00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_index_source_switch_01

  904 r400vgt_line_list_01                              00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_line_list_01

  905 r400vgt_line_list_02                              00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_line_list_02

  906 r400vgt_line_loop_01                              00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_line_loop_01

  907 r400vgt_line_loop_02                              00:00:21 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_line_loop_02

  908 r400vgt_line_strip_01                             00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_line_strip_01
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  909 r400vgt_line_strip_02                           00:00:21 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_line_strip_02

  910 r400vgt_local_tonemapping                       00:02:00 mkelly FAIL
 gold or cmp file mis
  911 r400vgt_multi_context_01                        00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_multi_context_01

  912 r400vgt_multi_context_02                        00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_multi_context_02

  913 r400vgt_multi_context_03                        00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_multi_context_03

  914 r400vgt_multi_context_04                        00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_multi_context_04

  915 r400vgt_multi_context_05                        00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_multi_context_05

  916 r400vgt_multi_context_06                        00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_multi_context_06

  917 r400vgt_multi_context_07                        00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_multi_context_07

  918 r400vgt_multi_context_08                        00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_multi_context_08

  919 r400vgt_multi_context_09                        00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_multi_context_09

  920 r400vgt_multi_context_10                        00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_multi_context_10

  921 r400vgt_multi_context_11                        00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_multi_context_11

  922 r400vgt_multi_context_12                        00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_multi_context_12

  923 r400vgt_multi_pass_pix_shader_01                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_multi_pass_pix_shader_01

  924 r400vgt_multi_pass_pix_shader_02                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_multi_pass_pix_shader_02
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925 r400vgt_multi_pass_pix_shader_03 00:00:11 mkelly PASS mkelly \\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_multi_pass_pix_shader_03

926 r400vgt_multi_pass_pix_shader_04 00:00:10 mkelly PASS mkelly \\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_multi_pass_pix_shader_04

927 r400vgt_multi_pass_pix_shader_05 00:00:11 mkelly PASS mkelly \\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_multi_pass_pix_shader_05

928 r400vgt_multi_pass_pix_shader_06 00:00:12 mkelly PASS mkelly \\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_multi_pass_pix_shader_06

929 r400vgt_multi_pass_pix_shader_07 00:00:11 mkelly PASS mkelly \\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_multi_pass_pix_shader_07

930 r400vgt_multi_pass_pix_shader_08 00:00:12 mkelly PASS mkelly \\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_multi_pass_pix_shader_08

931 r400vgt_multi_prim_reset_index_all_01 00:00:12 mkelly PASS mkelly \\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_multi_prim_reset_index_all_01

932 r400vgt_multi_prim_reset_index_all_02 00:00:13 mkelly PASS mkelly \\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_multi_prim_reset_index_all_02

933 r400vgt_multi_prim_reset_index_all_03 00:00:14 mkelly PASS mkelly \\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_multi_prim_reset_index_all_03

934 r400vgt_multi_prim_reset_index_all_04 00:00:13 mkelly PASS mkelly \\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_multi_prim_reset_index_all_04

935 r400vgt_multi_prim_reset_index_all_05 00:00:13 mkelly PASS mkelly \\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_multi_prim_reset_index_all_05

936 r400vgt_multi_prim_reset_index_all_06 00:00:14 mkelly PASS mkelly \\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_multi_prim_reset_index_all_06

937 r400vgt_multi_prim_reset_index_all_07 00:00:13 mkelly PASS mkelly \\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_multi_prim_reset_index_all_07

938 r400vgt_pass_thru_all_prims_01 00:00:12 mkelly PASS mkelly \\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_pass_thru_all_prims_01

939 r400vgt_pass_thru_all_prims_02 00:00:11 mkelly PASS mkelly \\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_pass_thru_all_prims_02

940 r400vgt_perf_counters_events_01 00:00:18 mkelly PASS mkelly \\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_perf_counters_events_01

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  941 r400vgt_point_list_01                              00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_point_list_01

  942 r400vgt_point_list_02                              00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_point_list_02

  943 r400vgt_polygon_01                                 00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_polygon_01

  944 r400vgt_polygon_02                                 00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_polygon_02

  945 r400vgt_provoking_vtx_all_01                       00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_provoking_vtx_all_01

  946 r400vgt_provoking_vtx_edgeflags_all_01             00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_provoking_vtx_edgeflags_all_01

  947 r400vgt_provoking_vtx_polygon_01                   00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_provoking_vtx_polygon_01

  948 r400vgt_provoking_vtx_quad_list_01                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_provoking_vtx_quad_list_01

  949 r400vgt_provoking_vtx_quad_strip_01                00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_provoking_vtx_quad_strip_01

  950 r400vgt_provoking_vtx_tri_fan_01                   00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_provoking_vtx_tri_fan_01

  951 r400vgt_provoking_vtx_tri_strip_01                 00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_provoking_vtx_tri_strip_01

  952 r400vgt_quad_list_01                               00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_quad_list_01

  953 r400vgt_quad_list_02                               00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_quad_list_02

  954 r400vgt_quad_strip_01                              00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_quad_strip_01

  955 r400vgt_quad_strip_02                              00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_quad_strip_02

  956 r400vgt_rbbm_reg_read                              00:00:05 mkelly FAIL
 gold or cmp file mis
  957 r400vgt_real_time_events_01                        00:00:10 mkelly PASS    mkelly
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\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_real_time_events_01

958 r400vgt_real_time_events_02 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_real_time_events_02

959 r400vgt_real_time_events_03 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_real_time_events_03

960 r400vgt_real_time_events_04 00:01:02 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_real_time_events_04

961 r400vgt_real_time_events_05 00:01:03 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_real_time_events_05

962 r400vgt_real_time_events_06 00:01:05 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_real_time_events_06

963 r400vgt_real_time_events_07 00:00:19 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_real_time_events_07

964 r400vgt_rectangle_list_01 00:00:16 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_rectangle_list_01

965 r400vgt_rectangle_list_02 00:00:16 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_rectangle_list_02

966 r400vgt_reuse_depth_line_list_01 00:00:16 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_reuse_depth_line_list_01

967 r400vgt_reuse_depth_line_strip_01 00:00:16 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_reuse_depth_line_strip_01

968 r400vgt_reuse_depth_point_list_01 00:00:16 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_reuse_depth_point_list_01

969 r400vgt_reuse_depth_triangle_fan_01 00:00:17 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_reuse_depth_triangle_fan_01

970 r400vgt_reuse_depth_triangle_list_01 00:00:18 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_reuse_depth_triangle_list_01

971 r400vgt_reuse_depth_triangle_strip_01 00:00:17 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_reuse_depth_triangle_strip_01

972 r400vgt_reuse_index_line_list_01 00:00:27 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_reuse_index_line_list_01

973 r400vgt_reuse_index_point_list_01 00:00:20 mkelly PASS mkelly

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\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_reuse_index_point_list_01

  974 r400vgt_reuse_index_triangle_list_01               00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_reuse_index_triangle_list_01

  975 r400vgt_reuse_index_triangle_list_02               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_reuse_index_triangle_list_02

  976 r400vgt_reuse_index_triangle_list_03               00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_reuse_index_triangle_list_03

  977 r400vgt_simple_register_indirect                   00:00:28 mkelly FAIL
 gold or cmp file mis
  978 r400vgt_suppress_eop_01                            00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_suppress_eop_01

  979 r400vgt_suppress_eop_02                            00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_suppress_eop_02

  980 r400vgt_suppress_eop_03                            00:00:21 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_suppress_eop_03

  981 r400vgt_suppress_eop_04                            00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_suppress_eop_04

  982 r400vgt_suppress_eop_05                            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_suppress_eop_05

  983 r400vgt_triangle_fan_01                            00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_triangle_fan_01

  984 r400vgt_triangle_fan_02                            00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_triangle_fan_02

  985 r400vgt_triangle_list_01                           00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_triangle_list_01

  986 r400vgt_triangle_list_02                           00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_triangle_list_02

  987 r400vgt_triangle_strip_01                          00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_triangle_strip_01

  988 r400vgt_triangle_strip_02                          00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_triangle_strip_02

  989 r400vgt_triangle_wflags_01                         00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_triangle_wflags_01
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  990 r400vgt_triangle_wflags_02                          00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_triangle_wflags_02

  991 r400vgt_viz_query_01                                00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_viz_query_01

  992 r400vgt_vtx_export_very_very_simple_01              00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_vtx_export_very_very_simple_01

  993 r400vgt_vtx_export_very_very_simple_02              00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_vtx_export_very_very_simple_02

  994 r400vgt_vtx_export_very_very_simple_03              00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_vtx_export_very_very_simple_03

  995 r400vgt_vtx_export_very_very_simple_04              00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_vtx_export_very_very_simple_04

  996 r400vgt_vtx_vect_eject_01                           00:00:21 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_vtx_vect_eject_01

  997 r400vgt_vtx_vector_packing_01                       00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vgt_vtx_vector_packing_01

  998 r400su_4tri_text_offscreen_01                       00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_4tri_text_offscreen_01

  999 r400su_4trilist_edges_offscreen_01                  00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_4trilist_edges_offscreen_01

 1000 r400su_back_face_fan_01                             00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_back_face_fan_01

 1001 r400su_baryc_test_01                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_baryc_test_01

 1002 r400su_baryc_test_02                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_baryc_test_02

 1003 r400su_baryc_test_03                                00:00:44 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_baryc_test_03

 1004 r400su_baryc_test_04                                00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_baryc_test_04

 1005 r400su_baryc_test_05                                00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_baryc_test_05
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 1006 r400su_baryc_test_06                              00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_baryc_test_06

 1007 r400su_baryc_test_07                              00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_baryc_test_07

 1008 r400su_baryc_test_08                              00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_baryc_test_08

 1009 r400su_clip_baryc_test_01                         00:00:10 mkelly FAIL
 compare mismatch **
 1010 r400su_clip_baryc_test_02                         00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_clip_baryc_test_02

 1011 r400su_clip_baryc_test_03                         00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_clip_baryc_test_03

 1012 r400su_clip_baryc_test_04                         00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_clip_baryc_test_04

 1013 r400su_clip_baryc_test_05                         00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_clip_baryc_test_05

 1014 r400su_clip_baryc_test_06                         00:00:13 mkelly FAIL
 compare mismatch **
 1015 r400su_clip_baryc_test_07                         00:00:13 mkelly FAIL
 compare mismatch **
 1016 r400su_clip_baryc_test_08                         00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_clip_baryc_test_08

 1017 r400su_clip_edgeflag_polymode_01                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_clip_edgeflag_polymode_01

 1018 r400su_clip_line_end_cap_functional_01            00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_clip_line_end_cap_functional_01

 1019 r400su_clip_pointsize_test_01                     00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_clip_pointsize_test_01

 1020 r400su_clip_pointtest_01                          00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_clip_pointtest_01

 1021 r400su_clip_pointtest_02                          00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_clip_pointtest_02

 1022 r400su_clip_pointtest_03                          00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_clip_pointtest_03
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 1023 r400su_clip_pointtest_04                          00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_clip_pointtest_04

 1024 r400su_clip_polymode_random_01                    00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_clip_polymode_random_01

 1025 r400su_clip_polymode_random_02                    00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_clip_polymode_random_02

 1026 r400su_clip_polymode_test_01                      00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_clip_polymode_test_01

 1027 r400su_clip_polymode_test_02                      00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_clip_polymode_test_02

 1028 r400su_clip_polymode_test_03                      00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_clip_polymode_test_03

 1029 r400su_clip_provoking_vtx_edgeflags_triangle_01   00:00:19 mkelly FAIL
 compare mismatch **
 1030 r400su_clip_provoking_vtx_edgeflags_triangle_02   00:00:19 mkelly FAIL
 compare mismatch **
 1031 r400su_clipline_01                                00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_clipline_01

 1032 r400su_clippoint_01                               00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_clippoint_01

 1033 r400su_clipvertexsorting_01                       00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_clipvertexsorting_01

 1034 r400su_clipvertexsorting_02                       00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_clipvertexsorting_02

 1035 r400su_clipvertexsorting_03                       00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_clipvertexsorting_03

 1036 r400su_clipvertexsorting_polymode_01              00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_clipvertexsorting_polymode_01

 1037 r400su_clipvertexsorting_polymode_02              00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_clipvertexsorting_polymode_02

 1038 r400su_clipvertexsortingfunctional_01             00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_clipvertexsortingfunctional_01

 1039 r400su_cullingfunctional_01                       00:00:11 mkelly PASS    mkelly
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\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_cullingfunctional_01

 1040 r400su_degentri_test_01                          00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_degentri_test_01

 1041 r400su_degentri_test_02                          00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_degentri_test_02

 1042 r400su_degentri_test_03                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_degentri_test_03

 1043 r400su_degentri_test_04                          00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_degentri_test_04

 1044 r400su_edge_flag_01                              00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_edge_flag_01

 1045 r400su_edge_flag_02                              00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_edge_flag_02

 1046 r400su_edgeflags_triangle_01                     00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_edgeflags_triangle_01

 1047 r400su_edgeflags_triangle_02                     00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_edgeflags_triangle_02

 1048 r400su_geom_sort_01                              00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_geom_sort_01

 1049 r400su_line_clip_end_cap_01                      00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_line_clip_end_cap_01

 1050 r400su_line_clip_end_cap_width_functional_02     00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_line_clip_end_cap_width_function
al_02
 1051 r400su_line_clip_orientation_01                  00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_line_clip_orientation_01

 1052 r400su_line_clip_orientation_02                  00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_line_clip_orientation_02

 1053 r400su_line_clip_x_major_01                      00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_line_clip_x_major_01

 1054 r400su_line_end_cap_functional_01                00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_line_end_cap_functional_01

 1055 r400su_line_end_cap_width_functional_02          00:00:11 mkelly PASS    mkelly
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\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_line_end_cap_width_functional_02

 1056 r400su_line_orientation_01                          00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_line_orientation_01

 1057 r400su_line_orientation_02                          00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_line_orientation_02

 1058 r400su_line_orientation_dx01_01                     00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_line_orientation_dx01_01

 1059 r400su_line_orientation_dx01_02                     00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_line_orientation_dx01_02

 1060 r400su_line_orientation_dy01_01                     00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_line_orientation_dy01_01

 1061 r400su_line_orientation_dy01_02                     00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_line_orientation_dy01_02

 1062 r400su_line_test_01                                 00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_line_test_01

 1063 r400su_line_test_02                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_line_test_02

 1064 r400su_line_x_major_01                              00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_line_x_major_01

 1065 r400su_line_x_major_02                              00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_line_x_major_02

 1066 r400su_line_y_major_01                              00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_line_y_major_01

 1067 r400su_line_y_major_02                              00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_line_y_major_02

 1068 r400su_longstrip_01                                 00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_longstrip_01

 1069 r400su_multi_context_01                             00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_multi_context_01

 1070 r400su_multi_prim_01                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_multi_prim_01

 1071 r400su_multi_prim_02                                00:00:19 mkelly PASS    mkelly

\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_multi_prim_02

1072 r400su_parallel_orientation_all_01 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_parallel_orientation_all_01

1073 r400su_parallel_orientation_all_02 00:00:13 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_parallel_orientation_all_02

1074 r400su_pc_management_01 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_pc_management_01

1075 r400su_pc_management_02 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_pc_management_02

1076 r400su_pc_management_03 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_pc_management_03

1077 r400su_point_sprite_01 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_point_sprite_01

1078 r400su_point_sprite_02 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_point_sprite_02

1079 r400su_point_sprite_03 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_point_sprite_03

1080 r400su_point_sprite_04 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_point_sprite_04

1081 r400su_point_sprite_05 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_point_sprite_05

1082 r400su_point_sprite_06 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_point_sprite_06

1083 r400su_point_sprite_07 00:00:17 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_point_sprite_07

1084 r400su_point_sprite_08 00:00:17 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_point_sprite_08

1085 r400su_point_sprite_09 00:00:22 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_point_sprite_09

1086 r400su_point_w16_h1_functional_01 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_point_w16_h1_functional_01

1087 r400su_point_w1_h16_functional_01 00:00:12 mkelly PASS mkelly

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\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_point_w1_h16_functional_01

 1088 r400su_pointsizepresent_01                        00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_pointsizepresent_01

 1089 r400su_pointsizepresent_02                        00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_pointsizepresent_02

 1090 r400su_pointsizepresent_03                        00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_pointsizepresent_03

 1091 r400su_polymode_culling_face_01                   00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_polymode_culling_face_01

 1092 r400su_polymode_culling_face_02                   00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_polymode_culling_face_02

 1093 r400su_polymode_lines_degen_triangle_01           00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_polymode_lines_degen_triangle_01

 1094 r400su_polymode_lines_degen_triangle_02           00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_polymode_lines_degen_triangle_02

 1095 r400su_polymode_lines_degen_triangle_03           00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_polymode_lines_degen_triangle_03

 1096 r400su_polymode_lines_zero_area_triangle_01       00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_polymode_lines_zero_area_triangl
e_01
 1097 r400su_polymode_lines_zero_area_triangle_02       00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_polymode_lines_zero_area_triangl
e_02
 1098 r400su_polymode_multi_prim_01                     00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_polymode_multi_prim_01

 1099 r400su_polymode_points_degen_triangle_01          00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_polymode_points_degen_triangle_0
1
 1100 r400su_polymode_points_degen_triangle_02          00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_polymode_points_degen_triangle_0
2
 1101 r400su_polymode_points_zero_area_triangle_01      00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_polymode_points_zero_area_triang
le_01
 1102 r400su_polymode_points_zero_area_triangle_02      00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_polymode_points_zero_area_triang
le_02
 1103 r400su_polymode_rectangle_01                      00:00:10 mkelly PASS    mkelly
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\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_polymode_rectangle_01

 1104 r400su_polymode_zero_area_triangle_01              00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_polymode_zero_area_triangle_01

 1105 r400su_polymode_zero_area_triangle_02              00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_polymode_zero_area_triangle_02

 1106 r400su_polymode_zero_area_triangle_03              00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_polymode_zero_area_triangle_03

 1107 r400su_polymode_zero_area_triangle_04              00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_polymode_zero_area_triangle_04

 1108 r400su_polymodeculling_01                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_polymodeculling_01

 1109 r400su_polymodefunctional_01                       00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_polymodefunctional_01

 1110 r400su_provok_vtx_polymode_mix_point_lines_01      00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_provok_vtx_polymode_mix_point_li
nes_01
 1111 r400su_provoking_vtx_edgeflags_triangle_01         00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_provoking_vtx_edgeflags_triangle
_01
 1112 r400su_provoking_vtx_edgeflags_triangle_02         00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_provoking_vtx_edgeflags_triangle
_02
 1113 r400su_provoking_vtx_edgeflags_triangle_03         00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_provoking_vtx_edgeflags_triangle
_03
 1114 r400su_provoking_vtx_edgeflags_triangle_04         00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_provoking_vtx_edgeflags_triangle
_04
 1115 r400su_provoking_vtx_line_01                       00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_provoking_vtx_line_01

 1116 r400su_provoking_vtx_point_01                      00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_provoking_vtx_point_01

 1117 r400su_provoking_vtx_polymode_rectangle_01         00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_provoking_vtx_polymode_rectangle
_01
 1118 r400su_provoking_vtx_rectangle_01                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_provoking_vtx_rectangle_01

 1119 r400su_provoking_vtx_triangle_01                   00:00:12 mkelly PASS    mkelly
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\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_provoking_vtx_triangle_01

 1120 r400su_rand_line_01                                00:00:21 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_rand_line_01

 1121 r400su_rand_point_01                               00:00:20 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_rand_point_01

 1122 r400su_rand_tri_01                                 00:00:22 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_rand_tri_01

 1123 r400su_rbbm_reg_read                               00:00:05 mkelly FAIL
 gold or cmp file mis
 1124 r400su_rectangle_01                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_rectangle_01

 1125 r400su_rectangle_list_01                           00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_rectangle_list_01

 1126 r400su_simple_register_indirect                    00:00:10 mkelly FAIL
 gold or cmp file mis
 1127 r400su_sliver_01                                   00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_sliver_01

 1128 r400su_stress_01                                   00:02:46 mkelly FAIL
 compare mismatch **
 1129 r400su_stress_02                                   00:01:50 mkelly FAIL
 compare mismatch **
 1130 r400su_stress_03                                   00:01:53 mkelly FAIL
 compare mismatch **
 1131 r400su_triarea_test_01                             00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_triarea_test_01

 1132 r400su_triarea_test_02                             00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_triarea_test_02

 1133 r400su_triarea_test_03                             00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_triarea_test_03

 1134 r400su_triarea_test_04                             00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_triarea_test_04

 1135 r400su_vertexsortingfunctional_01                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_vertexsortingfunctional_01

 1136 r400su_w_grad_test_01                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_w_grad_test_01
```

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 1137 r400su_w_grad_test_02                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_w_grad_test_02

 1138 r400su_w_grad_test_03                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_w_grad_test_03

 1139 r400su_z_grad_test_01                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_z_grad_test_01

 1140 r400su_z_grad_test_02                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_z_grad_test_02

 1141 r400su_z_grad_test_03                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_z_grad_test_03

 1142 r400su_zero_area_test_01                           00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_zero_area_test_01

 1143 r400su_zero_area_test_02                           00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_zero_area_test_02

 1144 r400su_zero_area_test_03                           00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_zero_area_test_03

 1145 r400su_zero_area_test_04                           00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400su_zero_area_test_04

 1146 r400vte_coverage_02                                00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vte_coverage_02

 1147 r400vte_mult_msbs_01                               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vte_mult_msbs_01

 1148 r400vte_inf_nan_02                                 00:00:22 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vte_inf_nan_02

 1149 r400vte_many_reciprocals_01                        00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vte_many_reciprocals_01

 1150 r400vte_z_veu_msb_01                               00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vte_z_veu_msb_01

 1151 r400vte_y_veu_msb_01                               00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vte_y_veu_msb_01

 1152 r400vte_x_veu_msb_01                               00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vte_x_veu_msb_01
```

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 1153 r400vte_inf_nan_01                                  00:00:33 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vte_inf_nan_01

 1154 r400vte_clip_perspective_texture_04                 00:00:18 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vte_clip_perspective_texture_04

 1155 r400vte_clip_perspective_texture_03                 00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vte_clip_perspective_texture_03

 1156 r400vte_clip_perspective_texture_02                 00:00:19 mkelly FAIL
 compare mismatch **
 1157 r400vte_clip_perspective_texture_01                 00:00:30 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vte_clip_perspective_texture_01

 1158 r400vte_combos_01                                   00:00:58 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vte_combos_01

 1159 r400vte_combos_02                                   00:00:24 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vte_combos_02

 1160 r400vte_combos_03                                   00:00:22 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vte_combos_03

 1161 r400vte_coverage_01                                 00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vte_coverage_01

 1162 r400vte_perf_01                                     00:00:14 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vte_perf_01

 1163 r400vte_perf_02                                     00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vte_perf_02

 1164 r400vte_perf_03                                     00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vte_perf_03

 1165 r400vte_pos_neg_combo_01                            00:00:34 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vte_pos_neg_combo_01

 1166 r400vte_pos_neg_combo_02                            00:00:34 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vte_pos_neg_combo_02

 1167 r400vte_pos_neg_combo_03                            00:00:36 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vte_pos_neg_combo_03

 1168 r400vte_simple_point_01                             00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vte_simple_point_01

 1169 r400vte_simple_triangle_01                          00:00:11 mkelly PASS    mkelly
```

\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vte_simple_triangle_01

1170 r400vte_w0_fmt_01 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vte_w0_fmt_01

1171 r400vte_w0_fmt_02 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vte_w0_fmt_02

1172 r400vte_w0_fmt_03 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vte_w0_fmt_03

1173 r400vte_w0_fmt_04 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vte_w0_fmt_04

1174 r400vte_w0_fmt_05 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vte_w0_fmt_05

1175 r400vte_w0_fmt_06 00:00:15 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vte_w0_fmt_06

1176 r400vte_xy_fmt_01 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vte_xy_fmt_01

1177 r400vte_xy_fmt_02 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vte_xy_fmt_02

1178 r400vte_xy_fmt_03 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vte_xy_fmt_03

1179 r400vte_xyz_scale_01 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vte_xyz_scale_01

1180 r400vte_xyz_scale_02 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vte_xyz_scale_02

1181 r400vte_z_fmt_01 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vte_z_fmt_01

1182 r400vte_z_fmt_02 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vte_z_fmt_02

1183 r400vte_z_fmt_03 00:00:14 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vte_z_fmt_03

1184 r400vte_z_fmt_04 00:00:14 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400vte_z_fmt_04

1185 r400sanity_vfd_texture_sample_01 00:00:13 mkelly PASS mkelly

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\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400sanity_vfd_texture_sample_01

 1186 primlib_1st_tri_june15                              00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/primlib_1st_tri_june15

 1187 primlib_gouraud_tri_1_xyz_vb_1_rgb_vb               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/primlib_gouraud_tri_1_xyz_vb_1_rgb_vb

 1188 primlib_gouraud_triangles_2_draw_passes             00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/primlib_gouraud_triangles_2_draw_passes

 1189 primlib_parameterized_simple_triangle               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/primlib_parameterized_simple_triangle

 1190 primlib_template_simple_triangle                    00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/primlib_template_simple_triangle

 1191 primlib_tex_tri                                     00:00:12 mkelly FAIL
 primlib_tex_tri_001.
 1192 primlib_zbuffer_2tris_03                            00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/primlib_zbuffer_2tris_03

 1193 cp_dma_2desc                                        00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_dma_2desc

 1194 cp_dma_interrupt                                    00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_dma_interrupt

 1195 cp_dma_m2m_01                                       00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_dma_m2m_01

 1196 cp_dma_m2m_02                                       00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_dma_m2m_02

 1197 cp_dma_m2m_03                                       00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_dma_m2m_03

 1198 cp_dma_m2m_04                                       00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_dma_m2m_04

 1199 cp_dma_m2r_01                                       00:00:09 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_dma_m2r_01

 1200 cp_dma_m2r_02                                       00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_dma_m2r_02

 1201 cp_dma_m2r_03                                       00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_dma_m2r_03
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 1202 cp_dma_m2r_04                                    00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_dma_m2r_04

 1203 cp_dma_m2r_r2m                                   00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_dma_m2r_r2m

 1204 cp_dma_pio_simple                                00:00:09 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_dma_pio_simple

 1205 cp_dma_pio_stress                                00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_dma_pio_stress

 1206 cp_dma_piobm_stress                              00:00:10 mkelly FAIL
 compare mismatch No
 1207 cp_dma_r2m_01                                    00:00:09 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_dma_r2m_01

 1208 cp_dma_r2m_02                                    00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_dma_r2m_02

 1209 cp_dma_r2m_03                                    00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_dma_r2m_03

 1210 cp_dma_r2m_04                                    00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_dma_r2m_04

 1211 cp_dma_r2r_01                                    00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_dma_r2r_01

 1212 cp_dma_r2r_02                                    00:00:09 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_dma_r2r_02

 1213 cp_dma_r2r_03                                    00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_dma_r2r_03

 1214 cp_dma_r2r_r2m                                   00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_dma_r2r_r2m

 1215 cp_dma_r2r_r2m_m2m                               00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_dma_r2r_r2m_m2m

 1216 cp_dma_r2r_r2m_m2m_r2m                           00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_dma_r2r_r2m_m2m_r2m

 1217 cp_dma_simple                                    00:00:09 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_dma_simple
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 1218 cp_e2_hostdata_blt_pntr_8888                        00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_e2_hostdata_blt_pntr_8888

 1219 cp_e2_one_blit                                      00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_e2_one_blit

 1220 cp_e2_one_hline                                     00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_e2_one_hline

 1221 cp_e2_one_line                                      00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_e2_one_line

 1222 cp_e2_one_vline                                     00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_e2_one_vline

 1223 cp_e2_polyscanlines                                 00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_e2_polyscanlines

 1224 cp_e2blit_brush_m                                   00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_e2blit_brush_m

 1225 cp_e2blit_brush_mt_ropcc                            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_e2blit_brush_mt_ropcc

 1226 cp_e2blit_brush_mt_ropf0                            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_e2blit_brush_mt_ropf0

 1227 cp_e2blit_src_8888i                                 00:00:27 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_e2blit_src_8888i

 1228 cp_e2blit_src_8888ii                                00:00:21 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_e2blit_src_8888ii

 1229 cp_e2blit_src_8888iii                               00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_e2blit_src_8888iii

 1230 cp_e2blit_src_8888iv                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_e2blit_src_8888iv

 1231 cp_e2blit_src_8888v                                 00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_e2blit_src_8888v

 1232 cp_e2blit_srf_cohr                                  00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_e2blit_srf_cohr

 1233 cp_e2brush_8x8clr_565                               00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_e2brush_8x8clr_565
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 1234 cp_e2brush_8x8clr_ci8                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_e2brush_8x8clr_ci8

 1235 cp_e2brush_8x8mmask_1555                           00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_e2brush_8x8mmask_1555

 1236 cp_e2brush_8x8mono_ci8                             00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_e2brush_8x8mono_ci8

 1237 cp_e2brush_solid                                   00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_e2brush_solid

 1238 cp_e2cache1                                        00:00:13 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_e2cache1

 1239 cp_e2cache2                                        00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_e2cache2

 1240 cp_e2gradfill_565                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_e2gradfill_565

 1241 cp_e2gradfill_1555                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_e2gradfill_1555

 1242 cp_e2gradfill_8888                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_e2gradfill_8888

 1243 cp_e2gradfill_horizontal                           00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_e2gradfill_horizontal

 1244 cp_e2gradfill_triangle                             00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_e2gradfill_triangle

 1245 cp_e2gradfill_vertical                             00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_e2gradfill_vertical

 1246 cp_e2hostdata_blt2_565                             00:00:23 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_e2hostdata_blt2_565

 1247 cp_e2hostdata_blt2_1555                            00:00:22 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_e2hostdata_blt2_1555

 1248 cp_e2hostdata_blt2_8888                            00:00:34 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_e2hostdata_blt2_8888

 1249 cp_e2hostdata_blt2_ci8                             00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_e2hostdata_blt2_ci8
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 1250 cp_e2hostdata_blt_565                              00:00:26 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_e2hostdata_blt_565

 1251 cp_e2hostdata_blt_1555                             00:00:26 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_e2hostdata_blt_1555

 1252 cp_e2hostdata_blt_8888                             00:00:41 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_e2hostdata_blt_8888

 1253 cp_e2hostdata_blt_ci8                              00:00:19 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_e2hostdata_blt_ci8

 1254 cp_e2hostdata_blt_drv1                             00:00:25 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_e2hostdata_blt_drv1

 1255 cp_e2hostdata_blt_pntr_565                         00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_e2hostdata_blt_pntr_565

 1256 cp_e2hostdata_blt_pntr_1555                        00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_e2hostdata_blt_pntr_1555

 1257 cp_e2hostdata_blt_pntr_ci8                         00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_e2hostdata_blt_pntr_ci8

 1258 cp_e2hostdata_byte_srcload                         00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_e2hostdata_byte_srcload

 1259 cp_e2line_max                                      00:04:14 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_e2line_max

 1260 cp_e2line_patcount_poly                            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_e2line_patcount_poly

 1261 cp_e2lines                                         00:00:16 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_e2lines

 1262 cp_e2load_palette                                  00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_e2load_palette

 1263 cp_e2nextchar_565                                  00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_e2nextchar_565

 1264 cp_e2nextchar_1555                                 00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_e2nextchar_1555

 1265 cp_e2nextchar_8888                                 00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_e2nextchar_8888
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 1266 cp_e2nextchar_ci8                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_e2nextchar_ci8

 1267 cp_e2paint_565                                     00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_e2paint_565

 1268 cp_e2paint_8888                                    00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_e2paint_8888

 1269 cp_e2paint_multi                                   00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_e2paint_multi

 1270 cp_e2perf_2d_04_vector                             00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_e2perf_2d_04_vector

 1271 cp_e2perf_ptrnfil                                  00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_e2perf_ptrnfil

 1272 cp_e2ply_nextscan                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_e2ply_nextscan

 1273 cp_e2polyscanlines_brush                           00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_e2polyscanlines_brush

 1274 cp_e2polyscanlines_brush_mt                        00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_e2polyscanlines_brush_mt

 1275 cp_e2rop                                           00:00:12 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_e2rop

 1276 cp_e2set_scissors                                  00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_e2set_scissors

 1277 cp_e2smalltext                                     00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_e2smalltext

 1278 cp_e2smalltext_jc1                                 00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_e2smalltext_jc1

 1279 cp_e2smalltext_jc2                                 00:04:02 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_e2smalltext_jc2

 1280 cp_e2smalltext_max                                 00:02:00 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_e2smalltext_max

 1281 cp_e2smalltext_neg                                 00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_e2smalltext_neg
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 1282 cp_e2trans_bitblt                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_e2trans_bitblt

 1283 cp_rb_dst_blit_01                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_rb_dst_blit_01

 1284 cp_rb_dst_blit_agp_01                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_rb_dst_blit_agp_01

 1285 cp_rb_dst_blit_brush_01                            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_rb_dst_blit_brush_01

 1286 cp_rb_dst_blit_brush_02                            00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_rb_dst_blit_brush_02

 1287 cp_rb_dst_blit_brush_03                            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_rb_dst_blit_brush_03

 1288 cp_rb_dst_blit_brush_04                            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_rb_dst_blit_brush_04

 1289 cp_rb_dst_blit_brush_05                            00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_rb_dst_blit_brush_05

 1290 cp_rb_dst_blit_brush_565_01                        00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_rb_dst_blit_brush_565_01

 1291 cp_rb_dst_blit_brush_agp_01                        00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_rb_dst_blit_brush_agp_01

 1292 cp_rb_dst_blit_brush_agp_05                        00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_rb_dst_blit_brush_agp_05

 1293 cp_rb_dst_blit_brush_ci8_01                        00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_rb_dst_blit_brush_ci8_01

 1294 cp_rb_dst_blit_rop_01                              00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_rb_dst_blit_rop_01

 1295 cp_rb_dst_blit_rop_02                              00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_rb_dst_blit_rop_02

 1296 cp_rb_dst_blit_rop_03                              00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_rb_dst_blit_rop_03

 1297 cp_rb_dst_blit_rop_04                              00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_rb_dst_blit_rop_04
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 1298 cp_rb_dst_blit_rop_05                              00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_rb_dst_blit_rop_05

 1299 cp_rb_dst_blit_rop_06                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_rb_dst_blit_rop_06

 1300 cp_rb_dst_blit_rop_07                              00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_rb_dst_blit_rop_07

 1301 cp_rb_dst_blit_rop_agp_01                          00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_rb_dst_blit_rop_agp_01

 1302 cp_rb_dst_blit_rop_agp_04                          00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_rb_dst_blit_rop_agp_04

 1303 cp_rb_dst_blit_rop_agp_07                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_rb_dst_blit_rop_agp_07

 1304 cp_rb_dst_clr_cmp_01                               00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_rb_dst_clr_cmp_01

 1305 cp_rb_dst_clr_cmp_02                               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_rb_dst_clr_cmp_02

 1306 cp_rb_dst_clr_cmp_03                               00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_rb_dst_clr_cmp_03

 1307 cp_rb_dst_clr_cmp_agp_01                           00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_rb_dst_clr_cmp_agp_01

 1308 cp_rb_dst_clr_cmp_msk_01                           00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_rb_dst_clr_cmp_msk_01

 1309 cp_rb_dst_clr_cmp_rops_01                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_rb_dst_clr_cmp_rops_01

 1310 cp_rb_dst_clr_cmp_rops_02                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_rb_dst_clr_cmp_rops_02

 1311 cp_rb_dst_clr_cmp_rops_03                          00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_rb_dst_clr_cmp_rops_03

 1312 cp_rb_dst_line_01                                  00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_rb_dst_line_01

 1313 cp_rb_dst_line_brush_01                            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_rb_dst_line_brush_01
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 1314 cp_rb_dst_line_brush_02                          00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_rb_dst_line_brush_02

 1315 cp_rb_dst_line_brush_03                          00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_rb_dst_line_brush_03

 1316 cp_rb_dst_line_brush_agp_01                      00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_rb_dst_line_brush_agp_01

 1317 cp_rb_dstcache_aflush_2d_01                      00:02:27 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_rb_dstcache_aflush_2d_01

 1318 cp_rb_dstcache_aflush_2d_agp_01                  00:02:24 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_rb_dstcache_aflush_2d_agp_01

 1319 cp_rb_dstcache_fillflush_2d_01                   00:00:55 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_rb_dstcache_fillflush_2d_01

 1320 cp_rb_dstcache_rmw_2d_01                         00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_rb_dstcache_rmw_2d_01

 1321 cp_rb_dstcache_rmw_2d_agp_01                     00:00:17 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_rb_dstcache_rmw_2d_agp_01

 1322 cp_im_load_indirect                              00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_im_load_indirect

 1323 cp_queue_avail_01                                00:00:11 mkelly FAIL
 compare mismatch No
 1324 cp_queue_avail_02                                00:00:11 mkelly FAIL
 compare mismatch No
 1325 cp_queue_avail_03                                00:00:10 mkelly FAIL
 compare mismatch No
 1326 cp_queue_avail_04                                00:00:10 mkelly FAIL
 compare mismatch No
 1327 cp_queue_avail_05                                00:00:10 mkelly FAIL
 compare mismatch No
 1328 cp_queue_avail_06                                00:00:10 mkelly FAIL
 compare mismatch No
 1329 cp_queue_avail_07                                00:00:10 mkelly FAIL
 compare mismatch No
 1330 cp_push_aper_indirect1                           00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_push_aper_indirect1

 1331 cp_push_aper_primary                             00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_push_aper_primary

 1332 cp_simple_triangle                               00:00:11 mkelly PASS    mkelly
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\\fl_mkelly2\d\r400\regress/mkelly_030207160903/cp_simple_triangle

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 1333 e2_bbll                                          00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2_bbll

 1334 e2_bbll_565                                      00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2_bbll_565

 1335 e2_bbll_1555                                     00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2_bbll_1555

 1336 e2_bbll_ci8                                      00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2_bbll_ci8

 1337 e2_blbl                                          00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2_blbl

 1338 e2_blbl_565                                      00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2_blbl_565

 1339 e2_blbl_1555                                     00:00:12 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2_blbl_1555

 1340 e2_blbl_ci8                                      00:00:12 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2_blbl_ci8

 1341 e2_blit_busy                                     00:00:12 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2_blit_busy

 1342 e2_blit_lines                                    00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2_blit_lines

 1343 e2_blit_sync_565                                 00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2_blit_sync_565

 1344 e2_dstaddr                                       00:00:13 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2_dstaddr

 1345 e2_lblb                                          00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2_lblb

 1346 e2_lblb_wh                                       00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2_lblb_wh

 1347 e2_line_busy                                     00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2_line_busy

 1348 e2_llbb                                          00:00:11 mkelly PASS    mkelly
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\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2_llbb

1349 e2_many_lines 00:00:17 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2_many_lines

1350 e2_many_lines_2x4 00:00:17 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2_many_lines_2x4

1351 e2_many_lines_2x4_mask 00:00:17 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2_many_lines_2x4_mask

1352 e2_many_lines_4x4 00:00:17 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2_many_lines_4x4

1353 e2_many_lines_4x4_mask 00:00:17 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2_many_lines_4x4_mask

1354 e2_many_lines_4x8 00:00:17 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2_many_lines_4x8

1355 e2_many_lines_4x8_mask 00:00:17 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2_many_lines_4x8_mask

1356 e2_many_lines_mask 00:00:17 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2_many_lines_mask

1357 e2_many_lines_pat 00:00:17 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2_many_lines_pat

1358 e2_many_lines_w9x 00:00:17 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2_many_lines_w9x

1359 e2_offset_pitch 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2_offset_pitch

1360 e2_offset_pitch_16byte 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2_offset_pitch_16byte

1361 e2_one_blit 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2_one_blit

1362 e2_one_line 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2_one_line

1363 e2_partial_add 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2_partial_add

1364 e2_pm4_blit_64x64 00:00:11 mkelly PASS mkelly

\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2_pm4_blit_64x64

1365 e2_pm4_blit_128x128 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2_pm4_blit_128x128

1366 e2_pm4_blit_256x256 00:00:19 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2_pm4_blit_256x256

1367 e2_simple2d 00:00:13 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2_simple2d

1368 e2_write_256b 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2_write_256b

1369 e2blit_3noshft_565 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_3noshft_565

1370 e2blit_3noshft_1555 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_3noshft_1555

1371 e2blit_3noshft_8888 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_3noshft_8888

1372 e2blit_3noshft_ci8 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_3noshft_ci8

1373 e2blit_3shftL_565 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_3shftL_565

1374 e2blit_3shftL_1555 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_3shftL_1555

1375 e2blit_3shftL_8888 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_3shftL_8888

1376 e2blit_3shftL_ci8 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_3shftL_ci8

1377 e2blit_3shftR_565 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_3shftR_565

1378 e2blit_3shftR_1555 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_3shftR_1555

1379 e2blit_3shftR_8888 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_3shftR_8888

1380 e2blit_3shftR_ci8 00:00:11 mkelly PASS mkelly

\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_3shftR_ci8

1381 e2blit_640x5_8888 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_640x5_8888

1382 e2blit_agp2agp 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_agp2agp

1383 e2blit_agp2fb 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_agp2fb

1384 e2blit_agp2fb_big 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_agp2fb_big

1385 e2blit_agp2fb_big2 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_agp2fb_big2

1386 e2blit_beyondframe 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_beyondframe

1387 e2blit_clut32_8888 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_clut32_8888

1388 e2blit_clut32_8888_lines 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_clut32_8888_lines

1389 e2blit_clut_565 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_clut_565

1390 e2blit_clut_565_2 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_clut_565_2

1391 e2blit_clut_565all 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_clut_565all

1392 e2blit_clut_565indx 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_clut_565indx

1393 e2blit_clut_8888 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_clut_8888

1394 e2blit_fb2agp_big 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_fb2agp_big

1395 e2blit_fb2agp_big_2 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_fb2agp_big_2

1396 e2blit_host2agp 00:00:43 mkelly PASS mkelly

1397 e2blit_host128_565_00 00:00:15 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_host128_565_00

1398 e2blit_host128_565_00_wide 00:00:15 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_host128_565_00_wide

1399 e2blit_host128_565_01 00:00:15 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_host128_565_01

1400 e2blit_host128_565_01_wide 00:00:14 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_host128_565_01_wide

1401 e2blit_host128_565_02 00:00:16 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_host128_565_02

1402 e2blit_host128_565_02_wide 00:00:15 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_host128_565_02_wide

1403 e2blit_host128_565_03 00:00:15 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_host128_565_03

1404 e2blit_host128_565_03_wide 00:00:15 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_host128_565_03_wide

1405 e2blit_host128_565_mono 00:00:15 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_host128_565_mono

1406 e2blit_host128_8888_00 00:00:13 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_host128_8888_00

1407 e2blit_host128_8888_01 00:00:13 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_host128_8888_01

1408 e2blit_host128_8888_02 00:00:13 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_host128_8888_02

1409 e2blit_host128_8888_03 00:00:13 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_host128_8888_03

1410 e2blit_host128_8888_mono 00:00:15 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_host128_8888_mono

1411 e2blit_host128_ci8_00 00:00:38 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_host128_ci8_00

1412 e2blit_host128_ci8_01 00:00:38 mkelly PASS mkelly

\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_host128_ci8_01

 1413 e2blit_host128_ci8_02                              00:00:39 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_host128_ci8_02

 1414 e2blit_host128_ci8_03                              00:00:38 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_host128_ci8_03

 1415 e2blit_host128_ci8_mono                            00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_host128_ci8_mono

 1416 e2blit_host_1to8_00                                00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_host_1to8_00

 1417 e2blit_host_1to8_01                                00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_host_1to8_01

 1418 e2blit_host_1to8_02                                00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_host_1to8_02

 1419 e2blit_host_1to8_04                                00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_host_1to8_04

 1420 e2blit_host_1to8_04_lines                          00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_host_1to8_04_lines

 1421 e2blit_host_1to8_05                                00:00:14 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_host_1to8_05

 1422 e2blit_host_1to8_06                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_host_1to8_06

 1423 e2blit_host_1to8_07                                00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_host_1to8_07

 1424 e2blit_host_1to8_08                                00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_host_1to8_08

 1425 e2blit_host_1to8_09                                00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_host_1to8_09

 1426 e2blit_host_1to8_10                                00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_host_1to8_10

 1427 e2blit_host_1to8_11                                00:00:16 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_host_1to8_11

 1428 e2blit_host_1to8mask_01                            00:00:13 mkelly PASS    mkelly

\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_host_1to8mask_01

1429 e2blit_host_1to8mask_03 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_host_1to8mask_03

1430 e2blit_host_1to8mask_09 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_host_1to8mask_09

1431 e2blit_host_1to8mask_10 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_host_1to8mask_10

1432 e2blit_host_1to8mask_10_lines 00:00:13 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_host_1to8mask_10_lines

1433 e2blit_host_1to16_00 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_host_1to16_00

1434 e2blit_host_1to16_01 00:00:13 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_host_1to16_01

1435 e2blit_host_1to16_02 00:00:16 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_host_1to16_02

1436 e2blit_host_1to16_03 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_host_1to16_03

1437 e2blit_host_1to16_04 00:00:13 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_host_1to16_04

1438 e2blit_host_1to16_05 00:00:14 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_host_1to16_05

1439 e2blit_host_1to16_06 00:00:12 mkelly PASS mkelly
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1440 e2blit_host_1to16_07 00:00:13 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_host_1to16_07

1441 e2blit_host_100x100_8888 00:00:41 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_host_100x100_8888

1442 e2blit_host_pm4_100x100_8888 00:00:42 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_host_pm4_100x100_8888

1443 e2blit_hostdest_1555 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_hostdest_1555

1444 e2blit_hostdest_1555_lines 00:00:12 mkelly PASS mkelly

\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_hostdest_1555_lines

1445 e2blit_hostdest_8888 00:00:13 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_hostdest_8888

1446 e2blit_hostdest_ci8 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_hostdest_ci8

1447 e2blit_hostmono 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_hostmono

1448 e2blit_hostmonow 00:00:15 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_hostmonow

1449 e2blit_noshft_565 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_noshft_565

1450 e2blit_noshft_1555 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_noshft_1555

1451 e2blit_noshft_8888 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_noshft_8888

1452 e2blit_noshft_ci8 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_noshft_ci8

1453 e2blit_offscreen 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_offscreen

1454 e2blit_offset_565 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_offset_565

1455 e2blit_offset_1555 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_offset_1555

1456 e2blit_offset_8888 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_offset_8888

1457 e2blit_offset_ci8 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_offset_ci8

1458 e2blit_pitch_565 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_pitch_565

1459 e2blit_pitch_1555 00:00:11 mkelly PASS mkelly
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1460 e2blit_pitch_8888 00:00:12 mkelly PASS mkelly

\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_pitch_8888

1461 e2blit_pix_order_565 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_pix_order_565

1462 e2blit_pix_order_1555 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_pix_order_1555

1463 e2blit_pix_order_8888 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_pix_order_8888

1464 e2blit_pix_order_ci8 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_pix_order_ci8

1465 e2blit_qdrnt_cc 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_qdrnt_cc

1466 e2blit_qdrnt_cc_565 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_qdrnt_cc_565

1467 e2blit_qdrnt_cc_1555 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_qdrnt_cc_1555

1468 e2blit_qdrnt_cc_ci8 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_qdrnt_cc_ci8

1469 e2blit_raster_order 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_raster_order

1470 e2blit_raster_orderb 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_raster_orderb

1471 e2blit_shftL_565 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_shftL_565

1472 e2blit_shftL_1555 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_shftL_1555

1473 e2blit_shftL_8888 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_shftL_8888

1474 e2blit_shftL_ci8 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_shftL_ci8

1475 e2blit_shftR_565 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_shftR_565

1476 e2blit_shftR_1555 00:00:10 mkelly PASS mkelly

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\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_shftR_1555

 1477 e2blit_shftR_8888                                00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_shftR_8888

 1478 e2blit_shftR_ci8                                 00:00:10 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_shftR_ci8

 1479 e2blit_src_565                                   00:00:26 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_src_565

 1480 e2blit_src_565a                                  00:00:22 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_src_565a

 1481 e2blit_src_565b                                  00:00:12 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_src_565b

 1482 e2blit_src_565c                                  00:00:13 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_src_565c

 1483 e2blit_src_8888                                  00:00:20 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_src_8888

 1484 e2blit_src_8888_sdest                            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_src_8888_sdest

 1485 e2blit_src_8888_smono                            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_src_8888_smono

 1486 e2blit_src_8888a                                 00:00:15 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_src_8888a

 1487 e2blit_src_8888b                                 00:00:11 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_src_8888b

 1488 e2blit_src_8888d                                 00:00:12 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_src_8888d

 1489 e2blit_src_ci8                                   00:00:18 mkelly PASS    mkelly
                      \\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_src_ci8

 1490 e2blit_src_ci8_smono                             00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_src_ci8_smono

 1491 e2blit_src_ci8_smonom                            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_src_ci8_smonom

 1492 e2blit_src_ci8a                                  00:00:14 mkelly PASS    mkelly
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                    \\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_src_ci8a

 1493 e2blit_src_ci8b                                  00:00:13 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_src_ci8b

 1494 e2blit_walk_565                                  00:00:12 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_walk_565

 1495 e2blit_walk_1555                                 00:00:12 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_walk_1555

 1496 e2blit_walk_8888                                 00:00:12 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_walk_8888

 1497 e2blit_walk_ci8                                  00:00:12 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_walk_ci8

 1498 e2blit_walk_srcdst                               00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_walk_srcdst

 1499 e2blit_wh_8888                                   00:00:12 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blit_wh_8888

 1500 e2blits_565                                      00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2blits_565

 1501 e2brush                                          00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2brush

 1502 e2brush_8x8clr                                   00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2brush_8x8clr

 1503 e2brush_8x8clr_565                               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2brush_8x8clr_565

 1504 e2brush_8x8clr_1555                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2brush_8x8clr_1555

 1505 e2brush_8x8clr_ci8                               00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2brush_8x8clr_ci8

 1506 e2brush_8x8mmask                                 00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2brush_8x8mmask

 1507 e2brush_8x8mmask_565                             00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2brush_8x8mmask_565

 1508 e2brush_8x8mmask_1555                            00:00:11 mkelly PASS    mkelly
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\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2brush_8x8mmask_1555

1509 e2brush_8x8mmask_ci8 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2brush_8x8mmask_ci8

1510 e2brush_8x8mono 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2brush_8x8mono

1511 e2brush_8x8mono_565 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2brush_8x8mono_565

1512 e2brush_8x8mono_1555 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2brush_8x8mono_1555

1513 e2brush_8x8mono_ci8 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2brush_8x8mono_ci8

1514 e2brush_32x1line 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2brush_32x1line

1515 e2brush_32x1line_565 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2brush_32x1line_565

1516 e2brush_32x1line_1555 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2brush_32x1line_1555

1517 e2brush_32x1line_ci8 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2brush_32x1line_ci8

1518 e2brush_32x1linemask 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2brush_32x1linemask

1519 e2brush_32x1linemask_565 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2brush_32x1linemask_565

1520 e2brush_32x1linemask_1555 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2brush_32x1linemask_1555

1521 e2brush_32x1linemask_ci8 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2brush_32x1linemask_ci8

1522 e2brush_565 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2brush_565

1523 e2brush_1555 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2brush_1555

1524 e2brush_address 00:00:14 mkelly PASS mkelly

\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2brush_address

1525 e2brush_address_565 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2brush_address_565

1526 e2brush_address_1555 00:00:13 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2brush_address_1555

1527 e2brush_address_ci8 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2brush_address_ci8

1528 e2brush_ci8 00:00:11 mkelly PASS mkelly
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1529 e2brush_solid 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2brush_solid

1530 e2brush_solid_565 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2brush_solid_565

1531 e2brush_solid_1555 00:00:11 mkelly PASS mkelly
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1532 e2brush_solid_ci8 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2brush_solid_ci8

1533 e2brush_solidline 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2brush_solidline

1534 e2brush_solidline_565 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2brush_solidline_565

1535 e2brush_solidline_1555 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2brush_solidline_1555

1536 e2brush_solidline_ci8 00:00:11 mkelly PASS mkelly
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1537 e2cache1 00:00:11 mkelly PASS mkelly
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1538 e2cache2 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2cache2

1539 e2cache4 00:00:17 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2cache4

1540 e2cache5 00:00:14 mkelly PASS mkelly

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1541 e2cache6                                       00:00:10 mkelly PASS    mkelly
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1542 e2cache7                                       00:00:12 mkelly PASS    mkelly
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1543 e2cache8                                       00:00:12 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2cache8

1544 e2dst_scssr_565                                00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2dst_scssr_565

1545 e2dst_scssr_1555                               00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2dst_scssr_1555

1546 e2dst_scssr_8888                               00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2dst_scssr_8888

1547 e2dst_scssr_ci8                                00:00:10 mkelly PASS    mkelly
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1548 e2endian_fb                                    00:00:14 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2endian_fb

1549 e2endian_agp                                   00:00:13 mkelly PASS    mkelly
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1550 e2endian_host                                  00:00:16 mkelly PASS    mkelly
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1551 e2lilblit                                      00:00:11 mkelly PASS    mkelly
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1552 e2lilblit_line                                 00:00:11 mkelly PASS    mkelly
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1553 e2line_box                                     00:00:11 mkelly PASS    mkelly
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1554 e2line_bridgeB                                 00:00:11 mkelly PASS    mkelly
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1555 e2line_bridgeBL                                00:00:10 mkelly PASS    mkelly
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1556 e2line_bridgeBR                                00:00:11 mkelly PASS    mkelly
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\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2line_bridgeBR

1557 e2line_bridgeL 00:00:11 mkelly PASS mkelly
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1558 e2line_bridgeLRTB 00:00:11 mkelly PASS mkelly
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1559 e2line_bridgeR 00:00:11 mkelly PASS mkelly
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1560 e2line_bridgeT 00:00:11 mkelly PASS mkelly
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1561 e2line_bridgeTL 00:00:11 mkelly PASS mkelly
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1562 e2line_bridgeTR 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2line_bridgeTR

1563 e2line_hori565 00:00:11 mkelly PASS mkelly
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1564 e2line_hori1555 00:00:12 mkelly PASS mkelly
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1565 e2line_hori8888 00:00:11 mkelly PASS mkelly
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1566 e2line_horici8 00:00:12 mkelly PASS mkelly
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1567 e2line_horishort565 00:00:10 mkelly PASS mkelly
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1568 e2line_horishort1555 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2line_horishort1555

1569 e2line_horishort8888 00:00:10 mkelly PASS mkelly
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1570 e2line_horishortci8 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2line_horishortci8

1571 e2line_nobridge 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2line_nobridge

1572 e2line_offscreen 00:00:11 mkelly PASS mkelly

\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2line_offscreen

1573 e2line_patcount 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2line_patcount

1574 e2line_patcount_565 00:00:12 mkelly PASS mkelly
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1575 e2line_patcount_1555 00:00:12 mkelly PASS mkelly
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1576 e2line_patcount_ci8 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2line_patcount_ci8

1577 e2line_patcount_poly_565 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2line_patcount_poly_565

1578 e2line_patcount_poly_ci8 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2line_patcount_poly_ci8

1579 e2line_ptrn 00:00:11 mkelly PASS mkelly
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1580 e2line_ptrnplaid 00:00:13 mkelly PASS mkelly
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1581 e2line_star 00:00:11 mkelly PASS mkelly
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1582 e2line_vert565 00:00:12 mkelly PASS mkelly
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1583 e2line_vert1555 00:00:11 mkelly PASS mkelly
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1584 e2line_vert8888 00:00:11 mkelly PASS mkelly
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1585 e2line_vertci8 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2line_vertci8

1586 e2line_vertshort565 00:00:11 mkelly PASS mkelly
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1587 e2line_vertshort1555 00:00:10 mkelly PASS mkelly
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1588 e2line_vertshort8888 00:00:11 mkelly PASS mkelly

\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2line_vertshort8888

1589 e2line_vertshortci8 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2line_vertshortci8

1590 e2line_zeropixel 00:00:10 mkelly PASS mkelly
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1591 e2max_values_height 00:00:18 mkelly PASS mkelly
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1592 e2max_values_offset 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2max_values_offset

1593 e2max_values_width 00:00:17 mkelly PASS mkelly
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1594 e2max_values_xy 00:00:11 mkelly PASS mkelly
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1595 e2rop_00_0f 00:00:11 mkelly PASS mkelly
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1596 e2rop_10_1f 00:00:10 mkelly PASS mkelly
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1597 e2rop_20_2f 00:00:10 mkelly PASS mkelly
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1598 e2rop_30_3f 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2rop_30_3f

1599 e2rop_40_4f 00:00:10 mkelly PASS mkelly
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1600 e2rop_50_5f 00:00:11 mkelly PASS mkelly
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1601 e2rop_60_6f 00:00:11 mkelly PASS mkelly
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1602 e2rop_70_7f 00:00:10 mkelly PASS mkelly
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1603 e2rop_80_8f 00:00:11 mkelly PASS mkelly
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1604 e2rop_90_9f 00:00:10 mkelly PASS mkelly

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 1605 e2rop_a0_af                                    00:00:11 mkelly PASS    mkelly
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 1606 e2rop_b0_bf                                    00:00:10 mkelly PASS    mkelly
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 1607 e2rop_c0_cf                                    00:00:10 mkelly PASS    mkelly
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 1608 e2rop_d0_df                                    00:00:10 mkelly PASS    mkelly
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 1609 e2rop_e0_ef                                    00:00:10 mkelly PASS    mkelly
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 1610 e2rop_f0_ff                                    00:00:11 mkelly PASS    mkelly
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 1611 e2scssr_flipped_blits_8888                     00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2scssr_flipped_blits_8888

 1612 e2scssr_flipped_lines                          00:00:10 mkelly PASS    mkelly
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 1613 e2scssr_none_565                               00:00:11 mkelly PASS    mkelly
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 1614 e2scssr_none_1555                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2scssr_none_1555

 1615 e2scssr_none_8888                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2scssr_none_8888

 1616 e2scssr_none_ci8                               00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2scssr_none_ci8

 1617 e2scssr_within_565                             00:00:10 mkelly PASS    mkelly
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 1618 e2scssr_within_1555                            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2scssr_within_1555

 1619 e2scssr_within_8888                            00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2scssr_within_8888

 1620 e2scssr_within_ci8                             00:00:11 mkelly PASS    mkelly
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\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2scssr_within_ci8

1621 e2scssrB_565 00:00:11 mkelly PASS mkelly
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1622 e2scssrB_1555 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2scssrB_1555

1623 e2scssrB_8888 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2scssrB_8888

1624 e2scssrB_ci8 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2scssrB_ci8

1625 e2scssrBL_565 00:00:11 mkelly PASS mkelly
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1626 e2scssrBL_1555 00:00:11 mkelly PASS mkelly
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1627 e2scssrBL_8888 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2scssrBL_8888

1628 e2scssrBL_ci8 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2scssrBL_ci8

1629 e2scssrBR_565 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2scssrBR_565

1630 e2scssrBR_1555 00:00:11 mkelly PASS mkelly
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1631 e2scssrBR_8888 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2scssrBR_8888

1632 e2scssrBR_ci8 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2scssrBR_ci8

1633 e2scssrL_565 00:00:11 mkelly PASS mkelly
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1634 e2scssrL_1555 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2scssrL_1555

1635 e2scssrL_8888 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2scssrL_8888

1636 e2scssrL_ci8 00:00:11 mkelly PASS mkelly

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1637 e2scssrLRTB_565                                00:00:11 mkelly PASS    mkelly
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1638 e2scssrLRTB_1555                               00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2scssrLRTB_1555

1639 e2scssrLRTB_8888                               00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2scssrLRTB_8888

1640 e2scssrLRTB_ci8                                00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2scssrLRTB_ci8

1641 e2scssrR_565                                   00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2scssrR_565

1642 e2scssrR_1555                                  00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2scssrR_1555

1643 e2scssrR_8888                                  00:00:10 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2scssrR_8888

1644 e2scssrR_ci8                                   00:00:11 mkelly PASS    mkelly
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1645 e2scssrT_565                                   00:00:11 mkelly PASS    mkelly
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1646 e2scssrT_1555                                  00:00:11 mkelly PASS    mkelly
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1647 e2scssrT_8888                                  00:00:11 mkelly PASS    mkelly
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1648 e2scssrT_ci8                                   00:00:11 mkelly PASS    mkelly
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1649 e2scssrTL_565                                  00:00:11 mkelly PASS    mkelly
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1650 e2scssrTL_1555                                 00:00:11 mkelly PASS    mkelly
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1651 e2scssrTL_8888                                 00:00:11 mkelly PASS    mkelly
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1652 e2scssrTL_ci8                                  00:00:11 mkelly PASS    mkelly
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 1653 e2scssrTR_565                                  00:00:11 mkelly PASS    mkelly
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 1654 e2scssrTR_1555                                 00:00:10 mkelly PASS    mkelly
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 1655 e2scssrTR_8888                                 00:00:11 mkelly PASS    mkelly
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 1656 e2scssrTR_ci8                                  00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2scssrTR_ci8

 1657 e2src_scssrB                                   00:00:10 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2src_scssrB

 1658 e2src_scssrB_565                               00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2src_scssrB_565

 1659 e2src_scssrB_1555                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2src_scssrB_1555

 1660 e2src_scssrB_ci8                               00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2src_scssrB_ci8

 1661 e2src_scssrBR                                  00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2src_scssrBR

 1662 e2src_scssrBR_565                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2src_scssrBR_565

 1663 e2src_scssrBR_1555                             00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2src_scssrBR_1555

 1664 e2src_scssrBR_ci8                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2src_scssrBR_ci8

 1665 e2src_scssrR                                   00:00:10 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2src_scssrR

 1666 e2src_scssrR_565                               00:00:11 mkelly PASS    mkelly
                    \\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2src_scssrR_565

 1667 e2src_scssrR_1555                              00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2src_scssrR_1555

 1668 e2src_scssrR_ci8                               00:00:10 mkelly PASS    mkelly
```

\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2src_scssrR_ci8

1669 e2srcsc_565 00:00:13 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2srcsc_565

1670 e2srcsc_8888 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2srcsc_8888

1671 e2srcsc_ci8 00:00:12 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/e2srcsc_ci8

1672 r400cp_2drotdst_hbl 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cp_2drotdst_hbl

1673 r400cp_2drotdst_hbr 00:00:10 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cp_2drotdst_hbr

1674 r400cp_2drotdst_htl 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cp_2drotdst_htl

1675 r400cp_2drotdst_htr 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cp_2drotdst_htr

1676 r400cp_2drotdst_vbl 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cp_2drotdst_vbl

1677 r400cp_2drotdst_vbr 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cp_2drotdst_vbr

1678 r400cp_2drotdst_vtl 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cp_2drotdst_vtl

1679 r400cp_2drotdst_vtr 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cp_2drotdst_vtr

1680 r400cp_2drotdst_host 00:00:17 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cp_2drotdst_host

1681 r400cp_2drotsrc_eqofst 00:00:14 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cp_2drotsrc_eqofst

1682 r400cp_2drotsrc_neqofst 00:00:11 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cp_2drotsrc_neqofst

1683 r400cp_2drotdst_1555 00:00:16 mkelly PASS mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cp_2drotdst_1555

1684 r400cp_2drotdst_565 00:00:15 mkelly PASS mkelly

```
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cp_2drotdst_565

 1685 r400cp_2dalphablend_sb                          00:00:26 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cp_2dalphablend_sb

 1686 r400cp_2dalphablend_sb_1555                     00:00:26 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cp_2dalphablend_sb_1555

 1687 r400cp_2dalphablend_sb_565                      00:00:26 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cp_2dalphablend_sb_565

 1688 r400cp_2dalphablend_abc                         00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cp_2dalphablend_abc

 1689 r400cp_2dalphablend_abs                         00:00:13 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cp_2dalphablend_abs

 1690 r400cp_2dalphablend_abb                         00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cp_2dalphablend_abb

 1691 r400cp_2dalphablend_8888                        00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cp_2dalphablend_8888

 1692 r400cp_2dalphablend_1555                        00:00:12 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cp_2dalphablend_1555

 1693 r400cp_2dalphablend_565                         00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cp_2dalphablend_565

 1694 r400cp_2daafont_bgnd                            00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cp_2daafont_bgnd

 1695 r400cp_2daafont_dst                             00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cp_2daafont_dst

 1696 r400cp_2daafont_1555                            00:00:10 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cp_2daafont_1555

 1697 r400cp_2daafont_565                             00:00:11 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cp_2daafont_565

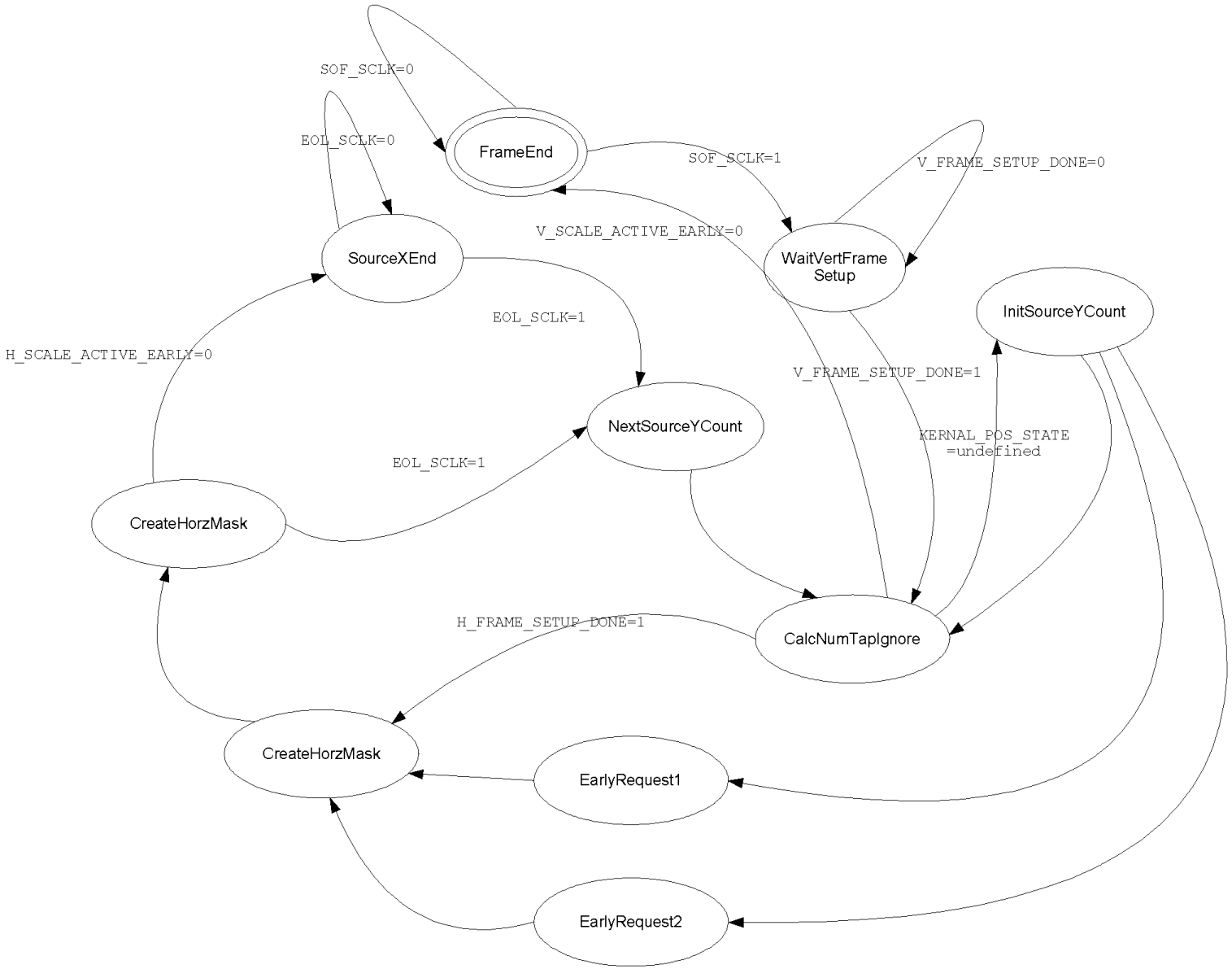
 1698 r400cp_2d3dswitch_a                             00:00:15 mkelly PASS    mkelly
\\fl_mkelly2\d\r400\regress/mkelly_030207160903/r400cp_2d3dswitch_a

 1699 r400cp_registers                                00:00:08 mkelly FAIL
 gold or cmp file mis
+-------------------------------------------------------------------------------------
-----------------------------------+
```

+ Regression Summary:  R400 EMU SYNC mkelly
+ Date: Sat Feb  8 06:35:49 2003

| UNIT | Total Tests | Tests Run | Tests Pass | %Pass |
|---|---|---|---|---|
| SC | 407 | 405 | 398 | 98.27 |
| VGT | 235 | 235 | 195 | 82.98 |
| CL | 362 | 357 | 356 | 99.72 |
| SU | 148 | 148 | 138 | 93.24 |
| VTE | 39 | 39 | 38 | 97.44 |
| CP | 512 | 507 | 498 | 98.22 |
| RBBM | 0 | 0 | 0 | 0.00 |
| BUGS | 0 | 0 | 0 | 0.00 |
| SANITY | 1 | 1 | 1 | 100.00 |
| STRESS | 0 | 0 | 0 | 0.00 |
| PERF | 7 | 7 | 6 | 85.71 |
| TOTAL | 1711 | 1699 | 1630 | 95.94 |

This record has been provided in native format.


SOF_SCLK=0
EOL_SCLK=0
FrameEnd
SOF_SCLK=1
V_FRAME_SETUP_DONE=0
V_SCALE_ACTIVE_EARLY=0
SourceXEnd
WaitVertFrame Setup
InitSourceYCount
EOL_SCLK=1
H_SCALE_ACTIVE_EARLY=0
V_FRAME_SETUP_DONE=1
NextSourceYCount
KERNAL_POS_STATE =undefined
EOL_SCLK=1
CreateHorzMask
H_FRAME_SETUP_DONE=1
CalcNumTapIgnore
CreateHorzMask
EarlyRequest1
EarlyRequest2

ATI Technologies Inc.

# Kaleidoscope DCIO Interface Spec




*NAT BARBIERO*

**Revision 1.313**

File Path: //depot/r400/doc_lib/blocks/dc/DCIO/DCIO Interface.doc *March 31, Jan 26 2000 4:03:00 PM*

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# 1 Open Issues

List all open issues. Include short description of resolution when closed. This should not be detailed.

## 1.1 Open Feature Issues

1
Issue: Are pad override signals from the chip going to go through the DCIO or are they going directly to the pad?
Resolution: The override signals from the chip will not go through the DCIO. (Robertson Velez)

2
Issue: Is EXT_SYNC pad needed?
Resolution: No (Robertson Velez)

## 1.2 Open Implementation Issues

1
Issue:
Resolution:

2
Issue:
Resolution:

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# 2 Interface Functional Description and Purpose

The Kaleidoscope project supports the use of General Purpose Input/Output (GPIO) pads. As the name suggests, the GPIO pads allow multiple uses of the same pad. The DCIO block facilitates the versatility of the pad by using a series of muxes to choose the data going to the pads. The pins controlled by the DCIO are the data input (A0), the output enable (OE) and the mux select (SEL1, SEL0) pins. The values of these signals are based on register settings (which allow the pads to be programmed through software) and inputs from the DISPLAY & VIP blocks (normal pad operation). The selection of the output is based on a predetermined priority sequence. The register signals have a higher priority than the DISPLAY and VIP signals. The following pads will have GPIO functionality and are, thus, controlled by the DCIO.

| PAD | BLOCK |
|---|---|
| SCL | VIP |
| SDA | VIP |
| VID(7:0) | VIP |
| PSYNC | VIP |
| VPCLK | VIP |
| DVALID | VIP |
| VHAD(1:0) | VIP |
| VPHCTL | VIP |
| VIPCLK | VIP |
| DVODATA(23:0) | DISP |
| DVOCNTL(2:0) | DISP |
| DVOCLK(1:0) | DISP |
| DDC1DATA | DISP |
| DDC1CLK | DISP |
| DDC2DATA | DISP |
| DDC2CLK | DISP |
| DDC3DATA | DISP |
| DDC3CLK | DISP |
| HSYNCA | DISP |
| VSYNCA | DISP |
| HSYNCB | DISP |
| VSYNCB | DISP |
| GENERICA | DISP |
| GENERICB | DISP |
| GENERICC | DISP |
| HPD1 | DISP |
| HPD2 | DISP |

The outputs of each GPIO pad (Y pin) will be stored in readable registers.

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# 3 Interface Signal Lists

## 3.1 DCIO block interface signals.

| Signal Name | Source | Description |
|---|---|---|
| VIP_DISP_scl_a | VIP | Data for I2C data line |
| VIP_DISP_scl_en | VIP | Enable for I2C data line |
| VIP_DISP_sda_a | VIP | Data for I2C clock line |
| VIP_DISP_sda_en | VIP | Enable for I2C clock line |
| VIP_DISP_vhad_a(1:0) | VIP | Data for VIP HOST Address/Data lines |
| VIP_DISP_vhad_en(1:0) | VIP | Enable for VIP HOST Address/Data lines |
| VIP_DISP_vphctl_a | VIP | Data for VIP HOST control |
| VIP_DISP_vphctl_en | VIP | Enable for VIP HOST control |
| VIP_DISP_vipclk_a | VIP | Data for VIP HOST clock |
| VIP_DISP_viph_en | VIP | Register bit enabling VIP HOST |
| CG_DISP_strap_rst_en | CG | Reset bit used for gpio enable signals. |
| doutregs_dcio_dvo_en | dispregs | Enable for DVO port |
| doutregs_dcio_dvo_rate_sel | dispregs | Select for DVO port speed (DDR – 0, SDR – 1) |
| DCCG_DOUT_dvoclk_a | DCCG | Data for DVOCLK data line |
| i2c_dcio_ddc1data_a | dout_i2c | Data for I2C DDC1 data line |
| i2c_dcio_ddc1data_en | dout_i2c | Enable for I2C DDC1 data line |
| i2c_dcio_ddc1clk_a | dout_i2c | Data for I2C DDC1 clock line |
| i2c_dcio_ddc1clk_en | dout_i2c | Enable for I2C DDC1 clock line |
| i2c_dcio_ddc2data_a | dout_i2c | Data for I2C DDC2 data line |
| i2c_dcio_ddc2data_en | dout_i2c | Enable for I2C DDC2 data line |
| i2c_dcio_ddc2clk_a | dout_i2c | Data for I2C DDC2 clock line |
| i2c_dcio_ddc2clk_en | dout_i2c | Enable for I2C DDC2 clock line |
| i2c_dcio_ddc3data_a | dout_i2c | Data for I2C DDC3 data line |
| i2c_dcio_ddc3data_en | dout_i2c | Enable for I2C DDC3 data line |
| i2c_dcio_ddc3clk_a | dout_i2c | Data for I2C DDC3 clock line |
| i2c_dcio_ddc3clk_en | dout_i2c | Enable for I2C DDC3 clock line |
| daca_dcio_stereosync | daca | Display 1 stereosync signal |
| dacb_dcio_stereosync | dacb | Display 2 stereosync signal |
| dvoa_dcio_stereosync | dvoa | DVOA stereosync_signal |
| dvoa_dcio_ctl3 | dvoa | CTL3 signal for TMDS transmitter. |
| daca_dcio_hsynca_en | daca | Enable signal for HSYNCA |
| daca_dcio_vsynca_en | daca | Enable signal for VSYNCA |
| dacb_dcio_hsyncb_en | dacb | Enable signal for HSYNCB |
| dacb_dcio_vsyncb_en | dacb | Enable signal for VSYNCB |
| DCCG_DOUT_pixclk_daca | DCCG | DACA pixel clock (can be put on generic pads) |
| DCCG_DOUT_pixclk_dacb | DCCG | DACB pixel clock (can be put on generic pads) |
| DCCG_DOUT_p1pllclk | DCCG | Non-spread spectrum clock from 1st PLL |
| DCCG_DOUT_p2pllclk | DCCG | Non-spread spectrum clock from 2nd PLL |
| crtc1_dout_field_number | crtc1 | Interlace field number for 1st Display |
| crtc2_dout_field_number | crtc2 | Interlace field number for 2nd Display |
| tv_dout_field_number | tvout | Interlace field number for TV Encoder. |
| doutregs_dcio_generica_sel(3:0) | doutregs | Select signals for GENERICA |

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| Signal Name | Source | Description |
|---|---|---|
| doutregs_dcio_genericb_sel(3:0) | doutregs | Select signals for GENERICB |
| doutregs_dcio_regular_gena_en | doutregs | Enable signal for GENERICA |
| doutregs_dcio_regular_genb_en | doutregs | Enable signal for GENERICB |
| doutregs_dcio_dc_pad_extern_sig_sel(3:0) | doutregs | Select signals for PAD_EXTERNAL_SIGNAL |
| doutregs_dcio_scl_a | doutregs | GPIO Register data for SCL |
| doutregs_dcio_scl_en | doutregs | GPIO Register data enable SCL |
| doutregs_dcio_scl_mask | doutregs | Enable GPIO for SCL |
| doutregs_dcio_sda_a | doutregs | GPIO Register data for SDA |
| doutregs_dcio_sda_en | doutregs | GPIO Register data enable SDA |
| doutregs_dcio_sda_mask | doutregs | Enable GPIO for SDA |
| doutregs_dcio_vid_a(7:0) | doutregs | GPIO Register data for VID |
| doutregs_dcio_vid_en(7:0) | doutregs | GPIO Register data enable VID |
| doutregs_dcio_vid_mask(7:0) | doutregs | Enable GPIO for VID |
| doutregs_dcio_psync_a | doutregs | GPIO Register data for PSYNC |
| doutregs_dcio_psync_en | doutregs | GPIO Register data enable PSYNC |
| doutregs_dcio_psync_mask | doutregs | Enable GPIO for PSYNC |
| doutregs_dcio_vpclk_a | doutregs | GPIO Register data for VPCLK |
| doutregs_dcio_vpclk_en | doutregs | GPIO Register data enable for VPCLK |
| doutregs_dcio_vpclk_mask | doutregs | Enable GPIO for VPCLK |
| doutregs_dcio_dvalid_a | doutregs | GPIO Register data for DVALID |
| doutregs_dcio_dvalid_en | doutregs | GPIO Register data enable DVALID |
| doutregs_dcio_dvalid_mask | doutregs | Enable GPIO for DVALID |
| doutregs_dcio_vhad_a(1:0) | doutregs | GPIO Register data for VHAD |
| doutregs_dcio_vhad_en(1:0) | doutregs | GPIO Register data enable VHAD |
| doutregs_dcio_vhad_mask(1:0) | doutregs | Enable GPIO for VHAD |
| doutregs_dcio_vphctl_a | doutregs | GPIO Register data for VPHCTL |
| doutregs_dcio_vphctl_en | doutregs | GPIO Register data enable VPHCTL |
| doutregs_dcio_vphctl_mask | doutregs | Enable GPIO for VIPHCTL |
| doutregs_dcio_vipclk_a | doutregs | GPIO Register data for VIPCLK |
| doutregs_dcio_vipclk_en | doutregs | GPIO Register data enable VIPCLK |
| doutregs_dcio_vipclk_mask | doutregs | Enable GPIO for VIPCLK |
| doutregs_dcio_dvodata_a(23:0) | doutregs | GPIO Register data for DVODATA |
| doutregs_dcio_dvodata_en(23:0) | doutregs | GPIO Register data enable DVODATA |
| doutregs_dcio_dvodata_mask(23:0) | doutregs | Enable GPIO for DVODATA |
| doutregs_dcio_dvocntl_a(2:0) | doutregs | GPIO Register data for DVOCNTL |
| doutregs_dcio_dvocntl_en(2:0) | doutregs | GPIO Register data enable DVOCNTL |
| doutregs_dcio_dvocntl_mask(2:0) | doutregs | Enable GPIO for DVOCNTL |
| doutregs_dcio_dvoclk_a(1:0) | doutregs | GPIO Register data for DVOCLK |
| doutregs_dcio_dvoclk_en(1:0) | doutregs | GPIO Register data enable DVOCLK |
| doutregs_dcio_dvoclk_mask(1:0) | doutregs | Enable GPIO for DVOCLK |
| doutregs_dcio_ddc1data_a | doutregs | GPIO Register data for DDC1DATA |
| doutregs_dcio_ddc1data_en | doutregs | GPIO Register data enable DDC1DATA |
| doutregs_dcio_ddc1data_mask | doutregs | Enable GPIO for DDC1DATA |
| doutregs_dcio_ddc1clk_a | doutregs | GPIO Register data for DDC1CLK |
| doutregs_dcio_ddc1clk_en | doutregs | GPIO Register data enable DDC1CLK |
| doutregs_dcio_ddc1clk_mask | doutregs | Enable GPIO for DDC1CLK |
| doutregs_dcio_ddc2data_a | doutregs | GPIO Register data for DDC2DATA |
| doutregs_dcio_ddc2data_en | doutregs | GPIO Register data enable DDC2DATA |

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| Signal Name | Source | Description |
|---|---|---|
| doutregs_dcio_ddc2data_mask | doutregs | Enable GPIO for DDC2DATA |
| doutregs_dcio_ddc2clk_a | doutregs | GPIO Register data for DDC2CLK |
| doutregs_dcio_ddc2clk_en | doutregs | GPIO Register data enable DDC2CLK |
| doutregs_dcio_ddc2clk_mask | doutregs | Enable GPIO for DDC2CLK |
| doutregs_dcio_ddc3data_a | doutregs | GPIO Register data for DDC3DATA |
| doutregs_dcio_ddc3data_en | doutregs | GPIO Register data enable DDC3DATA |
| doutregs_dcio_ddc3data_mask | doutregs | Enable GPIO for DDC3DATA |
| doutregs_dcio_ddc3clk_a | doutregs | GPIO Register data for DDC3CLK |
| doutregs_dcio_ddc3clk_en | doutregs | GPIO Register data enable DDC3CLK |
| doutregs_dcio_ddc3clk_mask | doutregs | Enable GPIO for DDC3CLK |
| doutregs_dcio_hsynca_a | doutregs | GPIO Register data for HSYNCA |
| doutregs_dcio_hsynca_en | doutregs | GPIO Register data enable HSYNCA |
| doutregs_dcio_hsynca_mask | doutregs | Enable GPIO for HSYNCA |
| doutregs_dcio_vsynca_a | doutregs | GPIO Register data for VSYNCA |
| doutregs_dcio_vsynca_en | doutregs | GPIO Register data enable VSYNCA |
| doutregs_dcio_vsynca_mask | doutregs | Enable GPIO for VSYNCA |
| doutregs_dcio_hsyncb_a | doutregs | GPIO Register data for HSYNCB |
| doutregs_dcio_hsyncb_en | doutregs | GPIO Register data enable HSYNCB |
| doutregs_dcio_hsyncb_mask | doutregs | Enable GPIO for HSYNCB |
| doutregs_dcio_vsyncb_a | doutregs | GPIO Register data for VSYNCB |
| doutregs_dcio_vsyncb_en | doutregs | GPIO Register data enable VSYNCB |
| doutregs_dcio_vsync_mask | doutregs | Enable GPIO for VSYNCB |
| doutregs_dcio_generica_a | doutregs | GPIO Register data for GENERICA |
| doutregs_dcio_generica_en | doutregs | GPIO Register data enable GENERICA |
| doutregs_dcio_generica_mask | doutregs | Enable GPIO for GENERICA |
| doutregs_dcio_genericb_a | doutregs | GPIO Register data for GENERICB |
| doutregs_dcio_genericb_en | doutregs | GPIO Register data enable GENERICB |
| doutregs_dcio_genericb_mask | doutregs | Enable GPIO for GENERICB |
| doutregs_dcio_hpd1_a | doutregs | GPIO Register data for HPD1 |
| doutregs_dcio_hpd1_en | doutregs | GPIO Register data enable HPD1 |
| doutregs_dcio_hpd1_mask | doutregs | Enable GPIO for HPD1 |
| doutregs_dcio_hpd2_a | doutregs | GPIO Register data for HDP2 |
| doutregs_dcio_hpd2_en | doutregs | GPIO Register data enable HPD2 |
| doutregs_dcio_hpd2_mask | doutregs | Enable GPIO for HPD2 |
| DC_IO_scl_a0 | DCIO | Signal going to A0 pin of SCL pad |
| DC_IO_scl_en | DCIO | Signal going to OE pin of SCL pad |
| DC_IO_scl_sel0 | DCIO | Select signals for mux in SCL pad |
| DC_IO_sda_a0 | DCIO | Signal going to A0 pin of SDA pad |
| DC_IO_sda_en | DCIO | Signal going to OE pin of SDA pad |
| DC_IO_sda_sel0 | DCIO | Select signals for mux in SDA pad |
| DC_IO_vid_a0(7:0) | DCIO | Signal going to A0 pin of VID pads |
| DC_IO_vid_en(7:0) | DCIO | Signal going to OE pin of VID pads |
| DC_IO_vid_sel0(7:0) | DCIO | Select signals for muxes in VID pads |
| DC_IO_psync_a0 | DCIO | Signal going to A0 pin of PSYNC pad |
| DC_IO_psync_en | DCIO | Signal going to OE pin of PSYNC pad |
| DC_IO_psync_sel0 | DCIO | Select signals for mux in PSYNC pad |
| DC_IO_vpclk_a0 | DCIO | Signal going to A0 pin of VPCLK pad |
| DC_IO_vpclk_en | DCIO | Signal going to OE pin of VPCLK pad |

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| Signal Name | Source | Description |
|---|---|---|
| DC_IO_vpclk_sel0 | DCIO | Select signals for mux in VPCLK pad |
| DC_IO_dvalid_a0 | DCIO | Signal going to A0 pin of DVALID pad |
| DC_IO_dvalid_en | DCIO | Signal going to OE pin of DVALID pad |
| DC_IO_dvalid_sel0 | DCIO | Select signals for mux in DVALID pad |
| DC_IO_vhad_a0(1:0) | DCIO | Signal going to A0 pin of VHAD pads |
| DC_IO_vhad_en(1:0) | DCIO | Signal going to OE pin of VHAD pads |
| DC_IO_vhad_sel0(1:0) | DCIO | Select signals for muxes in VHAD pads |
| IO_DC_vhad_y(1:0) | IO | Values on VHAD pads. Inputs to PAD_EXTERNAL_SIGNAL mux. |
| DC_IO_vphctl_a0 | DCIO | Signal going to A0 pin of VPHCTL pad |
| DC_IO_vphctl_en | DCIO | Signal going to OE pin of VPHCTL pad |
| DC_IO_vphctl_sel0 | DCIO | Select signals for mux in VPHCTL pad |
| IO_DC_vphctl_y | IO | Value on VPHCTL pad. Input to PAD_EXTERNAL_SIGNAL mux. |
| DC_IO_vipclk_a0 | DCIO | Signal going to A0 pin of VIPCLK pad |
| DC_IO_vipclk_en | DCIO | Signal going to OE pin of VIPCLK pad |
| DC_IO_vipclk_sel0 | DCIO | Select signals for mux in VIPCLK pad |
| DC_IO_dvodata_a0(23:0) | DCIO | Signal going to A0 pin of DVODATA pads |
| DC_IO_dvodata_en(23:0) | DCIO | Signal going to OE pin of DVODATA pads |
| DC_IO_dvodata_sel0(23:0) | DCIO | Select signals for muxes in DVODATA pads |
| DC_IO_dvocntl_a0(2:0) | DCIO | Signal going to A0 pin of DVOCNTL pads |
| DC_IO_dvocntl_en(2:0) | DCIO | Signal going to OE pin of DVOCNTL pads |
| DC_IO_dvocntl_sel0(2:0) | DCIO | Select signals for muxes in DVOCNTL pads |
| DC_IO_dvoclk_a0(1:0) | DCIO | Signal going to A0 pin of DVOCLK pads |
| DC_IO_dvoclk_en(1:0) | DCIO | Signal going to OE pin of DVOCLK pads |
| DC_IO_dvoclk_sel0(1:0) | DCIO | Select signals for muxes in DVOCLK pads |
| DC_IO_ddc1data_a0 | DCIO | Signal going to A0 pin of DDC1DATA pad |
| DC_IO_ddc1data_en | DCIO | Signal going to OE pin of DDC1DATA pad |
| DC_IO_ddc1data_sel0 | DCIO | Select signals for mux in DDC1DATA pad |
| IO_DC_ddc1data_y | IO | Value on DDC1DATA pad. Input to PAD_EXTERNAL_SIGNAL mux. |
| DC_IO_ddc1clk_a0 | DCIO | Signal going to A0 pin of DDC1CLK pad |
| DC_IO_ddc1clk_en | DCIO | Signal going to OE pin of DDC1CLK pad |
| DC_IO_ddc1clk_sel0 | DCIO | Select signals for mux in DDC1CLK pad |
| IO_DC_ddc1clk_y | IO | Value on DDC1CLK pad. Input to PAD_EXTERNAL_SIGNAL mux. |
| DC_IO_ddc2data_a0 | DCIO | Signal going to A0 pin of DDC2DATA pad |
| DC_IO_ddc2data_en | DCIO | Signal going to OE pin of DDC2DATA pad |
| DC_IO_ddc2data_sel0 | DCIO | Select signals for mux in DDC2DATA pad |
| IO_DC_ddc2data_y | IO | Value on DDC2DATA pad. Input to PAD_EXTERNAL_SIGNAL mux. |
| DC_IO_ddc2clk_a0 | DCIO | Signal going to A0 pin of DDC2CLK pad |
| DC_IO_ddc2clk_en | DCIO | Signal going to OE pin of DDC2CLK pad |
| DC_IO_ddc2clk_sel0 | DCIO | Select signals for mux in DDC2CLK pad |
| IO_DC_ddc2clk_y | IO | Value on DDC2CLK pad. Input to PAD_EXTERNAL_SIGNAL mux. |
| DC_IO_ddc3data_a0 | DCIO | Signal going to A0 pin of DDC3DATA pad |
| DC_IO_ddc3data_en | DCIO | Signal going to OE pin of DDC3DATA pad |

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| Signal Name | Source | Description |
|---|---|---|
| DC_IO_ddc3data_sel0 | DCIO | Select signals for mux in DDC3DATA pad |
| DC_IO_ddc3clk_a0 | DCIO | Signal going to A0 pin of DDC3CLK pad |
| DC_IO_ddc3clk_en | DCIO | Signal going to OE pin of DDC3CLK pad |
| DC_IO_ddc3clk_sel0 | DCIO | Select signals for mux in DDC3CLK pad |
| DC_IO_hsynca_a0 | DCIO | Signal going to A0 pin of HSYNCA pad |
| DC_IO_hsynca_en | DCIO | Signal going to OE pin of HSYNCA pad |
| DC_IO_hsynca_sel0 | DCIO | Select signals for mux in HSYNCA pad |
| IO_DC_hsynca_y | IO | Value on HSYNCA pad. Input to PAD_EXTERNAL_SIGNAL mux. |
| DC_IO_vsynca_a0 | DCIO | Signal going to A0 pin of VSYNCA pad |
| DC_IO_vsynca_en | DCIO | Signal going to OE pin of VSYNCA pad |
| DC_IO_vsynca_sel0 | DCIO | Select signals for mux in VSYNCA pad |
| IO_DC_vsynca_y | IO | Value on VSYNCA pad. Input to PAD_EXTERNAL_SIGNAL mux. |
| DC_IO_hsyncb_a0 | DCIO | Signal going to A0 pin of HSYNCB pad |
| DC_IO_hsyncb_en | DCIO | Signal going to OE pin of HSYNCB pad |
| DC_IO_hsyncb_sel0 | DCIO | Select signals for mux in HSYNCB pad |
| IO_DC_hsyncb_y | IO | Value on HSYNCB pad. Input to PAD_EXTERNAL_SIGNAL mux. |
| DC_IO_vsyncb_a0 | DCIO | Signal going to A0 pin of VSYNCB pad |
| DC_IO_vsyncb_en | DCIO | Signal going to OE pin of VSYNCB pad |
| DC_IO_vsyncb_sel0 | DCIO | Select signals for mux in VSYNCB pad |
| IO_DC_vsyncb_y | IO | Value on VSYNCB pad. Input to PAD_EXTERNAL_SIGNAL mux. |
| DC_IO_generica_a0 | DCIO | Signal going to A0 pin of GENERICA pad |
| DC_IO_generica_en | DCIO | Signal going to OE pin of GENERICA pad |
| DC_IO_generica_sel0 | DCIO | Select signals for mux in GENERICA pad |
| IO_DC_generica_y | IO | Value on GENERICA pad. Input to PAD_EXTERNAL_SIGNAL mux. |
| DC_IO_genericb_a0 | DCIO | Signal going to A0 pin of GENERICB pad |
| DC_IO_genericb_en | DCIO | Signal going to OE pin of GENERICB pad |
| DC_IO_genericb_sel0 | DCIO | Select signals for mux in GENERICB pad |
| IO_DC_genericb_y | IO | Value on GENERICB pad. Input to PAD_EXTERNAL_SIGNAL mux. |
| DC_IO_genericc_a0 | DCIO | Signal going to A0 pin of GENERICC pad |
| DC_IO_genericc_en | DCIO | Signal going to OE pin of GENERICC pad |
| DC_IO_genericc_sel0 | DCIO | Select signals for mux in GENERICC pad |
| IO_DC_genericc_y | IO | Value on GENRICC pad. Input to PAD_EXTERNAL_SIGNAL mux. |
| DC_IO_hpd1_a0 | DCIO | Signal going to A0 pin of HPD1 pad |
| DC_IO_hpd1_en | DCIO | Signal going to OE pin of HPD1 pad |
| DC_IO_hpd1_sel0 | DCIO | Select signals for mux of HPD1 pad |
| IO_DC_hpd1_y | IO | Value on HPD1 pad. Input to PAD_EXTERNAL_SIGNAL mux. |
| DC_IO_hpd2_a0 | DCIO | Signal going to A0 pin of HPD2 pad |
| DC_IO_hpd2_en | DCIO | Signal going to OE pin of HPD2 pad |
| DC_IO_hpd2_sel0 | DCIO | Select signals for mux of HPD2 pad |
| IO_DC_hpd2_y | IO | Value on HPD2 pad. Input to |

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| Signal Name | Source | Description |
|---|---|---|
| | | PAD_EXTERNAL_SIGNAL mux. |
| PAD_EXTERNAL_SIGNAL | DCIO | GPIO pad value chosen by DC_PAD_EXTERN_SIG register that goes to RBBM. |

## 3.2 DC/IO interface signals which do not go through DCIO block.

| Signal Name | Source | Description |
|---|---|---|
| DC_IO_hsynca_d | DC(dout) | Synchronous input to HSYNCA |
| DC_IO_hsyncb_d | DC(dout) | Synchronous input to HSYNCB |
| DC_IO_vsynca_d | DC(dout) | Synchronous input to VSYNCA |
| DC_IO_vsyncb_d | DC(dout) | Synchronous input to VSYNCB |
| DC_IO_dvocntl_d(2:0) | DC(dout) | Synchronous inputs to DVOCNTL |
| DC_IO_dvoclk_d | DC(dout) | Synchronous input to DVOCLK |
| DC_IO_dvodata_d(23:0) | DC(dout) | Synchronous inputs to DVODATA |
| DC_IO_dvo_sp(3:0) | DC(dout) | DVODATA strength control. |
| DC_IO_dvo_sn(3:0) | DC(dout) | DVODATA strength control. |
| DC_IO_dvoclk_sp(3:0) | DC(dout) | DVOCLK & DVOCNTL strength control. |
| DC_IO_dvoclk_sn(3:0) | DC(dout) | DVOCLK & DVOCNTL strenght control. |
| DC_IO_dvo_srp(3:0) | DC(dout) | DVODATA srp |
| DC_IO_dvo_srn(3:0) | DC(dout) | DVODATA srn |
| DC_IO_dvoclk_srp(3:0) | DC(dout) | DVOCLK & DVOCNTL srp |
| DC_IO_dvoclk_srn(3:0) | DC(dout) | DVOCLK & DVOCNTL srn |
| DC_IO_dvoaclk_c | DC(dout) | Clock to used by DVOCLK pads. |
| DC_IO_dvoaclk_d | DC(dout) | Clock to used by DVODATA & DVOCNTL pads. |
| DC_IO_i2c_strength_sp(3:0) | DC(dout) | SDA, SCL strength control |
| DC_IO_i2c_strength_sn(3:0) | DC(dout) | SDA, SCL strength control |
| DC_IO_sync_strength_sp(3:0) | DC(dout) | HSYNCA/B, VYSNCA/B strength control |
| DC_IO_sync_strength_sn(3:0) | DC(dout) | HSYNCA/B, VSYNCA/B strength control |
| DC_IO_viphclk_strength_sp(3:0) | DC(dout) | VIPHCLK strength control |
| DC_IO_viphclk_strength_sn(3:0) | DC(dout) | VIPHCLK strength control |
| DC_IO_viphdat_strength_sp(3:0) | DC(dout) | VIPHDAT strength control |
| DC_IO_viphdat_strength_sn(3:0) | DC(dout) | VIPHDAT strength control |
| DC_IO_strength_sp(3:0) | DC(dout) | DDC1/2/3, GENERICA/B/C, HPD1/2 SP control |
| DC_IO_strength_sn(3:0) | DC(dout) | DDC1/2/3, GENERICA/B/C, HPD1/2 SN control |
| DC_IO_partition_scan | DC | Scan output (?) |
| DC_IO_scan | DC | Scan output (?) |
| IO_DC_xtalin | IO | Crystal Oscillator. |
| IO_DC_dvocntl_y(2:0) | IO | Value on DVOCNTL pads |
| IO_DC_dvoclk_y(1:0) | IO | Value on DVOCLK pads |
| IO_DC_dvodata_y(23:0) | IO | Value on DVODATA pads |
| IO_DC_vid_y(7:0) | IO | Value on VID pads |
| IO_DC_dvalid_y | IO | Value on DVALID pad |
| IO_DC_psync_y | IO | Value on PSYNC pad |
| IO_DC_vpclk_y | IO | Value on VPCLK pad |
| IO_DC_vipclk_y | IO | Value on VIPCLK pad |
| IO_DC_scl_y | IO | Value on SCL pad |
| IO_DC_sda_y | IO | Value on SDA pad |

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| Signal Name | Source | Description |
|---|---|---|
| IO_DC_ddc3data_y | IO | Value on DDC3DATA pad |
| IO_DC_ddc3clk_y | IO | Value on DDC3CLK pad |
| IO_DC_partition_scan | IO | Scan input (?) |
| IO_DC_scan | IO | Scan input (?) |

## 3.3 PAD_EXTERNAL_SIGNAL

An additional interface between the DC and the RBBM exists in the DCIO block. The interface allows the value of one of the GPIO registers to be sent to the RBBM through the PAD_EXTERNAL_SIGNAL signal. The GPIO pad value that is send is controlled by the DC_PAD_EXTERN_SIG_SEL field in the DC_PAD_EXTERN_SIG register field. In order to meet timing, PAD_EXTERNAL_SIGNAL is flopped once at the dispout level. The following chart shows the GPIO pad that is reflected in PAD_EXTERNAL_SIGNAL.

| doutregs_dcio_dc_pad_extern_sig_sel(3:0) | Signal driven on PAD_EXTERNAL_SIGNAL |
|---|---|
| 0000 | DC_IO_hsynca_y |
| 0001 | DC_IO_vsynca_y |
| 0010 | DC_IO_hsyncb_y |
| 0011 | DC_IO_vsyncb_y |
| 0100 | DC_IO_generica_y |
| 0101 | DC_IO_genericb_y |
| 0110 | DC_IO_genericc_y |
| 0111 | DC_IO_hpd1_y |
| 1000 | DC_IO_hpd1_y |
| 1001 | DC_IO_ddc1clk_y |
| 1010 | DC_IO_ddc1data_y |
| 1011 | DC_IO_ddc2clk_y |
| 1100 | DC_IO_ddc2data_y |
| 1101 | DC_IO_vhad_y(0) |
| 1110 | DC_IO_vhad_y(1) |
| 1111 | DC_IO_vphctl_y |

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# 4 Interface Control and Timing Diagrams

The DCIO is an asynchronous block consisting of combinational logic. The outputs are priority encoded and are updated when the inputs change. The priority is as follows:

1. Register data
2. Display or VIP data

Figure 4.1 shows the input for the A pin of the SCL pad with all three modes concurrently asserted.

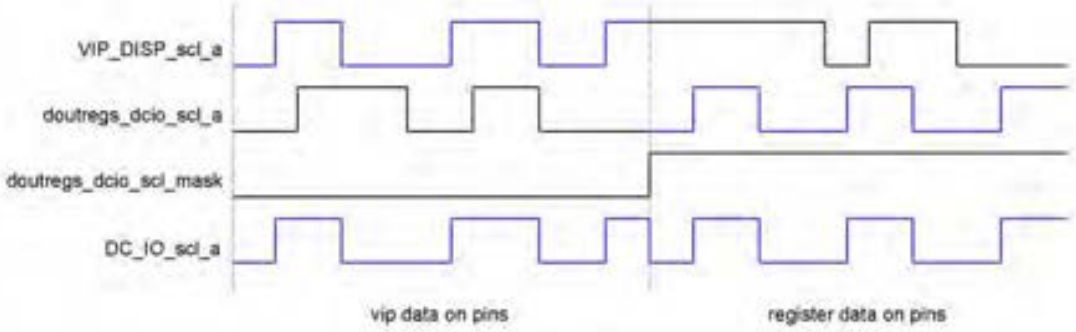



**Figure 4.1 Waveform for A pin of SCL pad**

# 5 Interface Address and Data Formats

The DCIO block consists of a series of muxes that drive the A0, OE, SEL1 and SEL0 inputs for each GPIO pad. The preliminary pad configuration is shown in Figure 5.1. The DCIO will drive the SEL(1:0) pins to either "00" (selects the A0 input) or "01" (selects the output of the flop). The select signals can be overridden at the chip level in order to drive the A1 input onto the pad or to drive the TST0 data onto the pad. When SEL(1:0) is "10" the OE pin will also have to be asserted at the chip level.

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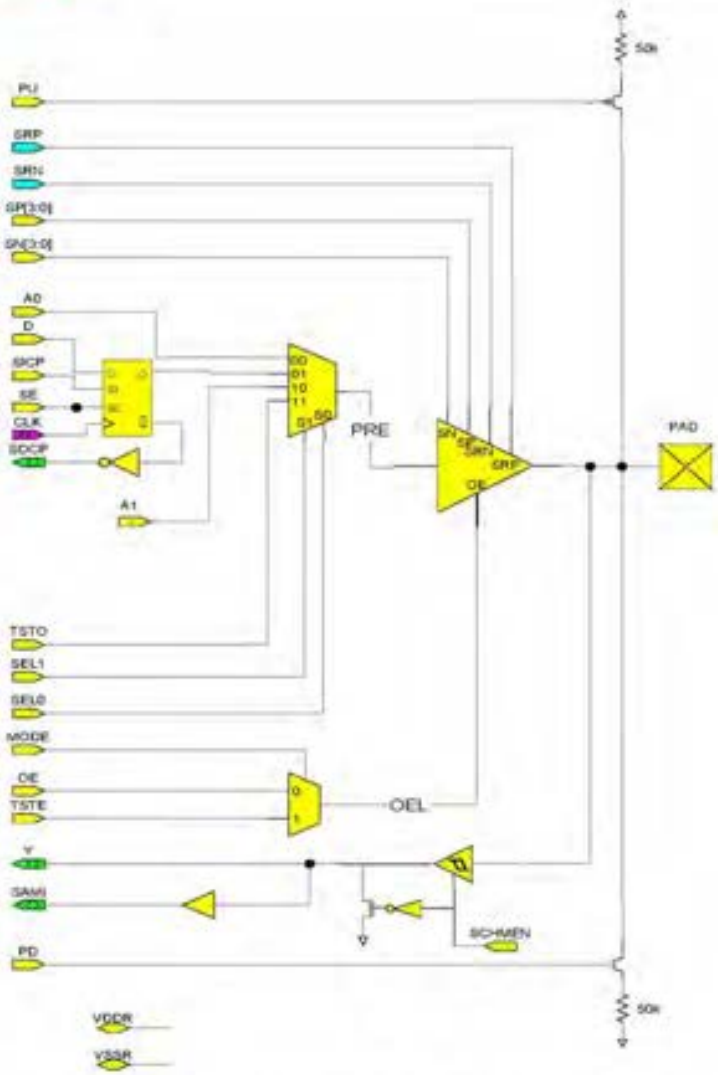



**Figure 5.1 Preliminary GPIO pad configuration.**

The DCIO contains two main A and OE interface circuits. The logic for the A pins of the DVODATA, DVOCNTL and SYNC (HSYNCA, VSYNCA, HSYNCB, VSYNCB) consists of "OR"ing the "a" signals from the registers with the "mask" bit for the associated pad. For these pads, the data from the DVO and DAC blocks goes directly to the D and CLK inputs of each pad (see Figure 5.1). In order for the DVO data to be selected the doutregs_dcio_dvo_en bit must be set to 1. The equation for SEL0 is DC_IO_dvo***_sel0 = (~doutregs_dcio_dvo***_mask) & (doutregs_dcio_dvo_en). The DVOCLK pads are a special exception. Data from these two pads can be driven by the DVO onto the D and CLK pins (as described above with doutregs_dcio_dvo_rate_sel taking the place of doutregs_dcio_dvo_en in the equation for SEL0) as well as by the DISPCLKBLK on the A and OE pins (doutregs_dcio_dvo_en acts as the enable). Although the data for the afore mentioned pads can be synchronous an asynchronous enable is still required for each pad. The OE pins for these pads are determined like the OE pins for the remaining pads, as shown in figure 5.2.

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The SYNC enables come from the DACA and DACB blocks while the DVO enables come from the DVO_EN register setting.

The data for the remaining pads goes from the display or VIP through the DCIO block. The control circuitry for those pads is shown in Figure 5.2. For the remaining pads the SEL1 and SEL0 are both zero.

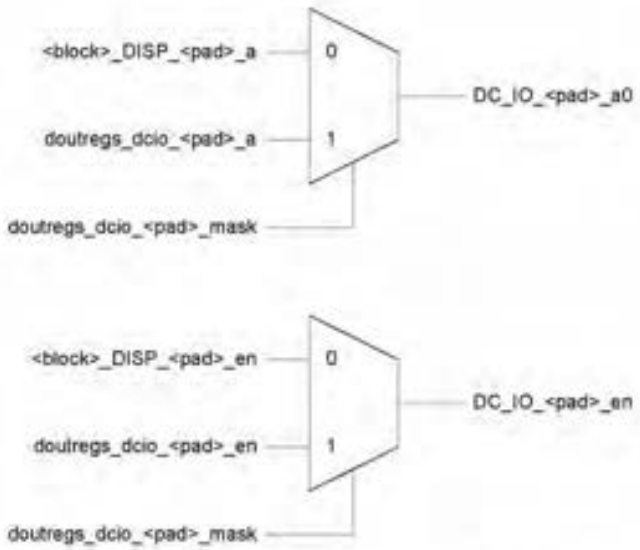



**Figure 5.2 Data and control selection muxes for non-DVO pads**

## 5.1 GENERICA & GENERICB Pads.

The GENERICA and GENERICB pads will have the following signal assignments under normal operating conditions (i.e., The register mask fields can still override these signals).

| doutregs_dcio_generica_sel(3:0) | Signal driven on GENERICA |
|---|---|
| 0000 | daca_dcio_stereosync |
| 0001 | dacb_dcio_stereosync |
| 0010 | DCCG_DOUT_pixclk_daca |
| 0011 | DCCG_DOUT_pixclk_dacb |
| 0100 | dvoa_dcio_ctl3 |
| 0101 | DCCG_DISP_p1pllclk |
| 0110 | DCCG_DISP_p2pllclk |
| 0111 | dvoa_dcio_stereosync |
| 1000 | crtc1_dout_field_number |
| 1001 | crtc2_dout_field_number |
| 1010 | tv_dout_field_number |

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| doutregs_dcio_genericb_sel(3:0) | Signal driven on GENERICB |
|---|---|
| 0000 | daca_dcio_stereosync_a |
| 0001 | dacb_dcio_stereosync_a |
| 0010 | DCCG_DOUT_pixclk_daca |
| 0011 | DCCG_DOUT_pixclk_dacb |
| 0100 | dvoa_dcio_ctl3 |
| 0101 | DCCG_DISP_p1pllclk |
| 0110 | DCCG_DISP_p2pllclk |
| 0111 | dvoa_dcio_stereosync |
| 1000 | crtc1_dout_field_number |
| 1001 | crtc2_dout_field_number |
| 1010 | tv_dout_field_number |

# 6 Design Verification Signals and Issues

Testing of the DCIO block will be done in three ways. The chip override functionality will be tested by assigning signals to the pad model externally that will emulate the chip override feature. The results will be read back from the registers. The GPIO functionality will be tested by writing to the appropriate registers. Again, the results can be confirmed by reading back the registers containing the Y pin data. The third mode (normal operation) will be tested by running display and VIP functional tests.

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# Revision Changes

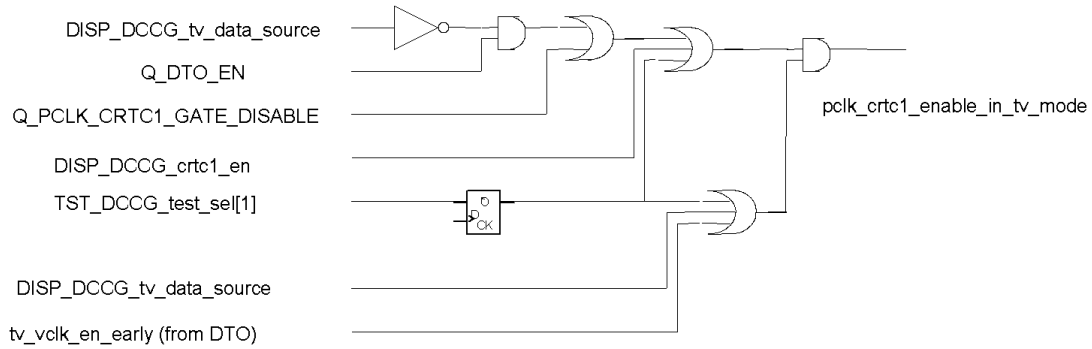
This section is optional for changes to the document before the first official release to other groups (rev 1.0). After that point, all changes must be briefly detailed in this section.

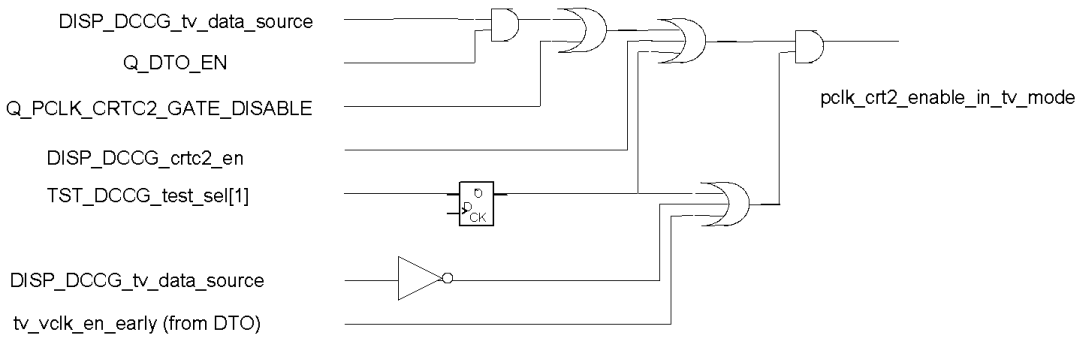
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Date: February 4, 2002
Initial revision.
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Updated document after February 13, 2002 review.
**Rev 1.0 Nat Barbiero**
Date: February 24, 2002
Updated document after resolving open issues.
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Added enable signals for hsync(a/b) & vsync(a/b) from DACA & DACB
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Date: August 8, 2002
Updated GENERICA & GENERICB data muxes.
**Rev 1.3 Nat Barbiero**
Date: November 1, 2002
Updated GENERICA & GENERICB data muxes.
Added GENERICC pad.

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**PCLK Enable Condition**



**Author:** Steve Morein, Jocelyn Houle

| **Issue To:** | **Copy No:** |
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# R400 Texture Pipe

## Version 0.9.20

**Overview:** This is the specification for the texture pipe of the R400.

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# Revision Changes

| | |
|---|---|
| **Rev 0.0 (Steve Morein)**<br>Date: January 26, 2001<br>Initial revision. | Document started |
| **Rev 0.1 (Steve Morein)**<br>Date: February 3, 2001<br>Initial revision. | Added cache details |
| **Rev 0.2 (Steve Morein)** | Hopefully this is the final design of the texture pipe, the major open issue is the bi-linear filter |
| **Rev 0.3 (Steve Morein)**<br>Date: Sometime in June | Filling in more details. |
| **Rev 0.4 (Steve Morein)**<br>**July 5, 2001** | Should be completed spec except for address generator for review. Needs some consistency checks on signals, and probably some more diagrams. |
| **Rev 0.5 (Jocelyn Houle)**<br>**September 2001** | Added LOD computation and samples walking. |
| **Rev 0.6 (Jocelyn Houle)**<br>**October 9, 2001** | Added top-level diagram.<br>Fleshed out the features in the Overview. |
| **Rev 0.7 (Jocelyn Houle)**<br>**October 11, 2001** | New Block Descriptions. |
| **Rev 0.8 (Jocelyn Houle)**<br>**October 12, 2001** | Major reorganization of sections. |
| **Rev 0.8.5 (Jocelyn Houle)**<br>**October 14, 2001** | Cleaning up of interfaces. Removed duplicates. |
| **Rev 0.8.6 (Jocelyn Houle)**<br>**October 16, 2001** | Further cleaning.<br>Removed PRINT field. |
| **Rev 0.8.7 (Jocelyn Houle)**<br>**November 6-9, 2001** | Introduction of TC. Changed many interfaces. |
| **Rev 0.8.8 (Jocelyn Houle)**<br>**November 12, 2001** | Stripped TC-related sections. |
| **Rev 0.8.9 (Jocelyn Houle)**<br>**November 14, 2001** | Added arbitrary filter scheme diagrams. |
| **Rev 0.9.0 (Jocelyn Houle)**<br>**December 5, 2001** | Renamed the file for better consistency. |
| **Rev 0.9.1 (Jocelyn Houle)**<br>**December 10-14, 2001** | Extensive rewriting (blending, spec.ops, etc.). |
| **Rev 0.9.2 (Jocelyn Houle)**<br>**January 9, 2002** | Updated TC interfaces.<br>SP←TC interface described.<br>Pre-filter FIFO more complete.<br>Minor corrections here and there. |
| **Rev 0.9.3 (Jocelyn Houle)**<br>**January 23, 2002** | Updated interfaces to match current specs.<br>Added comments on various issues.<br>Described LOD optimization approach.<br>Added diagrams. |
| **Rev 0.9.4 (Jocelyn Houle)**<br>**February 7, 2002** | Added 32-bit channels to blending merge logic.<br>Described mathematical fundations behind. |
| **Rev 0.9.5 (Jocelyn Houle)**<br>**February 12, 2002** | Added WR_MASK_{XYZW} in SQ←TPC interface. |
| **Rev 0.9.6 (Jocelyn Houle)**<br>**February 20, 2002** | Better description of filter in TPB. |
| **Rev 0.9.7 (Jocelyn Houle)**<br>**March 12, 2002** | Better mipmap packing explanation.<br>Moved Addressing in a Varia section.<br>Changed some sub-block names. |
| **Rev 0.9.8 (Jocelyn Houle)**<br>**March 22, 2002** | Updated SQ<->TP and SP<->TP interfaces. |
| **Rev 0.9.9 (Jocelyn Houle)** | Inserted complete size restriction from .xls file. |

| | |
|---|---|
| **April 1, 2002** | |
| **Rev 0.9.10 (Jocelyn Houle)** | Wrapping/Clamping description. |
| **May 1, 2002** | TP->TC interface suggestion. |
| **Rev 0.9.11 (Jocelyn Houle)** | Table lookup description for trilinear optimization. |
| **May 3, 2002** | LOD pseudo-code modification. |
| **Rev 0.9.12 (Jocelyn Houle)** | Updated all the external interfaces. |
| **May 29, 2002** | |
| **Rev 0.9.13 (Jocelyn Houle)** | New suggested output formatter. |
| **June 21, 2002** | |
| **Rev 0.9.14 (Jocelyn Houle)** | Various updates. |
| **September 18, 2002** | |
| **Rev 0.9.15 (Jocelyn Houle)** | Updated TP_TC interface. |
| **October 11, 2002** | |
| **Rev 0.9.16 (Jocelyn Houle)** | Better description of LOD computation. |
| **December 20, 2002** | Updated pseudo-code.<br>Update TP_TC interface (pitches). |
| **Rev 0.9.17 (Jocelyn Houle)** | Minor corrections and additions to the LOD |
| **December 20, 2002** | computation. |
| **Rev 0.9.18** | Added replication table and explanations. |
| **January 7, 2003** | |
| **Rev 0.9.19** | Updates replication table to account for formats 54- |
| **February 10, 2003** | 56 (2_10_10_10, 10_11_11, 11_11_10 as 4x16). |
| **Rev 0.9.20** | Described rounding for point mipmaps. |
| **February 11, 2003** | |

# Open issues

(not all the open issues have or will be moved up here, see subblock level open issues in this version of the document)

1) What support is needed for motion compensation (DROPPED)
2) Do we add explicit support for motion vector detection? I have a couple of ideas for logic in parallel with the texture filter (DROPPED)
3) Can we get away with a single base address for cube maps? (YES)
4) Do we want to support a semi-log format for textures? Rather than convert the float coordinate into integer by multiplying by the texture size, take some exponent bits and some mantissa bits. This will be useful for implementing function lookups. (NO, BUT MULTIPLY IS ONLY DONE WITH THE FRACTIONAL PART)
5) Need to clean up in the signal tables how I describe the fractional texel position and the flip bits. The description in the weight generation block is most accurate.
6) Need to figure out the strategy for pipelining through texture state, as well as what it is.
7) Need to work out how error flags get communicated to ensure that we properly handle illegal memory accesses.
8) Need to add the signal that we pass through the texture pipe that the shader pipe/sequencer uses to determine when an alu clause can execute.
9) Programmable anisotropy only in shader, or can we still send LOA+nSamples? [SetGradients does that]

Big open issue: I have been assuming we always process 16 pixels in order, and then go back and do another pass. I have been now convinced we now need to seriously consider, for large filters and anisotropy switching to a model where we process n samples from one pixel and then go on to the next pixel. This adds complexity, but will significantly improve the texture cache performance, and allow for a smaller memory structure for the large filter operations (but will restrict us to multiples of 4x4 for maximum efficiency). In the easiest implementation it will also restrict us to 1 sample and a multiple of four samples for anisotropy, not clear what artifacts will result. For the most part this version of the spec assumes that this is what we are doing.



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# 1. Introduction

The texture pipe is the logic that is mainly responsible for fetching texels (pixels of textures) and vertices requested by a shader program through the Shader Pipe (SP). It benefits from an important bandwidth to memory through a Texture Cache (TC), which tries to limit the overall memory requirements.

## 1.1 Features

### 1.1.1 Texture dimensions

The texture pipe has to support 1D, 2D, and 3D textures. The following table summarizes the supported sizes.

| | Maximum Texture Sizes | | | |
|---|---|---|---|---|
| | Normalized | | Unnormalized | |
| | w/o border | w/ border | w/o border | w/ border |
| 1D | 8K | 8K-2 | 16M[1] | 16M-2 |
| 2D | 8Kx8K | (8K-2)x(8K-2) | 8Kx8K | (8K-2)x(8K-2) |
| 3D (<=64 bit texels) | 2Kx2Kx1K | 2Kx2Kx1K | 2Kx2Kx1K | 2Kx2Kx1K |
| 3D (128 bit texels) | 2Kx2Kx1K | 2Kx2Kx(1K-2) | 2Kx2Kx1K | 2Kx2Kx(1K-2) |
| Cube | 8Kx8K | (8K-2)x(8k-2) | 8Kx8K | (8K-2)x(8K-2) |
| Noise (not supported anymore) | 4Kx4Kx4K | N/A | 4Kx4Kx4K | N/A |

All texture dimensions, except when specified, can take any value. We intend to have full support for non-power-of-2 texture sizes. All wrapping policies are supported when texture coordinates are normalized, i.e in the typical range of [0, 1). When texture coordinates are sent denormalized (range of [0, dim)), then repeating and mirroring policies cannot be applied. When such a case occurs, the hardware considers the coordinate to be normalized. This enables normalized and denormalized texture coordinates to coexist in a texture fetch.

### 1.1.2 Texture formats

Textures are converted in the TD block into a limited number of formats. Those limited formats are listed here; refer to the TC spec for the complete list of supported texture formats.

The TP←TC path being 32-bit per texel, we can support the following channel sizes every clock:

- 4 x 8-bit channels
- 2 x 16-bit channels
- 1 x 32-bit channel

We may need to have direct support for 10:10:10:2 and 11:11:10 instead of having the TD block convert into 16:16:16:16. This in an increase in area, but will be required if their use appears popular as the current plan results is half speed operation. Another solution is to have the de-gamma logic in the TD which would convert a 10:10:10:2 to an 8:8:8:8 which gives an equivalent quality (or close) but without the half-speed hit.

Every channel can be independently signed or unsigned. Typical usage is integer format, with 2's complement being used when the channel is signed. Biased values are also supported, and represent another way of representing a signed value.

Floating-point values of 16 or 32 bits can be passed through, without being filtered. This is typically used for vertex fetching. Optionally, we can enable filtering to be used on 16-bit floating-point values by expanding them to an s7.24 fixed-point format. The range of the float is therefore clamped to [-128, 128).

Repeating fractions are also supported. Two parameters, namely NUM_FORMAT and SIGNED_RF_MODE, give further information on how the range gets interpreted. We support two signed repeating fraction formats: one representing [-1, 1] but excluding 0, and a second one representing 0, but extending past -1.

[1] Maximum floating-point precision the SP can provide

Here is a table giving an idea of the various representation of the same bits. Letter 'u' and 's' represent sign; a trailing 'b' indicates a biased number. INT or RF represent integer or repeating fractions, respectively. Finally, ZCMO and NZ represent the two RF flavours supported (ZERO_CLAMP_MINUS_ONE and NO_ZERO).

| ex: N=4 | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| dec | hex | bin | uINT | sINT | uINTb | uRF | sRF (ZCMO) | sRF (NZ) | uRFb (ZCMO) | uRFb (NZ) |
| 0 | 0 | 0000 | 0 | 0 | -8 | 0 | 0 | 1/15 | -1 | -1 |
| 1 | 1 | 0001 | 1 | 1 | -7 | 1/15 | 1/7 | 3/15 | -1 | -13/15 |
| 2 | 2 | 0010 | 2 | 2 | -6 | 2/15 | 2/7 | 5/15 | -6/7 | -11/15 |
| 3 | 3 | 0011 | 3 | 3 | -5 | 3/15 | 3/7 | 7/15 | -5/7 | -9/15 |
| 4 | 4 | 0100 | 4 | 4 | -4 | 4/15 | 4/7 | 9/15 | -4/7 | -7/15 |
| 5 | 5 | 0101 | 5 | 5 | -3 | 5/15 | 5/7 | 11/15 | -3/7 | -5/15 |
| 6 | 6 | 0110 | 6 | 6 | -2 | 6/15 | 6/7 | 13/15 | -2/7 | -3/15 |
| 7 | 7 | 0111 | 7 | 7 | -1 | 7/15 | 1 | 1 | -1/7 | -1/15 |
| 8 | 8 | 1000 | 8 | -8 | 0 | 8/15 | -1 | -1 | 0 | 1/15 |
| 9 | 9 | 1001 | 9 | -7 | 1 | 9/15 | -1 | -13/15 | 1/7 | 3/15 |
| 10 | A | 1010 | 10 | -6 | 2 | 10/15 | -6/7 | -11/15 | 2/7 | 5/15 |
| 11 | B | 1011 | 11 | -5 | 3 | 11/15 | -5/7 | -9/15 | 3/7 | 7/15 |
| 12 | C | 1100 | 12 | -4 | 4 | 12/15 | -4/7 | -7/15 | 4/7 | 9/15 |
| 13 | D | 1101 | 13 | -3 | 5 | 13/15 | -3/7 | -5/15 | 5/7 | 11/15 |
| 14 | E | 1110 | 14 | -2 | 6 | 14/15 | -2/7 | -3/15 | 6/7 | 13/15 |
| 15 | F | 1111 | 15 | -1 | 7 | 1 | -1/7 | -1/15 | 1 | 1 |
| range | | | [0..16) | [-8..8) | [-8..8) | [0..1] | [-1..1] | [-1..1] | [-1..1] | [-1..1] |

Whenever a texture format requires more than 32 bits coming back from the TC, the TP multicycles in order to automatically get all channels. This multicycling is done in order to reduce the number of instructions in the shader program, as well as to prevent recompilation when texture format changes.

### 1.1.3 Filtering

Filtering is only supported on fixed-point data. Floating-point data, or other oddities need to be brought in as point sampled data.

The various filtering operations supported are:

- Point samples
- Bilinear samples
- Trilinear samples
- Quadlinear samples (mipmapped volume textures)
- Anisotropic samples (using bilinear, trilinear, or arbitrary samples)
- Arbitrary 4x4 separable filters (1/4 speed) (full SGIS_TEXTURE_FILTER4 ext. support)
- Arbitrary 4x2 separable filters (1/2 speed)
- Arbitrary NxM separable filters (at 2 to 4 samples per pixel per clock)

Shader code also has full control of filtering through the use of point sampling, sample offsets (in texels), and mipmap LOD variables (actual LODs, horizontal and vertical gradients, etc.). Shader programs can therefore be written to work around and above current filters. This is actually how arbitrary NxM filters are done.

Border color is supported at full speed when it is black or white. Other colors are supported only by the use of supplemental shader code (namely, with a white fetch that returns the fraction of "true" *vs.* "border" texels for the pixel).

Border texels are natively supported through the use of non-power-of-2 textures that directly contain the border texels.

Support for arbitrary non-separable filters has been dropped. Same goes for SAD computations.

Chroma key support has been completely dropped (so did DX8). If need be, it can be supported through the use of textures with alpha and texkill.

### 1.1.4 Vertex fetching

The texture pipe can be used to fetch vertices. Although a texture fetch with floats as channels is a workable solution, there is also a more specialized VFetch instruction, which gives more versatility in terms of stride and DWORD selection (offset).

A special fast mode exists in order to return a 4x32-bits float format at half speed instead of the one-fourth speed, which would typically be the case (since every channel is 32 bits). This is possible because neither blending, nor format conversion is required; the bits are only passed through the TP←TC return path, which is 64 bits per pixel.

## 1.2 Overview

The texture pipe is responsible for feeding the shader pipe in texels as well as vertices. All requests originate from the shader pipe(s). The shader pipe sends requests for a 2x2 quad. There are 4 of those every clock (we have 4 super-shader-pipes), each of which is handled by a distinct texture pipe.

Since all the shader pipes work on the same texture, there is common information that is shared through the TPs. The shared information is sent through a different interface to a Texture Pipe Control (TPC) block. The TPC is also responsible for synchronizing the TPs together (e.g. when their loads are unequal).

Every texture pipe works on all four pixels of the quad in parallel, except for the mipmap LOD computation, which is shared for the whole quad, as well as the TC interface, which is shared among all the texture pipes. Once the LOD is computed, the texture pipe starts generating samples, with consideration to mipmapping, texture dimensionality (1D, 2D, 3D), and filtering requirements (linear, arbitrary, anisotropic).

For performance issues, the texture needs to be cached. This step is done right after texel addresses are generated, and right before the texel values are blended together. Some FIFO will be needed in order not to block the texture pipe with long latency requests (AGP textures, for instance). This caching is now done in a dedicated Texture Cache (TC) block, which includes the Texture Decompression (TD).

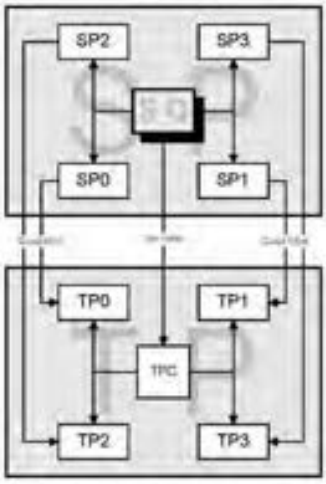



**Figure 1 SPs→TPs data paths**

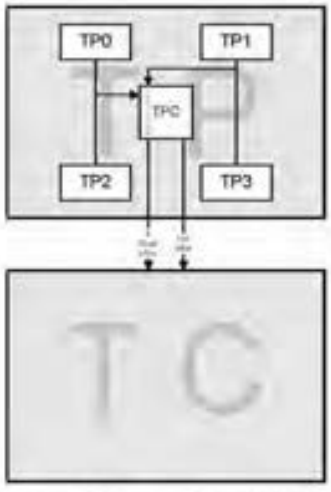



**Figure 2 TPs→TC data paths**

Once texels come back from memory, the TP can blend them together. Depending on the filtering being used, a variable number of texels get weighted and accumulated together. Of course, for the case of vertex fetching, no blending is necessary.

Once the texels are blended together, the TP returns one floating-point vector of 4 components per pixel of each quad.

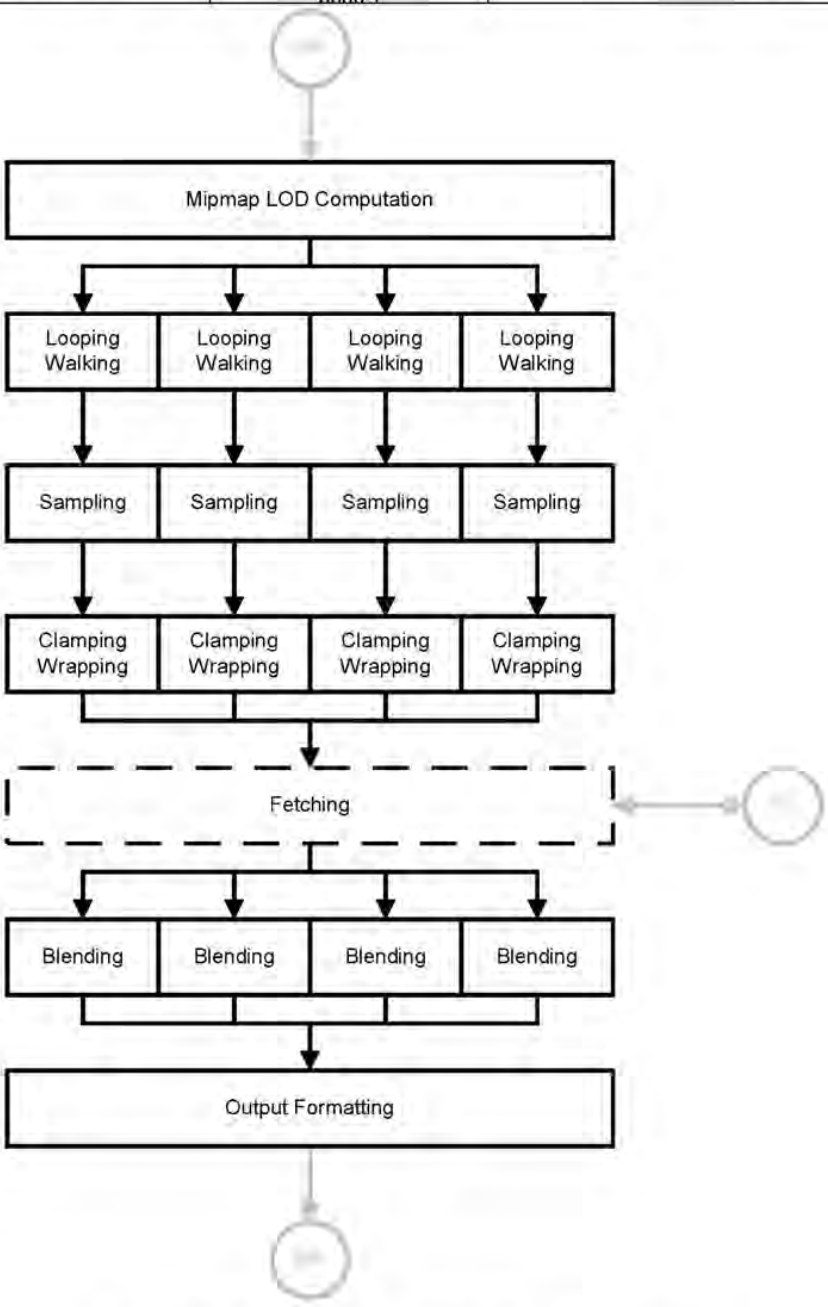



**Figure 3: Top-level diagram of a single texture pipe.**

The procedure of the texture pipe is as follows:

1. Receive a quad of information (2x2 pixels) from the shader pipe
2. Compute the mipmap LOD for all the pixels of the quad (shared)
3. Generate sample positions using nested loops for color, mipmaps, Z layers and anisotropy
4. Convert those samples into texels with consideration to filtering used (point-sample, linear, arbitrary)
5. Apply wrapping and clamping policy to the texel positions
6. Fetch 4 texels/pixel in memory through the TC (full speed bilinear)
7. Queue up the requests in a FIFO waiting for the TC to fulfill all pending requests
8. Blend the returning texels using control bits stored in the FIFO (format, weights, etc.)
9. Return the result to the shader pipe (converts the result into 32-bit floating-point values)

### 1.2.1 Mipmap LOD Computation

Using the four texture coordinates of the quad, computes partial derivatives of each texture coordinate (s, t, and r) for each of the quad's two dimensions (horizontal and vertical). The mipmap LOD is used later (TC) to offset the texture's base address in order to access a single map of the monolithic mipmap chain.

### 1.2.2 Looping and Walking

This step consists in looping color, mipmaps, Z layers, and anisotropy samples in order to generate a series of positions throughout the texture.

### 1.2.3 Sampling

Every sample takes one or more texels on the texture and blends them together to get a single texel. The various sampling schemes are point (or nearest) sampling, linear (or bilinear, in 2D) sampling, and arbitrary sampling (used in the bicubic samples).

### 1.2.4 Clamping/Wrapping

Every sample yields one or more texels. Clamping (a.k.a. wrapping) is responsible for restricting those samples to stay inside the texture map's valid range (i.e. inside the width and height). It is during this step that the floating-point texel coordinate is converted to a fixed-point texel index (requires a full multiplier because of non-power-of-2 textures).

Since texels of a same sample are a few texels off the center texel index, only one texel index, the "primary" position, is going to be generated by the multiply. The other texels, the "secondary" positions, are going to be generated by simple integer offsets of that primary texel. This will effectively simplify the required float-to-fixed conversion hardware (only done for the primary), as well as the wrapping logic (simpler for the secondaries).

Border color and border texel detection is also done during this step.

### 1.2.5 Fetching

The fetching section of the TP consists in the interface layer of texel requests to the TC. It also contains latency FIFOs that are used to store the information needed to do the blending once the texels come back from the TC. All texel requests from all the texture pipes are sent simultaneously, with common fields (texture offsets, formats, and such) sent through the TPC.

It is also here that that multi-cycling is done when wide formats are used (i.e. when all the color channels don't fit into the 32-bit return path of the TC). This should give the best cache performance, since the TC writes all four channels, regardless of the their size.

### 1.2.6 Blending

Blending consists in merging multiple texels into a single one. For point sampling, no blending is necessary since the sample is composed of a single texel. For bilinear samples (2 or 4 texels), a special lerp unit, able to support signed values, is used to do efficient blending.

In order to merge mipmap levels, Z layers, as well as anisotropy samples, a multiply-and-accumulate unit is going to be used. The sample's texel is scaled using a weight (Texture Temporary Weight, or TTW), and accumuluted into a stored value (Texture Temporary Store, TTS).

### 1.2.7 Output Formatting

This final step consists in converting any internal format to 32-bit floats, for each of the possible four channels. This lets us have a narrower bus from TPs to SPs.

# 2. (TPL) – LOD Computation

Mipmap level-of-detail computation accounts for the pixel-to-texel mapping ratio. It requires computing the partial derivative of the texture coordinates. A single sample doesn't give enough information by itself; we reuse the surrounding pixels' texture coordinates to compute those derivatives. That is the reason mipmap LOD computation is done on a quad basis: the 2x2 quad contains enough texture coordinates to approximate the derivative of every texture dimension.

Since anisotropy changes the way LOD is computed, we also compute the various values needed for that. We can then compute the various texels we fetch from memory. This is done in the walking and sampling phase.

## 2.1 Overview

The LOD computation is done through a series of stages.

### 2.1.1 Gradients calculation

Gradients are computed using the incoming (X, Y, Z) coordinates, using 32-bit floating-point numbers. The results are 6 gradients (d{xyz}d{hv}) stored in 16-bit floats, which will ease log2 approximation later.

#### 2.1.1.1 Gradients correction

Because multisampling doesn't necessarily sample at a regular interval, the pixel-to-texel ratio used in LOD calculation ends up being skewed. The correction corresponds to evaluating a plane equation using 3 pixels of a quad. New gradients are derived from the computed ones, and correction factors stored in a static table in hardware. For that reason, the sampling pattern must be fixed and known in advance.

#### 2.1.1.2 Gradients exponent adjustment

A special exponent adjust is applied to the gradients in order to bias the computed LOD. This functionality should only be used for interleaved rendering (multichip architectures) as well as non-square super-sampling patterns (e.g. a 4x2 pixel).

GetGradients should return the value computed right after this step. SetGradients would work here also, but since we don't want to carry the bits needlessly throughout pipeline stages, we do that above (as soon as we get the data). If USE_REG_GRADIENTS is set in the instruction, then the gradients computed here are replaced by the one stored previous using the SetGradients{HV} instructions. Since we have a single gradient register per quad, only the top left pixel is kept.

### 2.1.2 Length approximation

This stage computes a 3D length approximation; one for horizontal gradients, and another one for vertical gradients. This computation is all done in log scale, and is inspired by what the R300 did, only converted into log scale. The pseudo-code for this is given below.

#### 2.1.2.1 Dimension accounting

Before computing the length, we must multiply the gradients with the appropriate texture dimension. To avoid an expensive multiplier, this is also done in log scale.

### 2.1.3 Computed LOD

Once we computed the 3D length, we effectively end up with 2 potential LODs: one horizontal, and one vertical.

#### 2.1.3.1 Simple MAX selection

When anisotropy is disabled, the final LOD is the largest of the candidates. This has the effect of using a square large enough to cover all of the area under the sample position, and potentially even more, overblurring instead of undersampling.

#### 2.1.3.2 Anisotropy calculations

If anisotropy is used, we separate the 2 candidates into a major and minor axis. The line of anisotropy follows the major axis, and the anisotropy ratio used in the ratio major/minor. The LOD used is the one

given by the minor axis (sharper level). Some special cases must be taken care of, and is described in the code below.

Once the LOD is computed, we have a single LOD value, along with some anisotropy value (ratio, and 2 derivatives representing the line) when appropriate.

### 2.1.4 LOD Biases

This computed LOD ($LOD_{comp}$) is only one of four possible LOD values that can compose the final LOD. The others are:

- $LOD_{const}$: the LOD bias stored in the texture state
- $LOD_{instr}$: the LOD bias sent in the instruction (averaged per quad)
- $LOD_{reg}$: the LOD bias stored in a register and loaded using a shader instruction (averaged per quad)

The final LOD is computed by adding all four LOD components together, with $LOD_{comp}$ and $LOD_{reg}$ having booleans to conditionally disable their use (`USE_COMP_LOD` and `USE_REG_LOD` respectively); the other two must be set to zero in order for them not to influence the LOD. The final equation is therefore:

$$LOD = USE\_COMP\_LOD \times LOD_{comp} + USE\_REG\_LOD \times LOD_{reg} + LOD_{instr} + LOD_{const}$$

The final theoretical LOD must be clamped to valid values. These bounds, which might be user-specified, must always fall between the strict [0, m] range, where m is the maximum number of LODs the texture currently has. This is after summing all LOD components.

Also, if the theoretical LOD is negative, it means we are doing magnification, and the appropriate filter must be used.

Every term is common for a whole quad, except for the LOD register, which can be one per pixel. This means we can potentially end up with 4 different LODs after applying the biases, but this only happens if USE_REG_LOD is set.

### 2.1.5 LOD Clamping

Once minification/magnification is determined, we must clamp the LOD inside a valid range.

#### 2.1.5.1 User-specified range

The first range is user-specified range, which is specified through the constant. The MAX_MIP_LEVEL should be applied last, so that it has precedence in the cases where values contradict. For example, if the MIN is 3 but the MAX is 2, then the MAX will be honored.

#### 2.1.5.2 Valid range from dimension

The next range to clamp is the valid LOD range, which is [0, lg2(dim)] range. This effectively means a mip level is only valid from the base map (0) to the last mip level (the 1x1). For example, a 16x16 texture must strictly be between mip levels 0 and 4 inclusive; no other exist. The clamping cannot yield a contradicting set of MIN and MAX values since the size must be at least 1.

#### 2.1.5.3 Base-map

If the MIP_FILTER is set to BaseMap, then we set the final LOD to be 0.

#### 2.1.5.4 Point-sampled mipmaps

If the MIP_FILTER is set to Point, we need to round the computed mip level. This is done by doing `floor(mip_clamped + 0.5)`. The OpenGL spec states that the mip level should be `ceil(mip_clamped + 0.5) - 1`, but since our log2 approximation of a tad down, we don't need to do this. It is to be noted that the tri-juicing logic can be used to accomplish that add.

#### 2.1.5.5 Tri-juicing

Trilinear filtering requires doing two bilinear fetches: one for each mipmap level around the LOD. Earlier chips had the ability to clamp the fraction used for the trilinear blending in order to do a single bilinear fetch instead of two. Unfortunately, such an approach shows a stepping between the mipmap levels.

The R400 uses another approach which was also used on the R300. It essentially does the same thing while avoiding discontinuities.

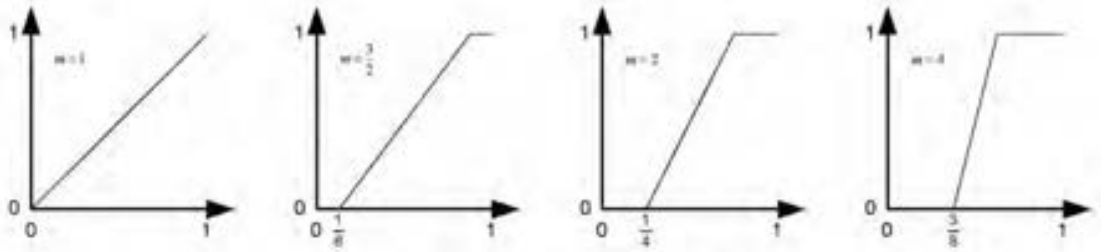


**Figure 4 Mipmap weight remapping function**

The idea is to specify the slope we actually want to have. With that slope, we can actually use the classic equation y = mx + b, which would be y = mx + (1 – m)/2. By evaluating that equation, we get the new weight to use. If that weight is negative, we clamp to 0. If it is larger than 1, then we use 1 (which we add to the integer mip level). This effectively reduces the range where the weight forces trilinear to sample 2 maps, but it also keeps a gradual progression of the fraction.

| TRI_JUICE | FINAL MIP WEIGHT |
|---|---|
| 0: Starts at 0 | mipW = mipW |
| 1: Starts at 1/6 | mipW = CLAMP(mipW*1.5 – 0.25) |
| 2: Starts at 1/4 | mipW = CLAMP(mipW*2.0 – 0.50) |
| 3: Starts at 3/8 | mipW = CLAMP(mipW*4.0 – 1.50) |

### 2.1.6 Minification/Magnification Determination

A texture is magnified if the theoretical LOD is less than or equal to 0. Since the LOD was previously clamped to at least 0, then we only need to compare with 0. If the LOD is non-zero, then the filter logic should use what the minification filters specify.

## 2.2 Computed LOD Pseudo-code

```
//INPUTS
float x0, y0, z0;      //Normalized texture coordinates for the quad
float x1, y1, z1;
float x2, y2, z2;
float x3, y3, z3;

int w, h, d;           //Texture dimensions

//OUPUTS
float lod_comp;        //The computed mipmap LOD (not bounded, with fractional part)
int   aniso_2;         //The number of samples to take each side (1/2 anisotropy ratio)
float adx, ady, adz;   //The steps we take on each dimension for every sample

//TEMPORARIES
float dxdh, dydh, dzdh, dxdv, dydv, dzdv; //The partial derivatives
float lg2dxdh, lg2dydh, lg2dzdh,          //Absolute of the partial derivatives in log scale
      lg2dxdv, lg2dydv, lg2dzdv;
float lg2dh, lg2dv;                       //Quad's partial derivatives in log scale
float lg2d, lg2h, lg2h;                   //The texture dimensions in log scale
float lg2major, lg2minor;                 //Anisotropy axis in log scale
float lg2aniso;                           //Anisotropy ratio in log scale
float det;                                //Determinant, for 45deg aniso prob
float lg2det;                             //Determinant, in log space

//We need to keep the sign for the line of anisotropy
dxdh = (x1 - x0);
dydh = (y1 - y0);
dzdh = (z1 - z0);

dxdv = (x2 - x0);
dydv = (y2 - y0);
dzdv = (z2 - z0);

//Correct for multisampling
```

```
if( isMultiSampled )
{
    //Get A B C D from ROM using 9 bits input (lod_correct)
    dxdh = dxdv*A - dxdh*B;
    dydh = dydv*A - dydh*B;
    dzdh = dzdv*A - dzdh*B;

    dxdv = dxdh*C - dxdv*D;
    dydv = dydh*C - dydv*D;
    dzdv = dzdh*C - dzdv*D;
}

//EXPORT GRADIENTS HERE (GET_GRADIENTS)

//Convert the texture dimensions in log scale
lg2w = log2(w);
lg2h = log2(h);
lg2d = log2(d);

//This is equivalent to multiplying d(xyz)d(hv) by the appropriate dimension (whd)
lg2dxdh = lg2(abs(dxdh)) + lg2w;
lg2dydh = lg2(abs(dydh)) + lg2h;
lg2dzdh = lg2(abs(dzdh)) + lg2d;

lg2dxdv = lg2(abs(dxdv)) + lg2w;
lg2dydv = lg2(abs(dydv)) + lg2h;
lg2dzdv = lg2(abs(dzdv)) + lg2d;

//Approximate the 3D length (see below)
lg2dh = approxLength(lg2dsdh, lg2dtdh, lg2drdh);
lg2dv = approxLength(lg2dsdh, lg2dtdh, lg2drdh);

//Set major and minor axises
if( lg2dh > lg2dv )
{
    lg2major = lg2dh;
    lg2minor = lg2dv;
    adx = dxdh; ady = dydh;
}
else
{
    lg2major = lg2dv;
    lg2minor = lg2dh;
    adx = dxdv; ady = dydv;
}

if( isDoingAnisotropy )
{
    //Compute the determinant
    float det = fabs(dsdx*dtdy - dsdy*dtdx);// + 1e-15; removes 0 case?
    lg2det = log2(det) + lgw + lgh;

    if( lg2det <= -INFINITY ) //det was 0
    {
        lg2aniso = INFINITY; //very large value to force very small lg2minor
    }
    else
    {
        //Unmaxed anisotropy ratio
        lg2aniso = lg2major*2 - lg2det; //-1?
    }

    if( lg2aniso > lg2MaxAniso )
    {
        //Maxing out anisotropy ratio while preserving area
        lg2aniso = lg2MaxAniso;
        lg2minor = lg2major - lg2aniso;
    }
    else
    {
        lg2minor = lg2det - lg2major;
    }

    if( lg2minor < 0 )
    {
        //Forcing lower ration when hitting base map
        lg2aniso = max(0, lg2aniso+lg2minor);
```


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```
        lg2minor = 0;
    }

    aniso_2 = pow(2, lg2aniso-1);  //Number of samples on each side of the middle one [0, 8]

    //Set adx and ady to represent stepping between samples
    if( aniso_2 > 0 )
    {
        float sf = 1.0/(2*aniso_2);  //Probably stored in a lookup table
        adx *= sf;  ady *= sf;
    }

    lod_comp = lg2minor;
}
else //!isDoingAnisotropy
{
    aniso_2 = 0;
    //No need to set adx and ady to 0 since we won't use them

    lod_comp = lg2major; //Or you could set lg2aniso to 0, and share the subtract path
}

//GetCompTexLOD SHOULD USE lod AS THE DATA COMING BACK

//RETURN lod_comp, aniso_2, adx, ady
```

The function `approxLength(lg2A, lg2B, lg2C)` is the following:

```
//Find the maximum, penultimate, and minimum of the three values
//(let's call them lg2max, lg2pen, and lg2min)

tmp = lg2max;
if(lg2pen > -INFINITY)    //Equivalent to pen > 0
{
    tmp += pow(2, lg2pen - lg2max - 1);
}
if(lg2min > -INFINITY)    //Equivalent to min > 0
{
    tmp += pow(2, lg2min - lg2pen - 2);
}
return tmp;
```

# 3. (TPLW) – Looping and Walking

Once we have the LOD computed, we can start fetching actual texels. This is done using a series of nested loops. Every loop typically fixes one value into an integer, and defines the weight associated with all the sample of that loop. That weight is then used in the texture temporary in order to accumulate every value. Texture fetches related to the same mipmap level or Z-layer are grouped together in order to optimize cache efficiency.

## 3.1 Color (1, 2, 4)

The color loop takes care of sequentially requesting channel data when color is greater than 32 bits. It is the outermost loop since it reduces the FIFO required prior to the output formatter. It also gives the best L1 behavior in terms of temporal locality (we can reuse last clock's red channels instead of replacing them with green).

## 3.2 Mipmaps (1, 2)

The mipmaps loop considers the mipmap filter, and executes 1 or 2 times. Every mipmap is 1D, 2D, or 3D, according to texture dimensions. A weight is applied to every mipmap sampled using texture temporary. Therefore, it sets the mipmap level to an integer value, with a corresponding weight.

To improve performance, we consider looping mipmaps by always starting on the even mipmap, and then the odd. This will help improve L2 performance in the TC, since all the fetches associated with mipmap level *n* will be done at the same time.

### 3.3 Layers (1, 2)

Since mipmaps can be up to 3D, we decided to loop layers after mipmaps. Layers looping is only useful for 3D textures, where each layer corresponds to a change in Z value (maximum of 2 layers). Therefore, this step effectively fixes the Z coordinate to an integer value, and associates a weight with it. This step must take into account the clamping policy of the 3rd texture coordinate. It therefore needs to multiply the 3rd texture coordinate with the texture's depth.

### 3.4 Anisotropy (1, aniso)

Anisotropy walking takes care of all the samples of a single map (1D or 2D). When anisotropy is disabled, only one sample is taken. This approach permits to independently specify any sample scheme, and we can thus do point samples, bilinear fetches, or even arbitrary filters through the line of anisotropy.

The number of samples taken is 2*aniso_2+1 when anisotropy is on, and is only 1 when it is off (aniso_2 if equal to 0). We thus always take a middle sample, and walk symetrically on each side of it along the line of anisotropy, doing a top and bottom sample simultaneously. The weight associated with each sample is simply 1/(2*aniso_2+1), 0 <= aniso_2 <= 8.

Also, it is to be noted that because 3D anisotropy a) has rather peculiar applications, and b) would force to sample more than 2 layers of Z, we have discarded its support completely. This permits to reuse blending weight for either Z-layer or anisotropy, since we won't use both simultaneously (unless we want 2D anisotropy on 3D layers, which is correct ~2/3 of the time).

## 4. (TPS) - Sampling

Sampling consists in taking one or multiple texels on a map, and order to blend them together. It is during this stage that a texture coordinate (floating-point) is converted to texel coordinate (fixed-point). Depending of the sampling type, we could end up with 1, 2, 4, or *n* texel fetches before blending. There are three sampling types we support.

### 4.1 Point samples

Point samples are the simplest case. We simply need to compute one texel position, and no blending is necessary.

### 4.2 (Bi)linear samples

Bilinear samples (or linear for 1D textures) need to compute 4 (or 2) positions. This is done by computing the top-left position using the multiplier, and by incrementing by 1 in each dimension to get the other 3. Clamping bits must be carried through here in order to detect and correctly behave when clamping happens on these 3 samples.

### 4.3 Arbitrary samples

Similarly to bilinear samples, arbitrary samples are taken by computing a main position; four others are derived relative to this one. The difference here is that we can now span on both sides of the computed sample, which requires a more evolved clamping detection (we can now be clamped below 0 as well as above the dimension).

Sample positions are derived from a single *main* position. This main position is in fact the coordinate given by taking the floor of the texel coordinate used for the sampling (e.g. coordinate (10.9, 12.0) would yield (10, 12)). This is the only texel position that gets computed using a full multiply on the texture coordinate and the texture dimensions.

All other neighboring texels used in the filter are derived using integer deltas on the primary position. These derived texels are offsets of one (see Figure 5).

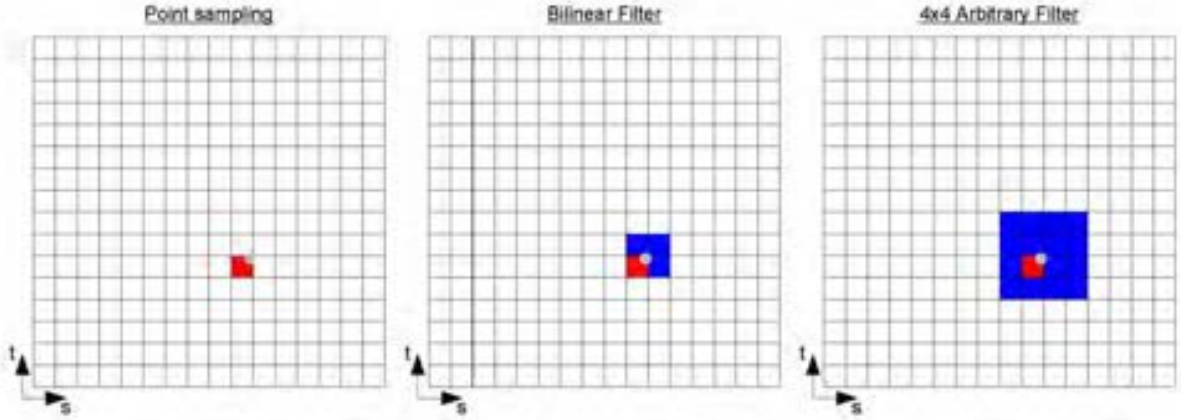



**Figure 5 Sampling comparison on main (red) and derived (blue) texels for a sampling position**

# 5. (TPCW) - Clamping/Wrapping

Every sample is composed of 1 or many texture fetches. These fetches must be converted to actual texture addresses. This is done by applying wrapping policies to the texel coordinates generated by the samples. Texel coordinates are computed by multiplying the texture's dimensions (in the current mipmap level) with the actual texture coordinate.

In order for non-power-of-2 textures to work seamlessly, we have opted to do clamping in floating-point. This requires to split the texture coordinate in two parts. The first part is the fractional part, and is the only one that is multiplied by the texture dimension. The integer part that is kept need not be complete. It is solely used to discover if we are clamping (>1 or <0), or if we are mirroring (when the lsb of the integer part is 1, in which case we must use 1-fracPart in the multiply). Both those flags are interpreted for MirrorOnce wrapping.

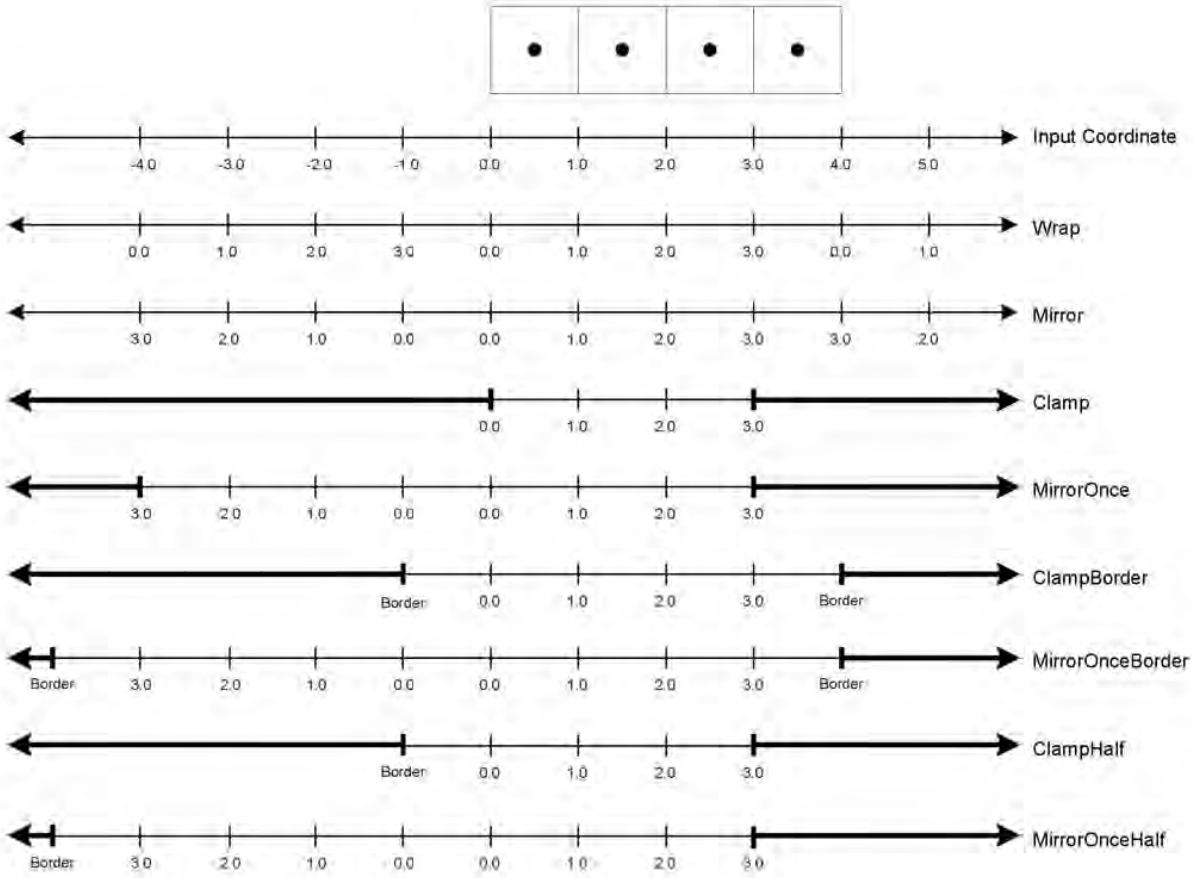
The various wrapping policies are summarized in the following table: [OUTDATED, to be replaced]

| Policy | Floating-point | Integer |
|---|---|---|
| Clamp(val, dim) | if(s < 0.0) s = 0.0<br>if(s > 1.0) s = 1.0 | if(u < 0) u = 0<br>if(v > dim-1) u = dim-1 |
| ClampToEdge(val, dim) | min = 1/(2*dim)<br>if(s < min) s = min<br>if(s > 1-min) s = 1-min | # b = border size in texels<br>if(u < b) u = b<br>if(u > dim-b-1) u = dim-b-1 |
| Repeat(val, dim) | *Keep fractional part only* | u = u mod dim |
| Mirror(val, dim) | *Keep fractional part, but*<br>*Flip on odd integer parts* | Repeat(u, 2*dim)<br>if(u >= dim) u = 2*dim-u-1 |
| MirrorOnce(val, dim) | *Flip when in range [1, 2)*<br>*and clamp otherwise* | if(abs(u) > dim) u = dim-1<br>else Mirror(u, dim) |

The wrapping policies, which are identical to the R300, are summarized in the figures below.

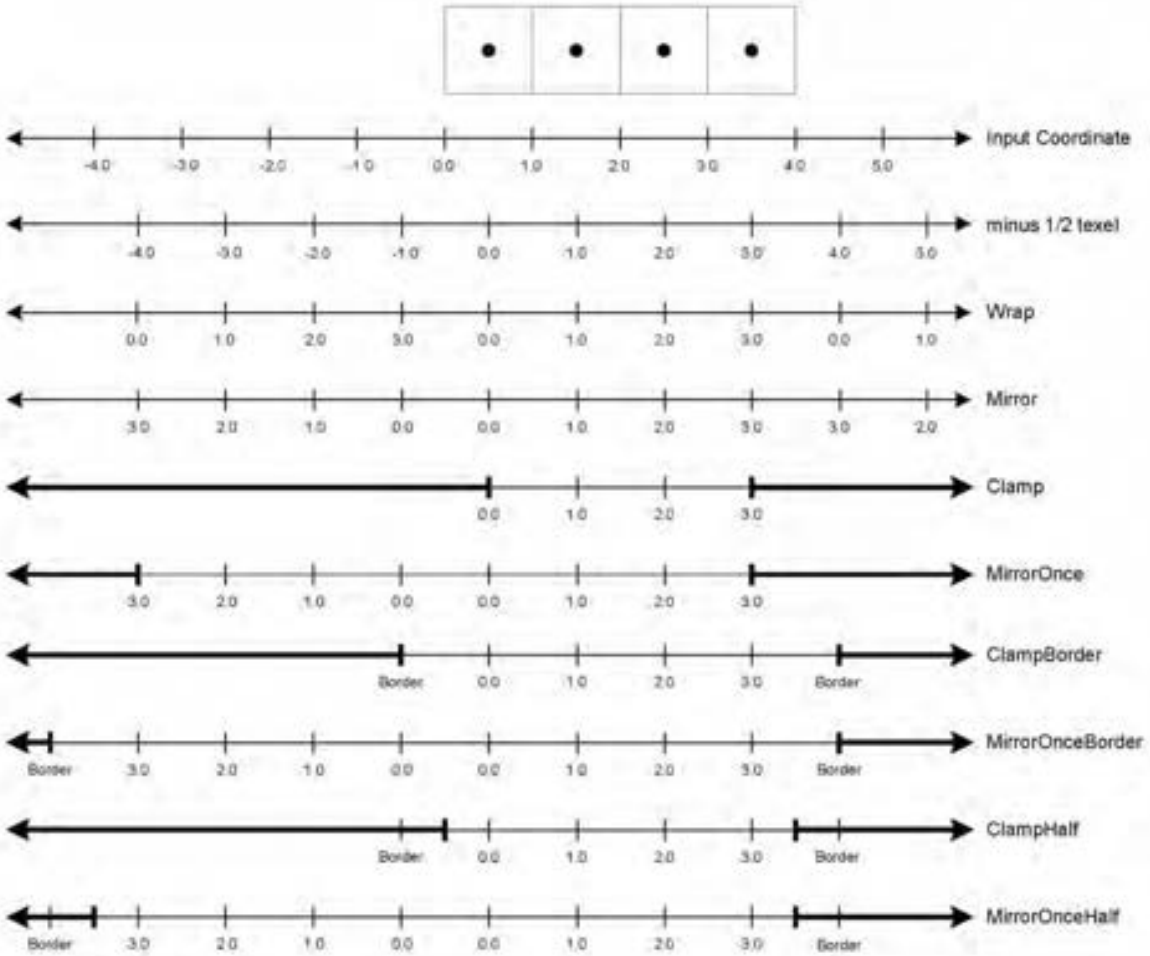
**Example : Clamp, Wrap, Mirror, Border / S Coordinate / Image width is four texels, cont.**

Nearest Filter



**Example : Clamp, Wrap, Mirror, Border / S Coordinate / Image width is four texels**

Linear Filter




After wrapping policy is applied, we have a strict 2D texel position related to a specific mipmap level, cube face, and Z layer. It is up to the addressing phase to actually compute the memory address of the texel for the fetch.

## 5.1 Description of the Clamping Policies

The R400 supports the same 8 clamping policies as the R300.

### 5.1.1 Wrap/Repeat

A repeating texture never samples a border texel. It simply repeats the texture over and over again, *ad infinitum*. No border color/texel can be used under this policy.

### 5.1.2 Mirror

Mirror policy does the same as "repeat" above, except it flips the texture every time. Texture coordinates of 0 mod 2 must be in the correct orientation. No border color/texel can be used under this policy.

### 5.1.3 ClampToLast

Clamp to last uses the first texel (index of 0) whenever the texture coordinate is negative, and the last texel (index of dim-1) whenever it is above 1. No border color/texel can be used under this policy.

### 5.1.4 MirrorOnceToLast

Mirror once to last ends up using texel 0 whenever the texture coordinate is outside [-1, 1] range, and using the mirror policy otherwise. The mirror axis is thus positionned around coordinate 0. No border color/texel can be used under this policy.

### 5.1.5 Clamp{Half}ToBorder

Clamp to border is similar to clamp to last, with the difference that the border color/texel is used whenever the coordinate falls outside the [0, 1] range.

### 5.1.6 MirrorOnce{Half}ToBorder

Mirror once to border is similar to mirror once to last, with the difference that the border color/texel is used whenever the coordinate falls outside the [-1, 1] range.

| | | | -1 | | | | 0 | | | | | 1 | | | | | 2 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Texture | X | X | X | X | X | X | X | 0 | 1 | 2 | 3 | 4 | X | X | X | X | X | X | X |
| Repeat | 3 | 4 | 0 | 1 | 2 | 3 | 4 | 0 | 1 | 2 | 3 | 4 | 0 | 1 | 2 | 3 | 4 | 0 | 1 |
| Mirror | 3 | 4 | 4 | 3 | 2 | 1 | 0 | 0 | 1 | 2 | 3 | 4 | 4 | 3 | 2 | 1 | 0 | 0 | 1 |
| ClampToLast | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| MirrorOnceToLast | 4 | 4 | 4 | 3 | 2 | 1 | 0 | 0 | 1 | 2 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| Clamp{Half}ToBorder | B | B | B | B | B | B | B | 0 | 1 | 2 | 3 | 4 | B | B | B | B | B | B | B |
| MirrorOnce{Half}ToBorder | B | B | 4 | 3 | 2 | 1 | 0 | 0 | 1 | 2 | 3 | 4 | B | B | B | B | B | B | B |

## 5.2 Notes about the "half" variants

Whenever the policy is stated as a "half" variant, it means that a bilinear fetch must sample at least a texel from the texture. To that sense, ClampToBorder might very well be composed of all border color, whereas ClampHalfToBorder must sample the texture, and will therefore have a maximum of 75% border color in a 2D case.

## 5.3 NEAREST_POLICY override

Because OpenGL requires NEAREST to not sample border, we need override the clamp policy whenever we use point sampling under OpenGL. The hack consists in changing the clamp policy when filter used is Point and NEAREST_POLICY bit is set in the constant.

When this is the case, Clamp{Half}ToBorder becomes ClampToLast, and MirrorOnce{Half}ToBorder becomes MirrorOnceToLast. This prevents border to the sampled.

This only happens under OpenGL and does not affect D3D.

## 5.4 Border texels

Border texels are used to perfectly hide seams between textures. They are a way of faking a bilinear filter between two adjacent textures. Border texels are stored directly in the texture data, and consist in a 1-pixel contour. They contain the first and last texels of the neighboring texture so that the last bilinear filter of a texture give the same result as the first bilinear of the next texture.

When a texture has a border of 1, clamping is done using the size of the texture excluding border. If the resulting texel stays inside the texture (inside range [0, dim)), then we simply add 1 to the texel coordinate. If the clamping policy states the border must be used, then we use either the first or last texel, depending on the coordinate.

## 5.5 Suggested Implementation

Here is a quick summary of a sample implementation that has been validated in software. It relies on the concept of primary and secondary texel components. We have one component for every dimension the texture uses (1, 2, or 3). To simplify discussion, we will assume only the first dimension (X), considering that the maximum texture size can be up to 24 bits. That 24-bit value actually comes down to a 13-bit for Y (max 2D size), and 12-bit for Z (for noise texture).

### 5.5.1 Primary Texel Components

Primary texel components (PTC) are used to keep track of multiple pieces of information. It contains a texel coordinate (s24.6) obtained by multiplying the texture coordinate's fractional value with the texture's dimension. This texel coordinate is essentially what repeat requires.

A TPC also keeps track of a mirror bit, which is initially using the LSB of the integer part of the texture coordinate. It simply gets flipped whenever we change the integer value.

A final value, named the wrap count, is essentially keeping the integer value of the texture coordinate, but since we don't need a full range, only s3.0 is enough. Whenever we apply an offset to the PTC that would bring that value out of range, we simply clamp it. In fact, we can view the end values as infinite value, which means any offset won't affect them at all: once they reach one end, they stay the same.

The twist is even though the wrap count gets clamped, we need to keep updating the texel coordinate as well as the mirror bits correctly. But this is somewhat straightforward, since these are orthogonal. The pseudo-code for updating those values when applying a shift is the following:

```
void  applyShift( const float shift, const uint32 dim )
{
    sfixed<24, 6>   tmp;

    tmp.add(mTexelCoord, shift);     //range [0-maxShift, dim+maxShift)

    //Bring tmp in [0, dim) range, updating WrapCount and Mirror
    if( tmp < 0 )
    {
        mWrapCount -= 1;
        mWrapCount.clamp();
        mIsMirror = !mIsMirror;
        tmp += dim;
    }
    else
    if( dim <= tmp )
    {
        mWrapCount += 1;
        mWrapCount.clamp();
        mIsMirror = !mIsMirror;
        tmp -= dim;
    }

    mTexelCoord = tmp; //Reassign the sfixed<24, 6> to a ufixed<24, 6>
}
```

As you can notice, we need to keep the dimension around, but this is better than having to redo the floating-point multiply of the modified texture coordinate.

The reason why the wrap count is s3.0 is because a filter could potentially be larger that 2x2, and that would clamp too rapidly. A range of [-8, 8] seemed reasonable as well as safe for arbitrary filters.

### 5.5.2 Secondary Texel Components

Secondary texel components (STC) are simply texel indices (no fractional bits) with a border flag indicating if the the position should actually be a border pixel. They are generated rather simply from a PTC, depending on the clamping policy being used.

A bilinear fetch is done by asking 4 PTCs and converting them to STCs. The STCs generated are directly the texel positions to use in the bilinear filter. The fractional part of the top left PTC is the lerp fraction to use.

### 5.5.3 Point vs. Linear

Point sampling and linear sampling differ in a few important respects. When linear sampling is done, we must offset the PTCs by -0.5 in order for the truncation of coordinates to give the correct positions.

### 5.5.4 "Half" Policy Variants

When the wrapping policy is a "half" variant, we must force the top left PTC to a certain range. This ends up being a matter of assigning:

the texel coordinate to 0.0
the wrap count to -1, 0, or 1
the mirror bit to true or false.

[CODE IS AVAILABLE]

# 6. (TPF) - Fetching

The fetching subblock is responsible for sending memory read requests to the TC. Every TP sends the texel requests for a quad of pixels, i.e. 16 texel addresses and a mapID (mipmap level + cube face). The 16 texels are grouped in EE/OE/EO/OO alignments.

Because of this strict alignment, there is special care to be taken when wrapping. In fact, it is possible for non-power-of-2 textures to require 4 EE texels for a bilinear filter (e.g. wrapping on coordintate (0.99, 0.99) of an odd-sized texture). Such a case needs to be detected by the hardware, and multicycling (max of 4) is done in order to get all four texels. This impacts performance for NP2 textures, but has the advantage of hiding the case to everyone (including the driver).

Also, for performance improvement, the TP must detect when multiple texels of a 2x2 fetch request the same texel. It must therefore keep track of those so that one returning texels gets written to multiple locations before the blend. This enables to reuse the texels instead of requesting them twice.

## 6.1 FIFO

This is what gets stored in the latency FIFO for every group of 4 bilinear fetches.

### 6.1.1 Common Fields

The following fields are common for all the texels of all the pixels of a quad.

| Field | Bits | Description |
|---|---|---|
| FORMAT_COMP_X | 2 | Sign of X component (fixed-point only)<br>0=Unsigned<br>1=Signed (2's complement)<br>2=Unsigned Biased<br>3=Reserved (was unsigned gamma'd, same as Unsigned) |
| FORMAT_COMP_Y | 2 | Sign of Y component (fixed-point only)<br>0=Unsigned<br>1=Signed (2's complement)<br>2=Unsigned Biased<br>3=Reserved (was unsigned gamma'd, same as Unsigned) |

| | | |
|---|---|---|
| FORMAT_COMP_Z | 2 | Sign of Z component (fixed-point only)<br>0=Unsigned<br>1=Signed (2's complement)<br>2=Unsigned Biased<br>3=Reserved (was unsigned gamma'd, same as Unsigned) |
| FORMAT_COMP_W | 2 | Sign of W component (fixed-point only)<br>0=Unsigned<br>1=Signed (2's complement)<br>2=Unsigned Biased<br>3=Reserved (was unsigned gamma'd, same as Unsigned) |
| SIGNED_RF_MODE_ALL | 1 | Mapping to use when converting signed repeating fractions to float. See NUM_FORMAT for details.<br>0=ZERO_CLAMP_MINUS_ONE<br>1=NO_ZERO |
| DATA_FORMAT | 6 | Format code for channel sizes. Used to specify floats (fast path). |
| NUM_FORMAT_ALL | 1 | Indicates if source (WZYX) data is repeating fraction (RF) or integer (INT).<br>0=RF<br>1=INT |
| EXP_ADJUST | 5 | Bias for exponent when doing fixed to float conversion (-7 to 24)<br>0x00=0<br>...<br>0x18=24<br>0x19=-1<br>...<br>0x1f=-7 |
| DST_GPR | 6 | Specifies the destination GPR for the coordinates. |
| DST_GPR_AM | 1 | Specifies the DST_GPR addressing mode.<br>0=Absolute<br>1=Relative |
| DST_SEL_X | 3 | Select what components of SRC_GPR to write to the X component of DST_GPR.<br>0=X<br>1=Y<br>2=Z<br>3=W<br>4=0.0f<br>5=1.0f<br>6=Mask (keep old value) |
| DST_SEL_Y | 3 | Select what components of SRC_GPR to write to the Y component of DST_GPR.<br>0=X<br>1=Y<br>2=Z<br>3=W<br>4=0.0f<br>5=1.0f<br>6=Mask (keep old value) |
| DST_SEL_Z | 3 | Select what components of SRC_GPR to write to the Z component of DST_GPR.<br>0=X<br>1=Y<br>2=Z<br>3=W<br>4=0.0f<br>5=1.0f<br>6=Mask (keep old value) |
| DST_SEL_W | 3 | Select what components of SRC_GPR to write to the W component of DST_GPR.<br>0=X<br>1=Y<br>2=Z<br>3=W<br>4=0.0f<br>5=1.0f |

| | | |
|---|---|---|
| | | 6=Mask (keep old value) |
| FilType | 1 | Type of filter.<br>0=Bilinear (point-sampling → weight set to 0)<br>1=Arbitrary |
| ArbType | 1 | Type of arbitrary filter.<br>0=Symmetric<br>1=Asymmetric |
| TT_reset | 1 | Bit indicating if TT must be considered 0.<br>0=No<br>1=Yes (TT is set to 0) |
| Channel_Size | 2 | Describes the channel size of the returning data<br>0=8-bit<br>1=16-bit<br>2=32-bit |
| Channel_Num | 2 | Describes the channel number (when Channel_Size > 0)<br>0=First group (XY or X)<br>1=Second group (ZW or Y)<br>2=Third group (Z)<br>3=Fourth group (W) |
| Total | 47 | |

The following is specified per pixel.

| Field | Bits | Description |
|---|---|---|
| Pn_Coord_TopLeft_Sel | 2 | Specifies which of the returning pixels is the top left corner of the bilinear blend.<br>0=Use value of EE<br>1=Use value of EO<br>2=Use value of OE<br>3=Use value of OO |
| Pn_Coord_Incr_X | 1 | Indicates what X coordinate to use on the right of TopLeft.<br>0=Use value of EE<br>1=Keep |
| OE_reuse | 2 | Specifies whether to use another returning texel for the blend stage.<br>0=Use value of EE<br>1=Keep<br>2=Use value of OE<br>3=Use value of OO |
| EO_reuse | 2 | Specifies whether to use another returning texel for the blend stage.<br>0=Use value of EE<br>1=Use value of EO<br>2=Keep<br>3=Use value of OO |
| OO_reuse | 2 | Specifies whether to use another returning texel for the blend stage.<br>0=Use value of EE<br>1=Use value of EO<br>2=Use value of OE<br>3=Keep |
| BorderColor | 2 | Border color<br>0=ABGR black (WZYX=0.0f)<br>1=ABGR white (WZYX=1.0f)<br>2=YCbCr black (Z=Cr=128.0f, Y=Y=16.0f, X=Cb=128.0f) |
| BorderMask | 4 | Mask bits to indicate whether to use border color or not for EE, OE, EO, OO. |
| Wh | 8 | Horizontal lerp factor (6 bits weight, 2 bits opcode) |
| Wv | 8 | Vertical lerp factor (6 bits weight, 2 bits opcode) |
| Sh | 7 | Horizontal scaling factor (still needed with Ws?) |
| Sv | 7 | Vertical scaling factor (still needed with Ws?) |
| Ws | 12 | Weight accounting for Z-layer, mipmap, and anisotropy (s7e4). |
| FilType | 1 | Type of filter.<br>0=Bilinear (point-sampling → reuse bits all set to same value)<br>1=Arbitrary |
| ArbType | 1 | Type of arbitrary filter.<br>0=Symmetric<br>1=Asymmetric |

| | | |
|---|---|---|
| TT_reset | 1 | Bit indicating if TT must be considered 0.<br>0=No<br>1=Yes (TT is set to 0) |
| SIGNED_COMP | 4? | Sign of components (WZYX) (fixed-point only)<br>0=Unsigned<br>1=Signed (2's complement) |
| SIGNED_RF_MODE | 1 | Mapping to use when converting signed repeating fractions to float. See NUM_FORMAT for details.<br>0=ZERO_CLAMP_MINUS_ONE<br>1=NO_ZERO |
| NUM_FORMAT | 2 | Indicates if data is floating-point or fixed-point<br>(copy from TFETCH CONSTs) |
| EXP_ADJUST | 5 | Bias for exponent when doing fixed to float conversion (-7 to 24)<br>0x00=0<br>...<br>0x18=24<br>0x19=-1<br>...<br>0x1f=-7 |
| DST_GPR | 6 | Specifies the destination GPR for the coordinates. |
| DST_GPR_AM | 1 | Specifies the DST_GPR addressing mode.<br>0=Absolute<br>1=Relative |
| DST_SEL_X | 3 | Select what components of SRC_GPR to write to the X component of DST_GPR.<br>0=X<br>1=Y<br>2=Z<br>3=W<br>4=0.0f<br>5=1.0f<br>6=Mask (keep old value) |
| DST_SEL_Y | 3 | Select what components of SRC_GPR to write to the Y component of DST_GPR.<br>0=X<br>1=Y<br>2=Z<br>3=W<br>4=0.0f<br>5=1.0f<br>6=Mask (keep old value) |
| DST_SEL_Z | 3 | Select what components of SRC_GPR to write to the Z component of DST_GPR.<br>0=X<br>1=Y<br>2=Z<br>3=W<br>4=0.0f<br>5=1.0f<br>6=Mask (keep old value) |
| DST_SEL_W | 3 | Select what components of SRC_GPR to write to the W component of DST_GPR.<br>0=X<br>1=Y<br>2=Z<br>3=W<br>4=0.0f<br>5=1.0f<br>6=Mask (keep old value) |
| Channel_Size | 2 | Describes the channel size of the returning data<br>0=8-bit<br>1=16-bit<br>2=32-bit |
| Channel_Num | 2 | Describes the channel number (when Channel_Size > 0)<br>0=First group (XY or X) |

| | | |
|---|---|---|
| | | 1=Second group (ZW or Y)<br>2=Third group (Z)<br>3=Fourth group (W) |
| Total | 35 | |

| Field | Bits | Description |
|---|---|---|
| EE_reuse | 2 | Specifies whether to use another returning texel for the blend stage.<br>0=Keep<br>1=Use value of EO<br>2=Use value of OE<br>3=Use value of OO |
| OE_reuse | 2 | Specifies whether to use another returning texel for the blend stage.<br>0=Use value of EE<br>1=Keep<br>2=Use value of OE<br>3=Use value of OO |
| EO_reuse | 2 | Specifies whether to use another returning texel for the blend stage.<br>0=Use value of EE<br>1=Use value of EO<br>2=Keep<br>3=Use value of OO |
| OO_reuse | 2 | Specifies whether to use another returning texel for the blend stage.<br>0=Use value of EE<br>1=Use value of EO<br>2=Use value of OE<br>3=Keep |
| BorderColor | 2 | Border color<br>0=ABGR black (WZYX=0.0f)<br>1=ABGR white (WZYX=1.0f)<br>2=YCbCr black (Z=Cr=128.0f, Y=Y=16.0f, X=Cb=128.0f) |
| BorderMask | 4 | Mask bits to indicate whether to use border color or not for EE, OE, EO, OO. |
| Wh | 8 | Horizontal lerp factor (6 bits weight, 2 bits opcode) |
| Wv | 8 | Vertical lerp factor (6 bits weight, 2 bits opcode) |
| Sh | 7 | Horizontal scaling factor (still needed with Ws?) |
| Sv | 7 | Vertical scaling factor (still needed with Ws?) |
| Ws | 12 | Weight accounting for Z-layer, mipmap, and anisotropy (s7e4). |
| FilType | 1 | Type of filter.<br>0=Bilinear (point-sampling → reuse bits all set to same value)<br>1=Arbitrary |
| ArbType | 1 | Type of arbitrary filter.<br>0=Symmetric<br>1=Asymmetric |
| TT_reset | 1 | Bit indicating if TT must be considered 0.<br>0=No<br>1=Yes (TT is set to 0) |
| SIGNED_COMP | 4? | Sign of components (WZYX) (fixed-point only)<br>0=Unsigned<br>1=Signed (2's complement) |
| SIGNED_RF_MODE | 1 | Mapping to use when converting signed repeating fractions to float. See NUM_FORMAT for details.<br>0=ZERO_CLAMP_MINUS_ONE<br>1=NO_ZERO |
| NUM_FORMAT | 2 | Indicates if data is floating-point or fixed-point<br>(copy from TFETCH CONSTs) |
| EXP_ADJUST | 5 | Bias for exponent when doing fixed to float conversion (-7 to 24)<br>0x00=0<br>...<br>0x18=24<br>0x19=-1<br>...<br>0x1f=-7 |
| DST_GPR | 6 | Specifies the destination GPR for the coordinates. |


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| | | |
|---|---|---|
| DST_GPR_AM | 1 | Specifies the DST_GPR addressing mode.<br>0=Absolute<br>1=Relative |
| DST_SEL_X | 3 | Select what components of SRC_GPR to write to the X component of DST_GPR.<br>0=X<br>1=Y<br>2=Z<br>3=W<br>4=0.0f<br>5=1.0f<br>6=Mask (keep old value) |
| DST_SEL_Y | 3 | Select what components of SRC_GPR to write to the Y component of DST_GPR.<br>0=X<br>1=Y<br>2=Z<br>3=W<br>4=0.0f<br>5=1.0f<br>6=Mask (keep old value) |
| DST_SEL_Z | 3 | Select what components of SRC_GPR to write to the Z component of DST_GPR.<br>0=X<br>1=Y<br>2=Z<br>3=W<br>4=0.0f<br>5=1.0f<br>6=Mask (keep old value) |
| DST_SEL_W | 3 | Select what components of SRC_GPR to write to the W component of DST_GPR.<br>0=X<br>1=Y<br>2=Z<br>3=W<br>4=0.0f<br>5=1.0f<br>6=Mask (keep old value) |
| Channel_Size | 2 | Describes the channel size of the returning data<br>0=8-bit<br>1=16-bit<br>2=32-bit |
| Channel_Num | 2 | Describes the channel number (when Channel_Size > 0)<br>0=First group (XY or X)<br>1=Second group (ZW or Y)<br>2=Third group (Z)<br>3=Fourth group (W) |
| Total | 35 | |

[HOW ABOUT THE FLIP BITS FOR THE FILTER? USE REUSE INSTEAD? FULL 6-bit FMT GOING THERE NOW?]

# 7. (TPB) - Blending

The blending step is responsible for merging all the texels associated to one pixel. Figure 6 illustrates the internals of a blending unit, which does a 32-bit (4 x 8 bits) bilinear blend of 4 texels per pixel. Every TP has 4 of those, one per 8-bit channel. The blended pixels must all be of the same format, and only integers and repeating-fractions are supported. Border color must be muxed prior to the filter. Clamping (for MPEG formats in range [-255, 255]) is applied right before the filter, but after border color muxing, so that it is applied even on border color. Same goes for the debiasing of unsigned biased formats.

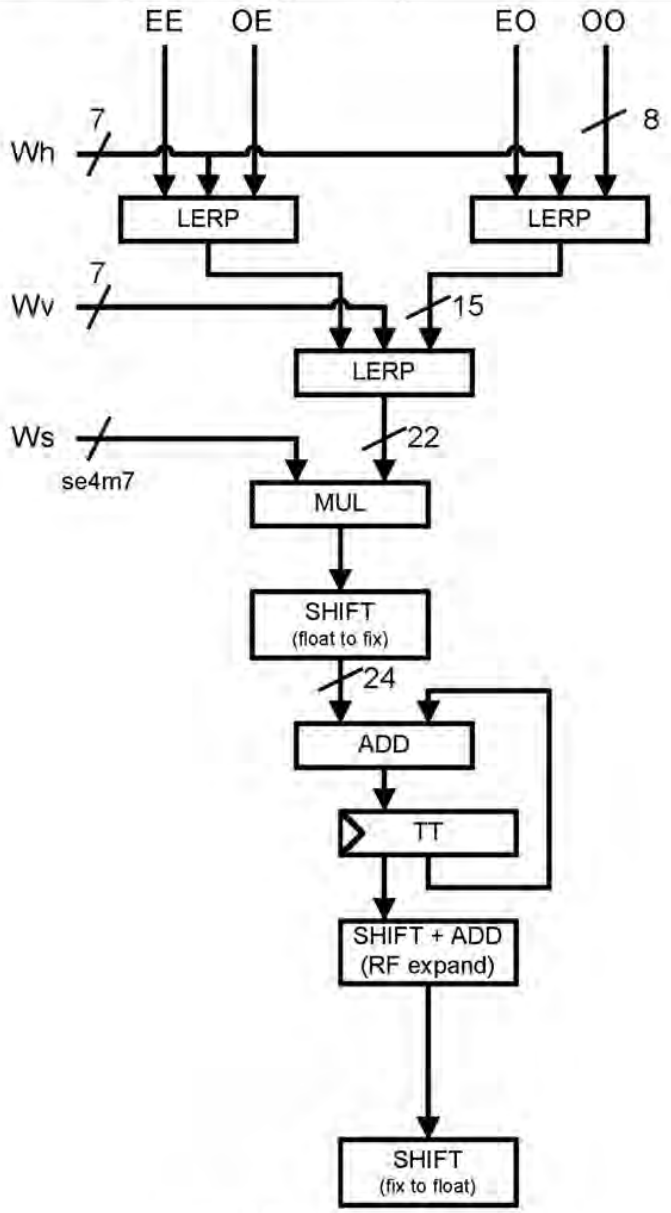



**Figure 6 Single-pixel blender**

The top portion takes care of the bilinear blend. This is done using linear interpolation (LERP) units. For the quad of texels necessary in the bilinear blend, the top and bottom rows are independently lerped using the same horizontal weight (Wh). The two results are then lerped together using the vertical weight (Wv).

After the LERPs are done, a floating-point number is used to account for all the other weights generated in the walking stage. These weights are:

| Weight | Description | Range |
|---|---|---|
| Wm | weight used between mipmaps | (0, 1] |
| Wz | weigth used between volume maps | (0, 1] |
| Wa | weight used for anisotropy | (0, 1] |
| Whs | horizontal weight for 4x4 filter (driver sets to Whe + Who) | (-1, 3] |
| Wvs | vertical weight for 4x4 filter (driver sets to Wve + Wvo) | (-1, 3] |

These are all multiplied together into a single weight, Ws, which is a special floating-point number (see section 7.3 below). This weight is used to scale the result of the bilinear blend. The scaled value is then converted to a fixed-point format using a shifter.

The resulting fixed-point value gets optionally added to the Texture Temporary (TT) using control bits stored earlier in the FIFO. This TT value is used to accumulate multiple bilinear blends together when constructing more evolved filters (trilinear, quadrilinear, anisotropic, or arbitrary).

## 7.1 HiColor support

Every TP works on 4 pixels in parallel. Every pixel requires a full-speed bilinear fetch, therefore blending 4 texels. Every texel typically has four 8-bit channels, so the lerp units are 32 bits wide (channels), by 4 deep (pixels). This is the typical 32-bit color case (Figure 7).

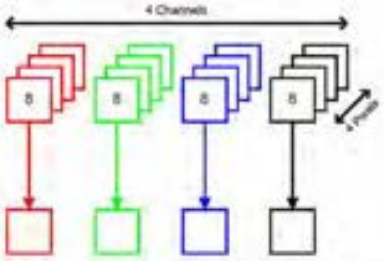



**Figure 7 Channel organization for 32-bit color**

For the case of 64-bit color, the blender unit groups two adjacent 8-bit lerp units and combines the two results into a single 16-bit result. A maximum of two channels per clock can now be filtered (Figure 8). This is the case of degamma-ed 8-bit/channel textures, which grows to 16-bit/channel.

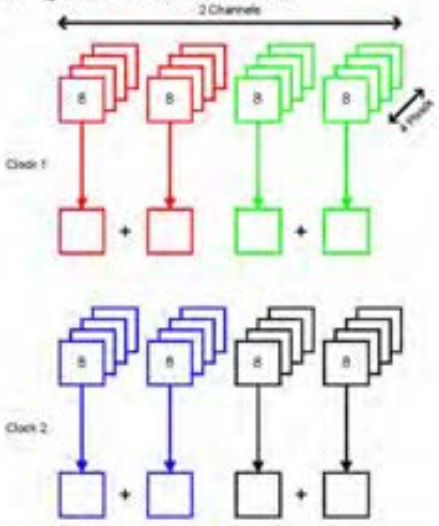



**Figure 8 Channel organization for 64-bit color**

We finally support 128-bit channel filtering, which would take 1 clock for every channel. This 32-bit per component is used for 16-bit floats filtering. It is to be noted that shader code could replace such hardware if the cost of a 3-term adder is deemed unreasonable for this functionality.

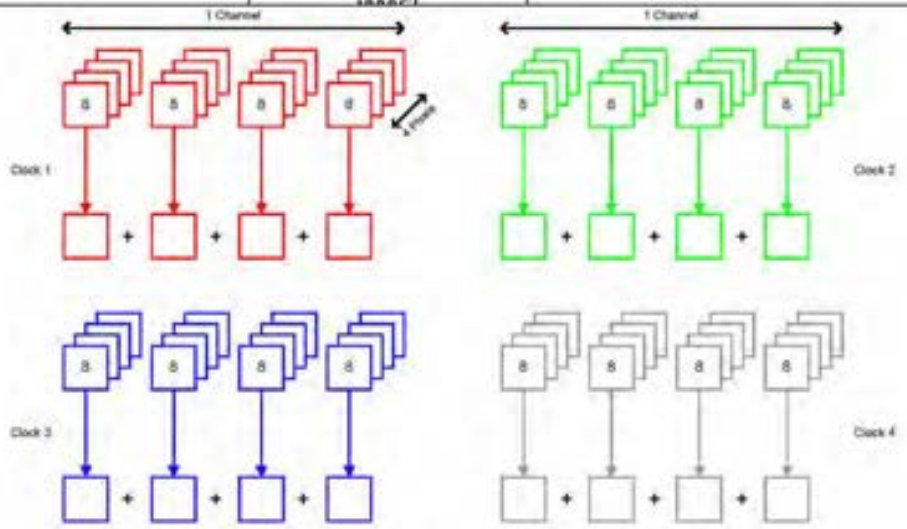



**Figure 9 Channel organization for 128-bit color**

The mathematics behind the final adder is as follows. In HiColor channels, we can split channels in chunks of bytes, where the color is actually:

$$c[31:0] = c[31:24] \times 2^{24} + c[23:16] \times 2^{16} + c[15:8] \times 2^{8} + c[7:0] \times 2^{0}.$$

When blending each byte independently, we end up with 4 24-bit components where the 8 hi bits are of the same power than the bytes filtered, and the 16 low bits are of a lesser power ("fractional" if we consider the hi-8 as integer). We could write every 24-bit component as:

$$r[23:0] = r[23:16] \times 2^{n} + r[15:8] \times 2^{n-8} + r[7:0] \times 2^{n-16}$$

where $n$ is the power of the initial byte (24, 16, 8, or 0). This indicates that the first term is unique for the first 8-bit chunk, but that the next two terms overlap with the next byte blending, as the third term also overlaps with the byte blending after that.

## 7.2 Arbitrary filters support

Because we are using lerps, we need to modify an arbitrary filter's weights. The reason for this is that the weights of the two elements being lerped in the unit must sum to 1, which is not necessarily the case for arbitrary filters. Fortunately, we can rewrite the filter so that weights sum to 1 within a lerp operation.

The mathematics behind this are based on the fact that if we have $a$ and $b$ as weights for texels $A$ and $B$, but that they don't sum to 1, then we can use $a/(a+b)$ and $b/(a+b)$ which does. We simply need to scale the result by $(a+b)$ and everything works fine. The final result would then be:

$$P = aA + bB = (a+b)\left(\frac{a}{(a+b)}A + \frac{b}{(a+b)}B\right) = (a+b)\left(\frac{a}{(a+b)}(A-B) + B\right)$$

where the big parentheses show a classic lerp.

Of course, this implies that the weights used in the hardware aren't exactly the ones located in the filter kernel. Software must convert them first so that the lerp units behave correctly. This is done by scaling down the two lerping weights with their sum $(a+b)$. This sum must also be sent along the filter weights so that Ws accounts for the them, and effectively scales the lerp result back up.

## 7.3 Weight precision

Since arbitrary filters might bring negative weights, we need some special encoding for the lerps to work correctly. The lerping weights (Wh and Wv) have 7 [only 6?] bits of precision, with an additionnal 2-bit format. The format is described as follows:

| | | |
|---|---|---|
| 00 | 0.0 <= W < 1.0 | |
| 01 | Negate even texels | Only occurs for table weights |
| 10 | Negate odd texels | Only occurs for table weights |
| 11 | W is 1.0 | Only occurs for table weights, or we clamped (saves data muxing) |

Considering this, the first lerp computation would work as follows:

```
switch(Wh[7:6])
{
case 0: E=Ein;
        O=Oin;
        break;
case 1: E=-Ein;
        O=Oin;
        break;
case 2: E=Ein;
        O=-Oin;
        break;
case 3: E=Oin;
        O=Ein;
        break;
}
Out=Wh[5:0] * O + ~Wh[5:0] * E + E;
```

The first layer of lerps would therefore be 7 x 8 (weights precision x channel size), yielding 15 bits of precision. The final lerp then needs to be 7 x 14. [We might be able to drop bits from the 15]

The final weight, Ws, is a floating-point number as previously noted. The format of this floating-point is s7e4. The exponent bias is 13, which puts the range of the number to [-8, 8] and increases precision between 0 and 1. The mantissa has an implied bit of 1 when the exponent is greater than 0, and a denormal when it is 0. The number gets decoded as follows:

```
float a;
if(EXPO > 0)  //implied 1
    a = (float)((1<<8)|MAN) / (float)(1<<(EXPO-13+8)); //if EXPO=13, MAN = 0 then a = 1.0f
else          //denormal
    a = (float)MAN / (float)(1<<(EXPO-13+8));
```

# 8. (TPO) - Output Formatter

The block does two things: synchronizes the output of the texture pipe with the phase of the texture pipe, and converts the data to the 128-bit format expected by the shader pipe.

To save routing area, a portion of this block will live in the shader pipe. This saves us from sending 4x32-bit channels on the bus, where a lot of shared info actually lets us narrow that down a bit. The bits of that narrower bus then get interpreted close to the SPs and yield 4x32-bit floats per pixel, as well as destination GPR (+++) for each quad.

## 8.1 Control Data Interface

New interface scheme.
[Need to make sure it's not missing anything]

| Name | Bits | Description |
|---|---|---|
| EE_XYZW | 64 | Channel data (see below for format) |
| EO_XYZW | 64 | Channel data (see below for format) |
| OE_XYZW | 64 | Channel data (see below for format) |
| OO_XYZW | 64 | Channel data (see below for format) |
| DST_GPR | 7 | Destination GPR (where to write the data in the SP) |
| DST_SEL_X | 3 | Swizzle for the X channel |
| DST_SEL_Y | 3 | Swizzle for the Ychannel |
| DST_SEL_Z | 3 | Swizzle for the Z channel |
| DST_SEL_W | 3 | Swizzle for the W channel |
| EXP_ADJ | 5 | Exponent adjust (added to the float's exponent) (grow to 6?) |
| SIGN_X | 1 | Sign bit for the X component |

| | | |
|---|---|---|
| SIGN_Y | 1 | Sign bit for the Y component |
| SIGN_Z | 1 | Sign bit for the Z component |
| SIGN_W | 1 | Sign bit for the W component |
| SIGNED_RF_MODE | 1 | Range convention for signed repeating fraction numbers. |
| NUM_FORMAT | 2 | Format of the number (integer, repeating-fraction, float) |
| XYZW_FORMAT | 1 | Indicates if the 64-bit channels represent 4x16-bits or 2x32-bits. |
| XYZW_PARITY | 1 | When for is 2x32-bits, indicates which 2 channels data is represented with<br>0=XY<br>1=ZW |

The CMASK is computed based on the swizzle codes:

CMASK = (DST_SEL != 7)

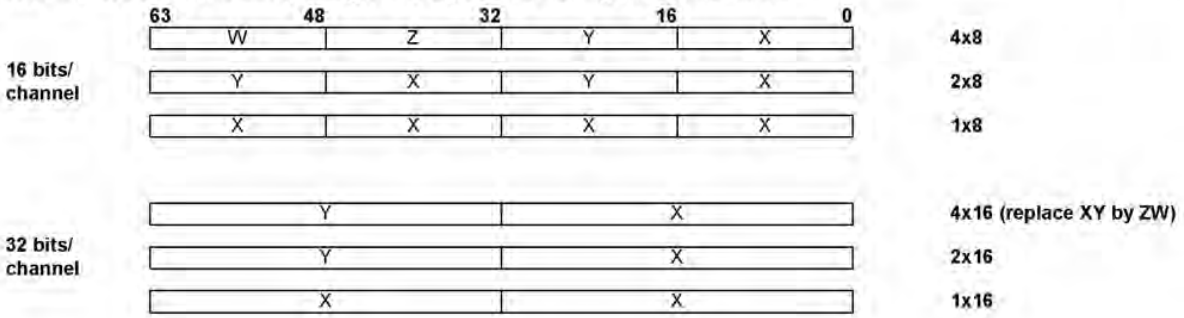
We also need to factor out the XYZW_PARITY, but it's also easy, since we only need to set the CMASK to 0 when we receive no channel of that type. We can probably get rid of the XYZW_PARITY by modifying the DST_SEL_* when we multicycle.

We have 2 formats for the channel data. They are selected based on the channel size post-filtering.

The first format is 4 channels of 16 bits each. It is used for all the formats the TC returns within 8 bits per channel. When channels are missing, they get replicated.

The second format contains only two channels. A control bit specifies which channels are represented.

We only use the first format when we must return 4 channels every clock (up to FMT_8_8_8_8). Every other format, since it takes twice the time, can get more precision using 32-bits/channel.




Other notes:

The EXP_ADJ has to be adapted prior to this interface for the format size. For instance, INTs of 6 bits are getting stored in the high bits of the 8, and the exponent adjust must be adjusted with -2 to account for that left shift.

RF numbers don't need to be exponent-adjusted, but need to be RF-expanded (by replication) correctly (with rounding, probably).

| Name | Bits | Description |
|---|---|---|
| EE_X | 24 | X component (fixed) of the EE pixel of the quad. |
| EE_Y | 24 | Y component (fixed) of the EE pixel of the quad. |
| EE_Z | 24 | Z component (fixed) of the EE pixel of the quad. |
| EE_W | 24 | W component (fixed) of the EE pixel of the quad. |
| EO_X | 24 | X component (fixed) of the EO pixel of the quad. |
| EO_Y | 24 | Y component (fixed) of the EO pixel of the quad. |
| EO_Z | 24 | Z component (fixed) of the EO pixel of the quad. |
| EO_W | 24 | W component (fixed) of the EO pixel of the quad. |
| OE_X | 24 | X component (fixed) of the OE pixel of the quad. |
| OE_Y | 24 | Y component (fixed) of the OE pixel of the quad. |
| OE_Z | 24 | Z component (fixed) of the OE pixel of the quad. |
| OE_W | 24 | W component (fixed) of the OE pixel of the quad. |
| OO_X | 24 | X component (fixed) of the OO pixel of the quad. |

| | | |
|---|---|---|
| OO_Y | 24 | Y component (fixed) of the OO pixel of the quad. |
| OO_Z | 24 | Z component (fixed) of the OO pixel of the quad. |
| OO_W | 24 | W component (fixed) of the OO pixel of the quad. |
| EE_SWIZZLE | 3 | Swizzle bits for the EE pixel. |
| EO_SWIZZLE | 3 | Swizzle bits for the EO pixel. |
| OE_SWIZZLE | 3 | Swizzle bits for the OE pixel. |
| OO_SWIZZLE | 3 | Swizzle bits for the OO pixel. |
| DST_GPR | 7 | Destination GPR (where to write the data in the SP). |

Shared quad information (once every four clocks)

| Name | Bits | Description |
|---|---|---|
| EXP_ADJ | 5 | Exponent adjust (added to the float's exponent) |
| SIGN_X | 1 | Sign bit for the X component |
| SIGN_Y | 1 | Sign bit for the Y component |
| SIGN_Z | 1 | Sign bit for the Z component |
| SIGN_W | 1 | Sign bit for the W component |
| SIGNED_RF_MODE | 1 | Range convention for signed repeating fraction numbers. |
| NUM_FORMAT | 2 | Format of the number (integer, repeating-fraction, float) |
| FAST_FLOATS | 1 | Indicating 64 of the 4x24 bits actually represent two floats. |
| FAST_FLOATS_PARITY | 1 | Indicates which of the 2 floats the above 64 bits represent.<br>0=XY<br>1=ZW |

## 8.2 Operation

### 8.2.1 Format conversion

Data is either written directly in as binary data, or as floating point data generated from the fixed-point data, or as floating-point data expanded from non-filtered 16-bit floating point formats.

The binary form is expected to be used for base addresses as well as when reading data which is already in floating point format.

The 16- to 32-bit float conversion is for data which is in the 16-bit floating-point format but which we did not want to convert in texture decompression, because we did not need filtering and wanted the extra speed.

We also may need to convert from repeating fraction format here. This will require us to know exactly how many valid bits there are for each channel.

#### 8.2.1.1 8-bit texture data

channel 0: P[23:0]
channel 1: P[47:24]
channel 2: P[71:48]
channel 3: P[95:72]

For binary data the output word is:

Channel 3 [20:13], channel 2 [20:13], Channel 1 [20:13], Channel 0[20:13]
Concatenated together

For normal texture data it is biased, if enabled, then converted to floating point. Then the exponent is adjusted by the scale factor.

#### 8.2.1.2 16-bit texture data

channel 0: P[31:0]
channel 1: P[79:48]

For normal texture data it is biased, if enabled, then converted to floating point. Then the exponent is adjusted by the scale factor.

#### 8.2.1.3 32-bit texture data

channel 0: P[39:0]

For normal texture data it is biased, if enabled, then converted to floating point. Then the exponent is adjusted by the scale factor.

### 8.2.2 Synchronization

We need to synchronize with the shader pipe as it expects to get the correct quad of pixels on each phase. We probably want about six to eight quads worth of output buffering to ensure that we do not stall if we get out of sync with the shader pipe.

This logic simply holds off writing to the shader pipe until the phase matches, and all four quads of the sixteen pixel(vertex) vector are in the output buffer.

We can probably save area by having the output buffer first ahead of the output formatting logic, as there are less bits then. [this isn't certain, since we need s7.24 + control bits (5 expBias, format, etc.)]

## 8.3 Open Issues

Should there be rounding controls?

# 9. Special Operations

## 9.1 Vertex Fetches

Vertex fetches aren't required functionality-wise, since a FetchTextureMap can very well get floating-point values using point-sampling. Performance-wise, though, the generic FetchTextureMap might not be enough. For that reason, and for versatility reason when reading vertex arrays, the R400 supports a dedicated FetchVertex function.

This instruction takes advantage of a more specialized specification of parameters, namely STRIDE (width in DWORDs of a vertex array element) and OFFSET (in DWORDs within that array element). Data requested through vertex fetches aren't filterable in any way: they are just read from memory.

A special fast mode enables the user to fetch 2 contiguous floats from memory. This can only be done since the returning floats are unfiltered. The 2 floats simply go around logic (or through when it does not affect the bits) and end up back in the SPs unaltered.

## 9.2 Border Color Fraction

Border color fraction is used to return the fraction of a filtered fetch that is actually using border color. This fetch simply assumes the texture is black and the border color in white, therefore returning a floating-point value corresponding to the fraction of texels filtered together which are border color (or pixel).

No memory request should actually should be needed, as actual texel values aren't relevant. Texture dimension and mipmap parameters, though, must be correctly considered for border to be known.

This is useful for adding arbitrary border color by simply scaling it with FetchBorderColorFraction and adding it to a normal FetchTextureMap, which uses black border color.

## 9.3 Shadow Requests

Shadow requests return the fraction of an X, Y, Z position visible from a specific light source.
[DETAILS TO COME, reuse plane generation for LOD?]
[DROPPED FROM R400]

## 9.4 Noise Requests

Noise requests return a single scalar value from a 3D mipmapped noise texture of 4K x 4K x 4K. That texture is procedurally generated in the TC upon request. See the 3D noise texture document for further detail.

## 9.5 Mipmap-related Requests

### 9.5.1 Mipmap level requests

Whenever the mipmap LOD is requested, the texture pipe computes the LOD normally (with all 4 components), but stops processing and directly returns it when it's done. Conversion must be applied in order to correctly return a floating-point value from the fixed-point data (integer LOD + 6-bit fractional weight).

### 9.5.2 Gradients requests

Gradients requests stop even earlier than mipmap level requests, as the gradients need to be known for the LOD computation. Otherwise than returning different values, this works the same way as the mipmap level request above.

### 9.5.3 Register assignments

The LOD bias "register" simply gets converted to internal format, and stored for future use. It is kept until reassignment, and USE_REG_LOD must be correctly managed in order to avoid abnormal behavior (e.g. adding the LOD bias of a previous call). Because of interleaving of concurrent programs, the LOD bias register is normally a one-use-only value.

## 9.6 MultiSample Fetches

[Details to come]

# 10. Varia

## 10.1 Addressing

The addressing phase is responsible for converting a 2D map texel address into a memory address. It works by composing a series of offsets into a single one, to be applied on the texture's base address (from the texture state). Those offsets take mipmaps, Z layers, and cube faces into consideration.

Although this logic is physically in the TC, its architecture is described in the current document.

[Describe weird parallel offsets computation inspired by R200, with padding issues, as well as packing in memory, + 2 offsets and such]

### 10.1.1 Memory Organization

#### 10.1.1.1 Tiling

Memory access, to be efficient, is tiled. The 2D tile size is 32x32 texels. The 3D tile size if 32x32x4 texels.

#### 10.1.1.2 Mipmaps

Mipmaps are stored sequentially in memory, starting the base (highest-resolution) map, also called level0. Every mipmap level starts on a 256-bit aligned address, which is why we have 27 bits for base addresses. We benefit from 2 base addresses to describe the mipmap chain.

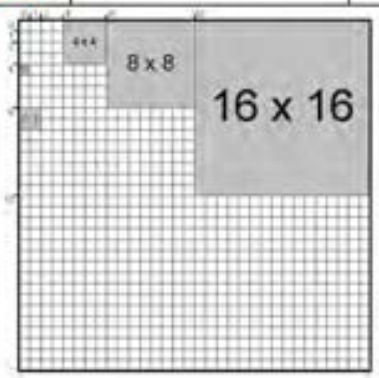
The first offset, BASE_ADDRESS, always points to the base map. This is the offset used when mipmapping is unused or disabled. Texture memory pointed to by the base map does not need to be padded, except for tiling issues. Memory consumption of the first level is therefore minimal, even for the case of non-power-of-2 dimensions.

The second offset, MIP_ADDRESS, is used to specify a different location for the remaining levels of the mipmap chain. Every one of those mipmap levels must be padded to the next power-of-2 size in each dimension. They are stored one after the other, starting with level1.

Since our tile in memory is 32 texels on a side, we end up losing memory whenever a texture isn't aligned with that granularity. In order to reduce memory wastage, the last mipmap levels of a chain are going to be packed together within the same tile(s). Namely, as soon as the width or height is 16 or less, we can pack every remaining mipmap level inside the tiles that are needed for the 16xN (or Nx16) map. This enables us to store the remaining mipmap levels at the cost of the largest mipmap level packed.

Figure 10 through Figure 15 illustrate various examples.

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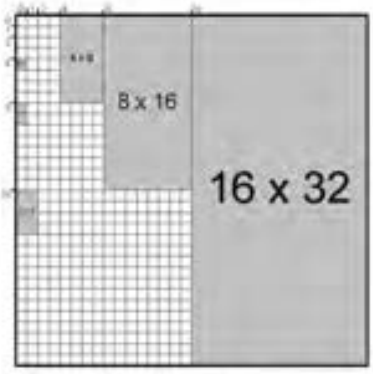




**Figure 10 Packing of a mipmapped 16x16 texture within a single 32x32 tile**

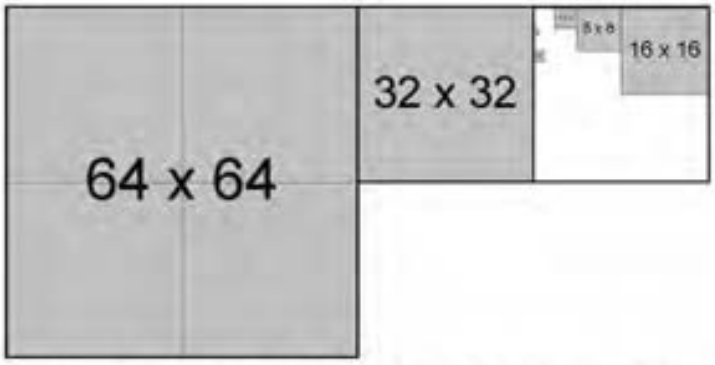



**Figure 11 Tiles used for a 64x64 packed mipmap chain**

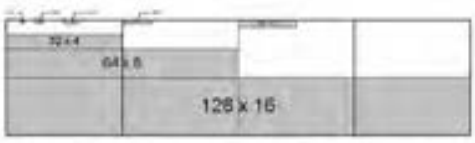



**Figure 12 Vertical packing of remaining mipmap levels**

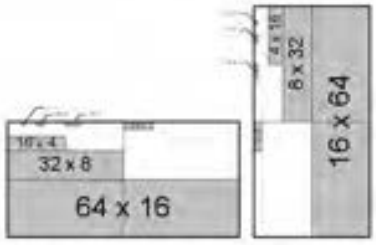



**Figure 13 Comparison between packing directions**

### 10.1.1.3 Cube maps

Cube maps are strickly 2D textures organized on the 6 interior faces of a cube. Faces of a cube are stored contiguously. When cube maps are mipmapped, all the face of level0 are contiguous, then all the faces of level1 are, and so on and so forth. This localizes all the memory associated with a single mipmap level. A cube map example is given in Figure 14.

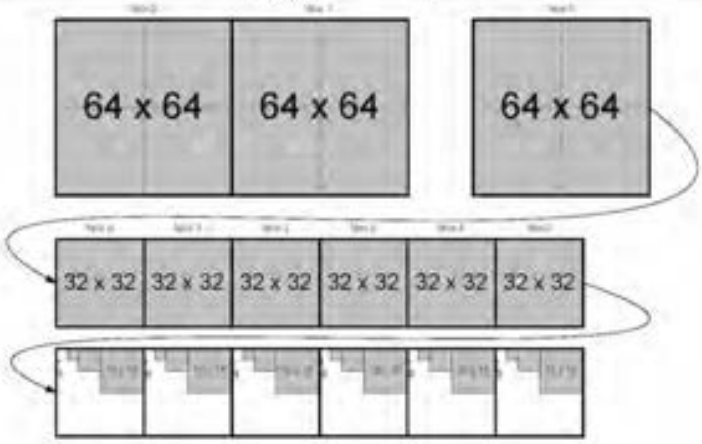



**Figure 14 Packing of a cubical environment map**

### 10.1.1.4 Volume maps

Volume (3D) textures can be viewed as a series of 2D layers one after the other. But for cache efficiency, Z values are interleaved within the 2D layers. The tile format for a 3D volume is 32x32x4. This interleaving is automatically done in the MH, so no weird packing is necessary on the driver's part. Therefore, all layers of the 3D map corresponding to mipmap level0 are localized, followed by the 3D map of the next mipmap level, and so on. Those layers are simply put one after the other in contiguous memory.

Packing is essentially the same as for 2D textures, save for the fact that the third dimension might bring a large number of 1x1 layers for the last mipmap levels. We store those 1x1 maps at position (0, 0) within the tile, using the same "smaller firsts" trick as before. Figure 15 illustrates such an example.

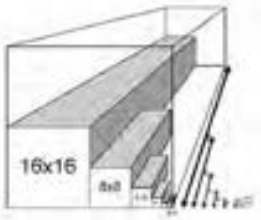



**Figure 15 Packing of a 3D mipmapped texture. Depth is 128/4 = 32 tiles deep.**

### 10.1.1.5 Non-power-of-2 maps

A non-power-of-2 map takes up the space required for a power-of-2 map that contains it. For 2D textures, this means wasting a bout 3/4 of the allocated memory, worst case. For the texture's depth, we only require padding to the next 3D tile (which is 4 deep), so wastage due to mipmapping is the same as wastage due to tiling.

A non-power-of-2 (NP2) map takes up the memory of the power-of-2 (P2) map which contains it. This holds true for packing inside a tile as well, as this is shown in **Error! Reference source not found.**. The NP2 maps simply uses part of P2 size allocated. [NOTE: This changed… we don't skip anymore… we always use size 16, 8, 4, 2, 1, and then pack vertically]

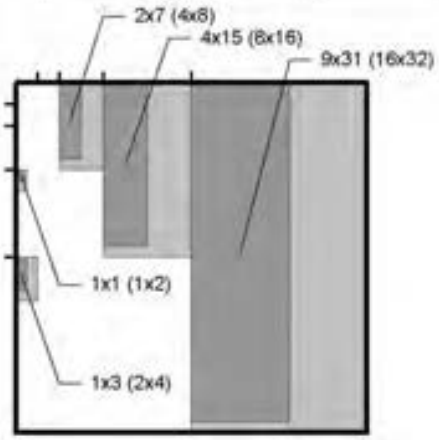



**Figure 16 Non-power-of-2 mipmap packing**

## 10.2 Channel Replication

The data going back to the SP is always a vector of 4 channels. Since some formats specify less than 4 channels, some data might be invalid. In order to have predictable results, we use channel replication rules to fill out unspecified channels. This functionality is split between the TC and TP.

### 10.2.1 TC Replication

The TC does replication inside of a 32-bit value, since this is the size of the data coming back. For instance, FMT_8 uses only 25% of the available bandwidth between TC→TP. Instead of having garbage bits, the TC put the same bits 4 times, returning the equivalent of FMT_8_8_8_8 to the TP. This allows the TP to work on 4 channels from then on, and even to have different FORMAT_COMP for the exact same source data.

The TC replication rule is the following: whenever some of the 32 bits are undefined, we reuse original channels, starting at X (low bits), and then Y when appropriate.

Degamma can affect the TC's replication. For instance, since we have enough bits to have 2x16-bit degamma coming back, every format of 1 or 2 channels degamma will return 2 channels exceptionnally. This means FMT_8, which replicates X four times in the 32-bit chunk would only do it twice when degamma is on.

### 10.2.2 TP Replication

Since we do not want to fetch 4 times the same data for FMT_32, the TP must cover for cases where the TC does not return more data. This is done by fiddling with the DST_SEL_* fields, depending on the format. It is a matter of mapping unexisting SRC_* values to existing ones. For instance, FMT_32 would remap SRC_Y, SRC_Z, and SRC_W to SRC_X, as this is the only valid channel that the TC returns.

This DST_SEL_* override must happen after the HiColor channel masking (the ones which kills channels that are not related to the current loop). Let's take FMT_32_32_32_32 as an example. If the destination select is ZZZZ, we must write all four channels on the third HiColor loop count, all other clocks masking out destination writes. If we applied replication rules before determining channel masks, ZZZZ would have become XXXX, which would get written on the first clock, therefore not giving the correct channel back.

### 10.2.3 Summary Table

The following table gives the number of channels present in a format, as well as what the TC and TP must do for channel replication.

| Format | #Chans (MC) | Repl. (TC) | #Chans (TC) | #Chans (TC→TP) | Repl. (TP) | #Loops (TP) |
|---|---|---|---|---|---|---|
| FMT_1_REVERSE | 1 | X | 1 | 1 | YZW→X | 1 |
| FMT_1 | 1 | X | 1 | 1 | YZW→X | 1 |
| FMT_8 | 1 | XXXX | 4 | 4 | - | 1 |
| FMT_1_5_5_5 | 4 | XYZW | 4 | 4 | - | 1 |
| FMT_5_6_5 | 3 | XYZX | 4 | 4 | - | 1 |
| FMT_6_5_5 | 3 | XYZX | 4 | 4 | - | 1 |
| FMT_8_8_8_8 | 4 | XYZW | 4 | 4 | - | 1 |
| FMT_2_10_10_10 | 4 | XY/ZW | 4 | 2 | - | 2 |
| FMT_8_A | 1 | XXXX | 4 | 4 | - | 1 |
| FMT_8_B | 1 | XXXX | 4 | 4 | - | 1 |
| FMT_8_8 | 2 | XYXY | 4 | 4 | - | 1 |
| FMT_Cr_Y1_Cb_Y0_REP | 3 | XYZX | 4 | 4 | - | 1 |
| FMT_Y1_Cr_Y0_Cb_REP | 3 | XYZX | 4 | 4 | - | 1 |
| FMT_8_8_8_8_A | 4 | XYZW | 4 | 4 | - | 1 |
| FMT_4_4_4_4 | 4 | XYZW | 4 | 4 | - | 1 |
| FMT_10_11_11 | 3 | XY/ZX | 4 | 2 | - | 2 |
| FMT_11_11_10 | 3 | XY/ZX | 4 | 2 | - | 2 |
| FMT_DXT1 | 4 | XYZW | 4 | 4 | - | 1 |
| FMT_DXT2_3 | 4 | XYZW | 4 | 4 | - | 1 |
| FMT_DXT4_5 | 4 | XYZW | 4 | 4 | - | 1 |
| FMT_24_8 | 1 | X | 1 | 1 | YZW→X | 1 |
| FMT_24_8_FLOAT | 1 | X | 1 | 1 | YZW→X | 1 |
| FMT_16 | 1 | XX | 2 | 2 | Z→X W→Y | 1 |
| FMT_16_16 | 2 | XY | 2 | 2 | Z→X W→Y | 1 |
| FMT_16_16_16_16 | 4 | XY/ZW | 4 | 2 | - | 2 |
| FMT_16_EXPAND | 1 | X | 1 | 1 | YZW→X | 1 |
| FMT_16_16_EXPAND | 2 | X/Y | 2 | 1 | Z→X W→Y | 2 |
| FMT_16_16_16_16_EXPAND | 4 | X/Y/Z/W | 4 | 1 | - | 4 |
| FMT_16_FLOAT | 1 | XX | 2 | 2 | Z→X W→Y | 1 |
| FMT_16_16_FLOAT | 2 | XY | 2 | 2 | Z→X W→Y | 1 |
| FMT_16_16_16_16_FLOAT | 4 | XY/ZW | 4 | 2 | - | 2 |
| FMT_32 | 1 | X | 1 | 1 | YZW→X | 1 |
| FMT_32_32 | 2 | X/Y | 2 | 1 | Z→X W→Y | 2 |
| FMT_32_32_32_32 | 4 | X/Y/Z/W | 4 | 1 | - | 4 |
| FMT_32_FLOAT | 1 | X | 1 | 1 | YZW→X | 1 |
| FMT_32_32_FLOAT | 2 | X/Y | 2 | 1 | Z→X W→Y | 2 |
| FMT_32_32_32_32_FLOAT | 4 | X/Y/Z/W | 4 | 1 | - | 4 |
| FMT_32_AS_8 | 1 | XXXX | 4 | 4 | - | 1 |
| FMT_32_AS_8_8 | 2 | XYXY | 4 | 4 | - | 1 |
| FMT_16_MPEG | 1 | XX | 2 | 2 | Z→X W→Y | 1 |
| FMT_16_16_MPEG | 2 | XY | 2 | 2 | Z→X W→Y | 1 |
| FMT_8_INTERLACED | 1 | XXXX | 4 | 4 | - | 1 |
| FMT_32_AS_8_INTERLACED | 1 | XXXX | 4 | 4 | - | 1 |
| FMT_32_AS_8_8_INTERLACED | 2 | XYXY | 4 | 4 | - | 1 |
| FMT_16_INTERLACED | 1 | XX | 2 | 2 | Z→X W→Y | 1 |
| FMT_16_MPEG_INTERLACED | 1 | XX | 2 | 2 | Z→X W→Y | 1 |
| FMT_16_16_MPEG_INTERLACED | 2 | XY | 2 | 2 | Z→X W→Y | 1 |
| FMT_DXN | 2 | XY | 2 | 2 | Z→X W→Y | 1 |
| FMT_8_8_8_8_AS_16_16_16_16 | 4 | XY/ZW | 4 | 2 | - | 2 |
| FMT_DXT1_AS_16_16_16_16 | 4 | XY/ZW | 4 | 2 | - | 2 |
| FMT_DXT2_3_AS_16_16_16_16 | 4 | XY/ZW | 4 | 2 | - | 2 |
| FMT_DXT4_5_AS_16_16_16_16 | 4 | XY/ZW | 4 | 2 | - | 2 |

| Format | #Chans (MC) | Repl. (TC) | #Chans (TC) | #Chans (TC→TP) | Repl. (TP) | #Loops (TP) |
|---|---|---|---|---|---|---|
| FMT_8 | 1 | XXXX | 4 | 4 | - | 1 |
| FMT_1_5_5_5 | 4 | XYZW | 4 | 4 | - | 1 |
| FMT_5_6_5 | 3 | XYZX | 4 | 4 | - | 1 |
| FMT_6_5_5 | 3 | XYZX | 4 | 4 | - | 1 |
| FMT_8_8_8_8 | 4 | XYZW | 4 | 4 | - | 1 |
| FMT_2_10_10_10 | 4 | XY/ZW | 4 | 2 | - | 2 |
| FMT_8_A | 1 | XXXX | 4 | 4 | - | 1 |
| FMT_8_B | 1 | XXXX | 4 | 4 | - | 1 |
| FMT_8_8 | 2 | XYXY | 4 | 4 | - | 1 |
| FMT_Cr_Y1_Cb_Y0_REP | 3 | XYZX | 4 | 4 | - | 1 |
| FMT_Y1_Cr_Y0_Cb_REP | 3 | XYZX | 4 | 4 | - | 1 |
| FMT_8_8_8_8_A | 4 | XYZW | 4 | 4 | - | 1 |
| FMT_4_4_4_4 | 4 | XYZW | 4 | 4 | - | 1 |
| FMT_10_11_11 | 3 | XY/ZX | 4 | 2 | - | 2 |
| FMT_11_11_10 | 3 | XY/ZX | 4 | 2 | - | 2 |
| FMT_DXT1 | 4 | XYZW | 4 | 4 | - | 1 |
| FMT_DXT2_3 | 4 | XYZW | 4 | 4 | - | 1 |
| FMT_DXT4_5 | 4 | XYZW | 4 | 4 | - | 1 |
| FMT_16_16_16_16 | 4 | XY/ZW | 4 | 2 | - | 2 |
| FMT_16_16_16_16_EXPAND | 4 | X/Y/Z/W | 4 | 1 | - | 4 |
| FMT_16_16_16_16_FLOAT | 4 | XY/ZW | 4 | 2 | - | 2 |
| FMT_32_32_32_32 | 4 | X/Y/Z/W | 4 | 1 | - | 4 |
| FMT_32_32_32_32_FLOAT | 4 | X/Y/Z/W | 4 | 1 | - | 4 |
| FMT_32_AS_8 | 1 | XXXX | 4 | 4 | - | 1 |
| FMT_32_AS_8_8 | 2 | XYXY | 4 | 4 | - | 1 |
| FMT_8_INTERLACED | 1 | XXXX | 4 | 4 | - | 1 |
| FMT_32_AS_8_INTERLACED | 1 | XXXX | 4 | 4 | - | 1 |
| FMT_32_AS_8_8_INTERLACED | 2 | XYXY | 4 | 4 | - | 1 |
| FMT_8_8_8_8_AS_16_16_16_16 | 4 | XY/ZW | 4 | 2 | - | 2 |
| FMT_DXT1_AS_16_16_16_16 | 4 | XY/ZW | 4 | 2 | - | 2 |
| FMT_DXT2_3_AS_16_16_16_16 | 4 | XY/ZW | 4 | 2 | - | 2 |
| FMT_DXT4_5_AS_16_16_16_16 | 4 | XY/ZW | 4 | 2 | - | 2 |
| | | | | | | |
| FMT_16 | 1 | XX | 2 | 2 | Z→X W→Y | 1 |
| FMT_16_16 | 2 | XY | 2 | 2 | Z→X W→Y | 1 |
| FMT_16_16_EXPAND | 2 | X/Y | 2 | 1 | Z→X W→Y | 2 |
| FMT_16_FLOAT | 1 | XX | 2 | 2 | Z→X W→Y | 1 |
| FMT_16_16_FLOAT | 2 | XY | 2 | 2 | Z→X W→Y | 1 |
| FMT_32_32 | 2 | X/Y | 2 | 1 | Z→X W→Y | 2 |
| FMT_32_32_FLOAT | 2 | X/Y | 2 | 1 | Z→X W→Y | 2 |
| FMT_16_MPEG | 1 | XX | 2 | 2 | Z→X W→Y | 1 |
| FMT_16_16_MPEG | 2 | XY | 2 | 2 | Z→X W→Y | 1 |
| FMT_16_INTERLACED | 1 | XX | 2 | 2 | Z→X W→Y | 1 |
| FMT_16_MPEG_INTERLACED | 1 | XX | 2 | 2 | Z→X W→Y | 1 |
| FMT_16_16_MPEG_INTERLACED | 2 | XY | 2 | 2 | Z→X W→Y | 1 |
| FMT_DXN | 2 | XY | 2 | 2 | Z→X W→Y | 1 |
| | | | | | | |
| FMT_1_REVERSE | 1 | X | 1 | 1 | YZW→X | 1 |
| FMT_1 | 1 | X | 1 | 1 | YZW→X | 1 |
| FMT_24_8 | 1 | X | 1 | 1 | YZW→X | 1 |
| FMT_24_8_FLOAT | 1 | X | 1 | 1 | YZW→X | 1 |
| FMT_16_EXPAND | 1 | X | 1 | 1 | YZW→X | 1 |
| FMT_32 | 1 | X | 1 | 1 | YZW→X | 1 |
| FMT_32_FLOAT | 1 | X | 1 | 1 | YZW→X | 1 |



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| | Format | #Chans (MC) | Repl. (TC) | #Chans (TC) | #Chans (TC→TP) | Repl. (TP) | #Loops (TP) |
|---|---|---|---|---|---|---|---|
| Non-degamma | FMT_8 | 1 | XXXX | 4 | 4 | - | 1 |
| | FMT_8_A | 1 | XXXX | 4 | 4 | - | 1 |
| | FMT_8_B | 1 | XXXX | 4 | 4 | - | 1 |
| | FMT_8_8 | 2 | XYXY | 4 | 4 | - | 1 |
| | FMT_32_AS_8 | 1 | XXXX | 4 | 4 | - | 1 |
| | FMT_32_AS_8_8 | 2 | XYXY | 4 | 4 | - | 1 |
| | FMT_8_INTERLACED | 1 | XXXX | 4 | 4 | - | 1 |
| | FMT_32_AS_8_INTERLACED | 1 | XXXX | 4 | 4 | - | 1 |
| | FMT_32_AS_8_8_INTERLACED | 2 | XYXY | 4 | 4 | - | 1 |
| Degamma | FMT_8 | 1 | XX | 2 | 2 | Z→X W→Y | 1 |
| | FMT_8_A | 1 | XX | 2 | 2 | Z→X W→Y | 1 |
| | FMT_8_B | 1 | XX | 2 | 2 | Z→X W→Y | 1 |
| | FMT_8_8 | 2 | XY | 2 | 2 | Z→X W→Y | 1 |
| | FMT_32_AS_8 | 1 | XX | 2 | 2 | Z→X W→Y | 1 |
| | FMT_32_AS_8_8 | 3 | XY | 2 | 2 | Z→X W→Y | 1 |
| | FMT_8_INTERLACED | 1 | XX | 2 | 2 | Z→X W→Y | 1 |
| | FMT_32_AS_8_INTERLACED | 1 | XX | 2 | 2 | Z→X W→Y | 1 |
| | FMT_32_AS_8_8_INTERLACED | 2 | XY | 2 | 2 | Z→X W→Y | 1 |
| Degamma/Non-degamma | FMT_1_5_5_5 | 4 | XYZW | 4 | 4 | - | 1 |
| | FMT_5_6_5 | 3 | XYZX | 4 | 4 | - | 1 |
| | FMT_6_5_5 | 3 | XYZX | 4 | 4 | - | 1 |
| | FMT_8_8_8_8 | 4 | XYZW | 4 | 4 | - | 1 |
| | FMT_2_10_10_10 | 4 | XY/ZW | 4 | 2 | - | 2 |
| | FMT_Cr_Y1_Cb_Y0_REP | 3 | XYZX | 4 | 4 | - | 1 |
| | FMT_Y1_Cr_Y0_Cb_REP | 3 | XYZX | 4 | 4 | - | 1 |
| | FMT_8_8_8_8_A | 4 | XYZW | 4 | 4 | - | 1 |
| | FMT_4_4_4_4 | 4 | XYZW | 4 | 4 | - | 1 |
| | FMT_10_11_11 | 3 | XY/ZX | 4 | 2 | - | 2 |
| | FMT_11_11_10 | 3 | XY/ZX | 4 | 2 | - | 2 |
| | FMT_DXT1 | 4 | XYZW | 4 | 4 | - | 1 |
| | FMT_DXT2_3 | 4 | XYZW | 4 | 4 | - | 1 |
| | FMT_DXT4_5 | 4 | XYZW | 4 | 4 | - | 1 |
| | FMT_16_16_16_16 | 4 | XY/ZW | 4 | 2 | - | 2 |
| | FMT_16_16_16_16_EXPAND | 4 | X/Y/Z/W | 4 | 1 | - | 4 |
| | FMT_16_16_16_16_FLOAT | 4 | XY/ZW | 4 | 2 | - | 2 |
| | FMT_32_32_32_32 | 4 | X/Y/Z/W | 4 | 1 | - | 4 |
| | FMT_32_32_32_32_FLOAT | 4 | X/Y/Z/W | 4 | 1 | - | 4 |
| | FMT_8_8_8_8_AS_16_16_16_16 | 4 | XY/ZW | 4 | 2 | - | 2 |
| | FMT_DXT1_AS_16_16_16_16 | 4 | XY/ZW | 4 | 2 | - | 2 |
| | FMT_DXT2_3_AS_16_16_16_16 | 4 | XY/ZW | 4 | 2 | - | 2 |
| | FMT_DXT4_5_AS_16_16_16_16 | 4 | XY/ZW | 4 | 2 | - | 2 |
| | FMT_16 | 1 | XX | 2 | 2 | Z→X W→Y | 1 |
| | FMT_16_16 | 2 | XY | 2 | 2 | Z→X W→Y | 1 |
| | FMT_16_16_EXPAND | 2 | X/Y | 2 | 1 | Z→X W→Y | 2 |
| | FMT_16_FLOAT | 1 | XX | 2 | 2 | Z→X W→Y | 1 |
| | FMT_16_16_FLOAT | 2 | XY | 2 | 2 | Z→X W→Y | 1 |
| | FMT_32_32 | 2 | X/Y | 2 | 1 | Z→X W→Y | 2 |
| | FMT_32_32_FLOAT | 2 | X/Y | 2 | 1 | Z→X W→Y | 2 |
| | FMT_16_MPEG | 1 | XX | 2 | 2 | Z→X W→Y | 1 |
| | FMT_16_16_MPEG | 2 | XY | 2 | 2 | Z→X W→Y | 1 |
| | FMT_16_INTERLACED | 1 | XX | 2 | 2 | Z→X W→Y | 1 |
| | FMT_16_MPEG_INTERLACED | 1 | XX | 2 | 2 | Z→X W→Y | 1 |
| | FMT_16_16_MPEG_INTERLACED | 2 | XY | 2 | 2 | Z→X W→Y | 1 |
| | FMT_DXN | 2 | XY | 2 | 2 | Z→X W→Y | 1 |
| | FMT_1_REVERSE | 1 | X | 1 | 1 | YZW→X | 1 |
| | FMT_1 | 1 | X | 1 | 1 | YZW→X | 1 |
| | FMT_24_8 | 1 | X | 1 | 1 | YZW→X | 1 |
| | FMT_24_8_FLOAT | 1 | X | 1 | 1 | YZW→X | 1 |
| | FMT_16_EXPAND | 1 | X | 1 | 1 | YZW→X | 1 |
| | FMT_32 | 1 | X | 1 | 1 | YZW→X | 1 |
| | FMT_32_FLOAT | 1 | X | 1 | 1 | YZW→X | 1 |

| Format | Degamma | #Chans (MC) | Repl. (TC) | #Chans (TC) | #Chans (TC→TP) | Repl. (TP) | #Loops (TP) |
|---|---|---|---|---|---|---|---|
| FMT_8 | 0 | 1 | XXXX | 4 | 4 | - | 1 |
| FMT_8_A | 0 | 1 | XXXX | 4 | 4 | - | 1 |
| FMT_8_B | 0 | 1 | XXXX | 4 | 4 | - | 1 |
| FMT_32_AS_8 | 0 | 1 | XXXX | 4 | 4 | - | 1 |
| FMT_8_INTERLACED | 0 | 1 | XXXX | 4 | 4 | - | 1 |
| FMT_32_AS_8_INTERLACED | 0 | 1 | XXXX | 4 | 4 | - | 1 |
| FMT_8 | 1 | 1 | XX | 2 | 2 | Z→X W→Y | 1 |
| FMT_8_A | 1 | 1 | XX | 2 | 2 | Z→X W→Y | 1 |
| FMT_8_B | 1 | 1 | XX | 2 | 2 | Z→X W→Y | 1 |
| FMT_32_AS_8 | 1 | 1 | XX | 2 | 2 | Z→X W→Y | 1 |
| FMT_8_INTERLACED | 1 | 1 | XX | 2 | 2 | Z→X W→Y | 1 |
| FMT_32_AS_8_INTERLACED | 1 | 1 | XX | 2 | 2 | Z→X W→Y | 1 |
| FMT_16 | x | 1 | XX | 2 | 2 | Z→X W→Y | 1 |
| FMT_16_FLOAT | x | 1 | XX | 2 | 2 | Z→X W→Y | 1 |
| FMT_16_MPEG | x | 1 | XX | 2 | 2 | Z→X W→Y | 1 |
| FMT_16_INTERLACED | x | 1 | XX | 2 | 2 | Z→X W→Y | 1 |
| FMT_16_MPEG_INTERLACED | x | 1 | XX | 2 | 2 | Z→X W→Y | 1 |
| FMT_1_REVERSE | x | 1 | X | 1 | 1 | YZW→X | 1 |
| FMT_1 | x | 1 | X | 1 | 1 | YZW→X | 1 |
| FMT_24_8 | x | 1 | X | 1 | 1 | YZW→X | 1 |
| FMT_24_8_FLOAT | x | 1 | X | 1 | 1 | YZW→X | 1 |
| FMT_16_EXPAND | x | 1 | X | 1 | 1 | YZW→X | 1 |
| FMT_32 | x | 1 | X | 1 | 1 | YZW→X | 1 |
| FMT_32_FLOAT | x | 1 | X | 1 | 1 | YZW→X | 1 |
| | | | | | | | |
| FMT_8_8 | 0 | 2 | XYXY | 4 | 4 | - | 1 |
| FMT_32_AS_8_8 | 0 | 2 | XYXY | 4 | 4 | - | 1 |
| FMT_32_AS_8_8_INTERLACED | 0 | 2 | XYXY | 4 | 4 | - | 1 |
| FMT_8_8 | 1 | 2 | XY | 2 | 2 | Z→X W→Y | 1 |
| FMT_32_AS_8_8 | 1 | 2 | XY | 2 | 2 | Z→X W→Y | 1 |
| FMT_32_AS_8_8_INTERLACED | 1 | 2 | XY | 2 | 2 | Z→X W→Y | 1 |
| FMT_16_16 | x | 2 | XY | 2 | 2 | Z→X W→Y | 1 |
| FMT_16_16_FLOAT | x | 2 | XY | 2 | 2 | Z→X W→Y | 1 |
| FMT_16_16_MPEG | x | 2 | XY | 2 | 2 | Z→X W→Y | 1 |
| FMT_16_16_MPEG_INTERLACED | x | 2 | XY | 2 | 2 | Z→X W→Y | 1 |
| FMT_DXN | x | 2 | XY | 2 | 2 | Z→X W→Y | 1 |
| FMT_16_16_EXPAND | x | 2 | X/Y | 2 | 1 | Z→X W→Y | 2 |
| FMT_32_32 | x | 2 | X/Y | 2 | 1 | Z→X W→Y | 2 |
| FMT_32_32_FLOAT | x | 2 | X/Y | 2 | 1 | Z→X W→Y | 2 |
| | | | | | | | |
| FMT_5_6_5 | x | 3 | XYZX | 4 | 4 | - | 1 |
| FMT_6_5_5 | x | 3 | XYZX | 4 | 4 | - | 1 |
| FMT_Cr_Y1_Cb_Y0_REP | x | 3 | XYZX | 4 | 4 | - | 1 |
| FMT_Y1_Cr_Y0_Cb_REP | x | 3 | XYZX | 4 | 4 | - | 1 |
| FMT_10_11_11 | x | 3 | XY/ZX | 4 | 2 | - | 2 |
| FMT_11_11_10 | x | 3 | XY/ZX | 4 | 2 | - | 2 |
| | | | | | | | |
| FMT_1_5_5_5 | x | 4 | XYZW | 4 | 4 | - | 1 |
| FMT_8_8_8_8 | x | 4 | XYZW | 4 | 4 | - | 1 |
| FMT_8_8_8_8_A | x | 4 | XYZW | 4 | 4 | - | 1 |
| FMT_4_4_4_4 | x | 4 | XYZW | 4 | 4 | - | 1 |
| FMT_DXT1 | x | 4 | XYZW | 4 | 4 | - | 1 |
| FMT_DXT2_3 | x | 4 | XYZW | 4 | 4 | - | 1 |
| FMT_DXT4_5 | x | 4 | XYZW | 4 | 4 | - | 1 |
| FMT_2_10_10_10 | x | 4 | XY/ZW | 4 | 2 | - | 2 |
| FMT_16_16_16_16 | x | 4 | XY/ZW | 4 | 2 | - | 2 |
| FMT_16_16_16_16_FLOAT | x | 4 | XY/ZW | 4 | 2 | - | 2 |
| FMT_8_8_8_8_AS_16_16_16_16 | x | 4 | XY/ZW | 4 | 2 | - | 2 |
| FMT_DXT1_AS_16_16_16_16 | x | 4 | XY/ZW | 4 | 2 | - | 2 |
| FMT_DXT2_3_AS_16_16_16_16 | x | 4 | XY/ZW | 4 | 2 | - | 2 |
| FMT_DXT4_5_AS_16_16_16_16 | x | 4 | XY/ZW | 4 | 2 | - | 2 |
| FMT_16_16_16_16_EXPAND | x | 4 | X/Y/Z/W | 4 | 1 | - | 4 |
| FMT_32_32_32_32 | x | 4 | X/Y/Z/W | 4 | 1 | - | 4 |
| FMT_32_32_32_32_FLOAT | x | 4 | X/Y/Z/W | 4 | 1 | - | 4 |



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| Format | Degamma | #Chans (MC) | Repl. (TC) | #Chans (TC) | #Chans (TC→TP) | Repl. (TP) | #Loops (TP) |
|---|---|---|---|---|---|---|---|
| FMT_8<br>FMT_8_A<br>FMT_8_B<br>FMT_32_AS_8<br>FMT_8_INTERLACED<br>FMT_32_AS_8_INTERLACED | 0 | 1 | XXXX | 4 | 4 | - | 1 |
| FMT_8<br>FMT_8_A<br>FMT_8_B<br>FMT_32_AS_8<br>FMT_8_INTERLACED<br>FMT_32_AS_8_INTERLACED | 1 | 1 | XX | 2 | 2 | Z→X W→Y | 1 |
| FMT_16<br>FMT_16_FLOAT<br>FMT_16_MPEG<br>FMT_16_INTERLACED<br>FMT_16_MPEG_INTERLACED | x | 1 | XX | 2 | 2 | Z→X W→Y | 1 |
| FMT_1_REVERSE<br>FMT_1<br>FMT_24_8<br>FMT_24_8_FLOAT<br>FMT_16_EXPAND<br>FMT_32<br>FMT_32_FLOAT | x | 1 | X | 1 | 1 | YZW→X | 1 |
| FMT_8_8<br>FMT_32_AS_8_8<br>FMT_32_AS_8_8_INTERLACED | 0 | 2 | XYXY | 4 | 4 | - | 1 |
| FMT_8_8<br>FMT_32_AS_8_8<br>FMT_32_AS_8_8_INTERLACED | 1 | 2 | XY | 2 | 2 | Z→X W→Y | 1 |
| FMT_16_16<br>FMT_16_16_FLOAT<br>FMT_16_16_MPEG<br>FMT_16_16_MPEG_INTERLACED<br>FMT_DXN | x | 2 | XY | 2 | 2 | Z→X W→Y | 1 |
| FMT_16_16_EXPAND<br>FMT_32_32<br>FMT_32_32_FLOAT | x | 2 | X/Y | 2 | 1 | Z→X W→Y | 2 |
| FMT_5_6_5<br>FMT_6_5_5<br>FMT_Cr_Y1_Cb_Y0_REP<br>FMT_Y1_Cr_Y0_Cb_REP | x | 3 | XYZX | 4 | 4 | - | 1 |
| FMT_10_11_11<br>FMT_11_11_10 | x | 3 | XY/ZX | 4 | 2 | - | 2 |
| FMT_1_5_5_5<br>FMT_8_8_8_8<br>FMT_8_8_8_8_A<br>FMT_4_4_4_4<br>FMT_DXT1<br>FMT_DXT2_3<br>FMT_DXT4_5 | x | 4 | XYZW | 4 | 4 | - | 1 |
| FMT_2_10_10_10<br>FMT_16_16_16_16<br>FMT_16_16_16_16_FLOAT<br>FMT_8_8_8_8_AS_16_16_16_16<br>FMT_DXT1_AS_16_16_16_16<br>FMT_DXT2_3_AS_16_16_16_16<br>FMT_DXT4_5_AS_16_16_16_16 | x | 4 | XY/ZW | 4 | 2 | - | 2 |
| FMT_16_16_16_16_EXPAND<br>FMT_32_32_32_32<br>FMT_32_32_32_32_FLOAT | x | 4 | X/Y/Z/W | 4 | 1 | - | 4 |

| #Chans (MC) | Degamma | Format | Repl. (TC) | #Chans (TC) | #Chans (TC→TP) | Repl. (TP) | #Loops (TP) |
|---|---|---|---|---|---|---|---|
| 1 | 0 | FMT_8<br>FMT_8_A<br>FMT_8_B<br>FMT_32_AS_8<br>FMT_8_INTERLACED<br>FMT_32_AS_8_INTERLACED | XXXX | 4 | 4 | - | 1 |
| | 1 | FMT_8<br>FMT_8_A<br>FMT_8_B<br>FMT_32_AS_8<br>FMT_8_INTERLACED<br>FMT_32_AS_8_INTERLACED | XX | 2 | 2 | X→X W→Y | 1 |
| | 2 | FMT_16<br>FMT_16_FLOAT<br>FMT_16_MPEG<br>FMT_16_INTERLACED<br>FMT_16_MPEG_INTERLACED | XX | 2 | 2 | X→X W→Y | 1 |
| | 4 | FMT_1_REVERSE<br>FMT_1<br>FMT_24_8<br>FMT_24_8_FLOAT<br>FMT_16_EXPAND<br>FMT_32<br>FMT_32_FLOAT | X | 1 | 1 | YZW→X | 1 |
| 2 | 0 | FMT_8_8<br>FMT_32_AS_8_8<br>FMT_32_AS_8_8_INTERLACED | XYXY | 4 | 4 | - | 1 |
| | 1 | FMT_8_8<br>FMT_32_AS_8_8<br>FMT_32_AS_8_8_INTERLACED | XY | 2 | 2 | X→X W→Y | 1 |
| | 4 | FMT_16_16<br>FMT_16_16_FLOAT<br>FMT_16_16_MPEG<br>FMT_16_16_MPEG_INTERLACED<br>FMT_DXN | XY | 2 | 2 | X→X W→Y | 1 |
| | | FMT_16_16_EXPAND<br>FMT_32_32<br>FMT_32_32_FLOAT | X/Y | 2 | 1 | X→X W→Y | 2 |
| 3 | 0 | FMT_5_6_5<br>FMT_6_5_5<br>FMT_Cr_Y1_Cb_Y0_REP<br>FMT_Y1_Cr_Y0_Cb_REP | XYZX | 4 | 4 | - | 1 |
| | | FMT_10_11_11<br>FMT_11_11_10 | XY/ZX | 4 | 2 | - | 2 |
| 4 | 0 | FMT_1_5_5_5<br>FMT_8_8_8_8<br>FMT_8_8_8_8_A<br>FMT_4_4_4_4<br>FMT_DXT1<br>FMT_DXT2_3<br>FMT_DXT4_5 | XYZW | 4 | 4 | - | 1 |
| | | FMT_2_10_10_10<br>FMT_16_16_16_16<br>FMT_16_16_16_16_FLOAT<br>FMT_8_8_8_8_AS_16_16_16_16<br>FMT_DXT1_AS_16_16_16_16<br>FMT_DXT2_3_AS_16_16_16_16<br>FMT_DXT4_5_AS_16_16_16_16 | XY/ZW | 4 | 2 | - | 2 |
| | | FMT_16_16_16_16_EXPAND<br>FMT_32_32_32_32<br>FMT_32_32_32_32_FLOAT | X/Y/Z/W | 4 | 1 | - | 4 |

| Format | Degamma | #Chans (MC) | Repl. (TC) | #Chans (TC) | #Chans (TC→TP) | Repl. (TP) | #Loops (TP) |
|---|---|---|---|---|---|---|---|
| FMT_8<br>FMT_8_A<br>FMT_8_B<br>FMT_32_AS_8<br>FMT_8_INTERLACED<br>FMT_32_AS_8_INTERLACED | X | 1 | XXXX | 4 | 4 | - | 1 |
| FMT_8<br>FMT_8_A<br>FMT_8_B<br>FMT_32_AS_8<br>FMT_8_INTERLACED<br>FMT_32_AS_8_INTERLACED | 1 | 1 | XX | 2 | 2 | Z→X W→Y | 1 |
| FMT_16<br>FMT_16_FLOAT<br>FMT_16_MPEG<br>FMT_16_INTERLACED<br>FMT_16_MPEG_INTERLACED | x | 1 | XX | 2 | 2 | Z→X W→Y | 1 |
| FMT_1_REVERSE<br>FMT_1<br>FMT_24_8<br>FMT_24_8_FLOAT<br>FMT_16_EXPAND<br>FMT_32<br>FMT_32_FLOAT | x | 1 | X | 1 | 1 | YZW→X | 1 |
| FMT_8_8<br>FMT_32_AS_8_8<br>FMT_32_AS_8_8_INTERLACED | 0 | 2 | XYXY | 4 | 4 | - | 1 |
| FMT_8_8<br>FMT_32_AS_8_8<br>FMT_32_AS_8_8_INTERLACED | 1 | 2 | XY | 2 | 2 | Z→X W→Y | 1 |
| FMT_16_16<br>FMT_16_16_FLOAT<br>FMT_16_16_MPEG<br>FMT_16_16_MPEG_INTERLACED<br>FMT_DXN | x | 2 | XY | 2 | 2 | Z→X W→Y | 1 |
| FMT_16_16_EXPAND<br>FMT_32_32<br>FMT_32_32_FLOAT | x | 2 | X/Y | 2 | 1 | Z→X W→Y | 2 |
| FMT_5_6_5<br>FMT_6_5_5<br>FMT_Cr_Y1_Cb_Y0_REP<br>FMT_Y1_Cr_Y0_Cb_REP | x | 3 | XYZX | 4 | 4 | - | 1 |
| FMT_10_11_11<br>FMT_11_11_10 | x | 3 | XY/ZX | 4 | 2 | - | 2 |
| FMT_1_5_5_5<br>FMT_8_8_8_8<br>FMT_8_8_8_8_A<br>FMT_4_4_4_4<br>FMT_DXT1<br>FMT_DXT2_3<br>FMT_DXT4_5 | x | 4 | XYZW | 4 | 4 | - | 1 |
| FMT_2_10_10_10<br>FMT_16_16_16_16<br>FMT_16_16_16_16_FLOAT<br>FMT_8_8_8_8_AS_16_16_16_16<br>FMT_DXT1_AS_16_16_16_16<br>FMT_DXT2_3_AS_16_16_16_16<br>FMT_DXT4_5_AS_16_16_16_16 | x | 4 | XY/ZW | 4 | 2 | - | 2 |
| FMT_16_16_16_16_EXPAND<br>FMT_32_32_32_32<br>FMT_32_32_32_32_FLOAT | x | 4 | X/Y/Z/W | 4 | 1 | - | 4 |

# 11. External Interfaces

## 11.1 Shader Pipe Interface

### 11.1.1 Data Request

The logic unit that is transferred from the shader pipe to the texture pipe is a block of 16 pixels.

Over four clocks the following data is sent four times (in phase order), for each pipe:

| Name | Bits | Description |
|---|---|---|
| SPn_TPn_fetch_addr | 384 | 3 Fetch Addresses read from the Register file, 4 pixels worth |

Actually, all 4 floats are read (512 bits), but only 3 are kept (after the source swizzle). This requires TP logic on the SP side which does the swizzling using the SRC_SEL_{XYZW} fields from the instruction. It also requires some logic to send the instruction swizzle bits from the SQ to the SPs.

*Open issue: how many bits can we strip from the coordinates before we start affecting results. I suspect we can remove as many as eight bits. The issue is that we still need to be able to support a 1D texture that is 2^30 in size. Since that is larger than a 32-bit float can handle, this needs to be special cased in any case, so I expect we can work around it. [see section 8]*

### 11.1.2 Data Return

This interface doesn't actually represent the SP←TP bus. That bus is narrower (see section 8.1). The following table only describes the eventual data the SP gets from the TP, after all the conversions have occurred.
We have 4 of these interfaces, one per pipe.

| Name | Bits | Description |
|---|---|---|
| TPn_SPn_data | 512 | 4 32-bit components result, 4 pixels worth |
| TPn_SPn_pmask | 4 | Pixel mask |
| TPx_SPx_gpr_dst | 7 | Write address into the GPRs |
| TPx_SPx_gpr_cmask | 4 | Channel mask. Supports the ability to mask any of the 32 bit channel of the fetch return data |

The last two filed (gpr_dst and gpr_cmask) can potentially be serialized over 4 clocks (if need warrants).

## 11.2 Sequencer Interface

The sequencer (SQ), which controls the SP's execution, takes care of sending common information of shader execution to the TPs. This is done through the TPC.

### 11.2.1 Control bus

The sequencer is reponsible for sending instructions and constants to the TPC. Since that information is valid during 4 phases, we can narrow the bus to one-fourth, and spread the bits into multiple clocks. The description of these bits is described in another document (r400TxVtxInstConst.xls). It also sends multisampling LOD correction bits, as well as the pixel masks (already modified for predication)

| Name | Bits | Description |
|---|---|---|
| TPx_SQ_data_rdy | 1 | Data ready |
| TPx_SQ_rs_line_num | 6 | Line number in the Reservation station |
| TPx_SQ_type | 1 | Type of data sent (0:PIXEL, 1:VERTEX) |
| SQ_TPx_send | 1 | Sending valid data |
| SQ_TPx_const | 48 | Fetch state sent over 4 clocks (192 bits total) |
| SQ_TPx_instr | 24 | Fetch instruction sent over 4 clocks |
| SQ_TPx_end_of_group | 1 | Last instruction of the group |
| SQ_TPx_type | 1 | Type of data sent (0:PIXEL, 1:VERTEX) |
| SQ_TPx_gpr_phase | 2 | Write phase signal |
| SQ_TP0_lod_correct | 9 | LOD correct 3 bits per pixel, 3 pixels per quad |
| SQ_TP0_pix_mask | 4 | Pixel mask 1 bit per pixel |
| SQ_TP1_lod_correct | 9 | LOD correct 3 bits per pixel, 3 pixels per quad |
| SQ_TP1_pix_mask | 4 | Pixel mask 1 bit per pixel |
| SQ_TP2_lod_correct | 9 | LOD correct 3 bits per pixel, 3 pixels per quad |
| SQ_TP2_pix_mask | 4 | Pixel mask 1 bit per pixel |
| SQ_TP3_lod_correct | 9 | LOD correct 3 bits per pixel, 3 pixels per quad |
| SQ_TP3_pix_mask | 4 | Pixel mask 1 bit per pixel |

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| | | |
|---|---|---|
| SQ_TPx_rs_line_num | 6 | Line number in the Reservation station |
| SQ_TPx_write_gpr_index | 7 | Index into Register file for write of returned Fetch Data |

### 11.2.2 Texture stall

The TP sends this signal to the SQ when its input buffer is full. The SQ is going to send it to the SP X clocks after reception (maximum of 3 clocks of pipeline delay).

| Name | Direction | Bits | Description |
|---|---|---|---|
| TP_SQ_fetch_stall | SQ←TP | 1 | Do not send more texture requests when asserted |

## 11.3 Texture Cache Interface

### 11.3.1 Data Request

The output of the addressing logic to the L1 cache tag is the following for each of four pixels. The four addresses generated for each pixel make up the 2x2 sample that will be filtered bilinearly. In addition the texture base and format data is pipelined through to allow the base address for an individual map to be calculated.

The lowest two bits of each coordinate are not specified, as they are implicit in the coordinate the address is sent to. The 36 bits of coordinate are specified differently based on the texture dimension:

1D: X:24
2D: X:13 Y:13
3D: X:12 Y:12 Z:12

| Name | Bits | Description |
|---|---|---|
| TC_TP_rtr | 1 | One RTR signal broadcast to all four TPs |
| TPn_TC_p0_coord_top_left | 36 | XYZ coordinate inside the texture |
| TPn_TC_p0_coord_incr_x | 1 | Indicates what X coordinate to use on the right of top left.<br>0=Wrap to 0, 1=Add 1 to top left |
| TPn_TC_p0_coord_incr_y | 1 | Indicates what Y coordinate to use below top left.<br>0=Wrap to 0, 1=Add 1 to top left |
| TPn_TC_p0_valid_top_left | 1 | Valid bit |
| TPn_TC_p0_valid_top_right | 1 | Valid bit |
| TPn_TC_p0_valid_bottom_left | 1 | Valid bit |
| TPn_TC_p0_valid_bottom_right | 1 | Valid bit |
| TPn_TC_p0_map_id | 7 | Mipmap level (4) + cube face (3) |
| TPn_TC_p1_coord_top_left | 36 | XYZ coordinate inside the texture |
| TPn_TC_p1_coord_incr_x | 1 | Indicates what X coordinate to use on the right of top left.<br>0=Wrap to 0, 1=Add 1 to top left |
| TPn_TC_p1_coord_incr_y | 1 | Indicates what Y coordinate to use below top left.<br>0=Wrap to 0, 1=Add 1 to top left |
| TPn_TC_p1_valid_top_left | 1 | Valid bit |
| TPn_TC_p1_valid_top_right | 1 | Valid bit |
| TPn_TC_p1_valid_bottom_left | 1 | Valid bit |
| TPn_TC_p1_valid_bottom_right | 1 | Valid bit |
| TPn_TC_p1_map_id | 7 | Mipmap level (4) + cube face (3) |
| TPn_TC_p2_coord_top_left | 36 | XYZ coordinate inside the texture |
| TPn_TC_p2_coord_incr_x | 1 | Indicates what X coordinate to use on the right of top left.<br>0=Wrap to 0, 1=Add 1 to top left |
| TPn_TC_p2_coord_incr_y | 1 | Indicates what Y coordinate to use below top left.<br>0=Wrap to 0, 1=Add 1 to top left |
| TPn_TC_p2_valid_top_left | 1 | Valid bit |
| TPn_TC_p2_valid_top_right | 1 | Valid bit |



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| | | |
|---|---|---|
| TPn_TC_p2_valid_bottom_left | 1 | Valid bit |
| TPn_TC_p2_valid_bottom_right | 1 | Valid bit |
| TPn_TC_p2_map_id | 7 | Mipmap level (4) + cube face (3) |
| TPn_TC_p3_coord_top_left | 36 | XYZ coordinate inside the texture |
| TPn_TC_p3_coord_incr_x | 1 | Indicates what X coordinate to use on the right of top left.<br>0=Wrap to 0, 1=Add 1 to top left |
| TPn_TC_p3_coord_incr_y | 1 | Indicates what Y coordinate to use below top left.<br>0=Wrap to 0, 1=Add 1 to top left |
| TPn_TC_p3_valid_top_left | 1 | Valid bit |
| TPn_TC_p3_valid_top_right | 1 | Valid bit |
| TPn_TC_p3_valid_bottom_left | 1 | Valid bit |
| TPn_TC_p3_valid_bottom_right | 1 | Valid bit |
| TPn_TC_p3_map_id | 7 | Mipmap level (4) + cube face (3) |
| | 197 | |

### 11.3.2 Common Data

Addresses and format information is shared amongst all TPs, and is therefore sent only once per clock, instead of begin duplicated.

| Name | Bits | Description |
|---|---|---|
| TPC_TC_endian | 2 | Endian swap (in L2 tag, sent to MH) |
| TPC_TC_pri_addr | 20 | Texture base address for the base map (4KB-aligned) |
| TPC_TC_pri_pitch_x | 14 | Largest size is 8K + 2 |
| TPC_TC_pri_pitch_y | 14 | Largest size is 8K + 2 |
| TPC_TC_sec_addr | 20 | Texture base address for the mipmap chain (4KB-aligned) |
| TPC_TC_sec_pitch_x | 4 | Largest size is 4K+ border, in log scale; max value of 13 |
| TPC_TC_sec_pitch_y | 4 | Largest size is 4K+border, in log scale; max value of 13 |
| TPC_TC_sec_pitch_z | 4 | Largest size is 512 + border, in log scale; max value of 10 |
| TPC_TC_format | 6 | Format specifier (in L2 Tag ) |
| TPC_TC_tiled | 1 | Linear/Tiled (in L2 Tag) |
| TPC_TC_degamma | 4 | Degamma bit for each channel (in L2 Tag) |
| TPC_TC_invalidate_l1 | 1 | Invalidate the L1 Tags. Set on last set of requests in a 64-pixel vector. |
| TPC_TC_opcode | 3 | 0=FetchVertex<br>1=Fetch1DTextureMap<br>2=Fetch2DTextureMap<br>3=Fetch3DTextureMap<br>4=Fetch3DNoiseMap<br>5=FetchCubeMap<br>6=FetchShadowMap<br>7=FetchMultiSample |
| TC_TPC_rtr | 1 | Ready to receive signal |

### 11.3.3 Data Return

This is sent to the Blending unit. When this data is valid, then the Latency FIFO pops the required weights to complete the blend on the returned data.

| Name | Bits | Description |
|---|---|---|
| TC_TPn_p0_ee | 32 | Data from L1 cache |
| TC_TPn_p0_eo | 32 | Data from L1 cache |
| TC_TPn_p0_oe | 32 | Data from L1 cache |
| TC_TPn_p0_oo | 32 | Data from L1 cache |
| TC_TPn_p1_ee | 32 | Data from L1 cache |
| TC_TPn_p1_eo | 32 | Data from L1 cache |
| TC_TPn_p1_oe | 32 | Data from L1 cache |
| TC_TPn_p1_oo | 32 | Data from L1 cache |

| | | |
|---|---|---|
| TC_TPn_p2_ee | 32 | Data from L1 cache |
| TC_TPn_p2_eo | 32 | Data from L1 cache |
| TC_TPn_p2_oe | 32 | Data from L1 cache |
| TC_TPn_p2_oo | 32 | Data from L1 cache |
| TC_TPn_p3_ee | 32 | Data from L1 cache |
| TC_TPn_p3_eo | 32 | Data from L1 cache |
| TC_TPn_p3_oe | 32 | Data from L1 cache |
| TC_TPn_p3_oo | 32 | Data from L1 cache |
| TC_TPn_valid | 16 | Valid signal for each texel request |
| TPn_TC_rtr | 1 | Indicates to the TC if the TP blending unit is available |

# 12. Internal Interfaces

## 12.1 TPL→TPLW

## 12.2 TPLW→TPS

## 12.3 TPS→TPCW

## 12.4 TPCW→TPF

## 12.5 TPF→TPB

## 12.6 TPB→TPO

# 13. Register Specification

There are no state registers in the texture pipe.
There may be registers to explicitly invalidate the cache, but not likely, since we may autoflush the cache.
The only registers that will make it might be performance registers.

## 13.1 Performance registers

(what are the performance registers in the R200/R300? Do we have a unified plan for performance registers to save area or are we doing it per block?)
These registers are change behavior of the TP in case something goes wrong, or API specifications surprise us.

The mipmap optimization, if implemented, will probably be controlled via a performance register.

[NEW ONES]
ZERO_WEIGHT: Define what is the threshold value we consider to be 0 for weights used in filters.

## 13.2 Accounting registers

These registers are typically used for debugging, as they usually count occurences of specific events. Such events might be:

#of arbitrary filter load instructions
#of arbitrary filter load misses (where we actually did the load)
#of arbitrary filter delays due to lack of overlap

Counters for all of the other stall conditions.

Most of these should be surrounded with conditional compilation code so we can strip most of the out of the RV400 and possibly R450.

## 13.3 Implicit registers

These registers are not writable from the register bus. You will probably be able to read them for debug if and only if the chip is idle:

Register 65 of the arbitrary texture filer (four instances).
The 64x32 memory for arbitrary texture filters.

[NEW ONES]
REG_LOD: One of the 4 LODs used in the LOD computation.
REG_GRADIENTS:

BELOW CONTAINS THINGS TO REMOVE
IF ABOVE IS OK

# 14. Blending

## 14.1 Blending

Blending is done when the data coming from the TC is indicated as valid. When it is the case, control information needed to do the blend is pulled from the TPLF, and is used on the texels returned from the TC.

### 14.1.1 RenderState that matters (from latency fifo)

| Name | Bits | Description |
|---|---|---|
| Sign format | 2 | 0: unsigned<br>1: Signed (2's complement)<br>2: Signed biased (subtract .5 multiply by two)<br>3: unused |
| Type | 2 | 0: normal quad of pixels<br>1: all four sets of 2x2 samples are for just one pixel. (see open issue on this one) |
| Filter format | 2 | 0:4x8<br>1:2x16<br>2:1x32<br>Defines the number of channels in the texture |

### 14.1.2 Weight Generate

Need to add documentation on how the arbitrary filter gets loaded.

| Name | Bits | Description |
|---|---|---|
| P0_Wx | 6 | Fractional center for pixel 0 |
| P0_Wy | 6 | Fractional center for pixel 0 |
| P1_Wx | 6 | Fractional center for pixel 1 |
| P1_Wy | 6 | Fractional center for pixel 1 |
| P2_Wx | 6 | Fractional center for pixel 2 |
| P2_Wy | 6 | Fractional center for pixel 2 |
| P3_Wx | 6 | Fractional center for pixel 3 |
| P3_Wy | 6 | Fractional center for pixel 3 |
| P0_flipx | 1 | Indicates which of the four samples is the top left |
| P0_flipy | 1 | Indicates which of the four samples is the top left |
| P1_flipx | 1 | Indicates which of the four samples is the top left |
| P1_flipy | 1 | Indicates which of the four samples is the top left |
| P2_flipx | 1 | Indicates which of the four samples is the top left |
| P2_flipy | 1 | Indicates which of the four samples is the top left |
| P3_flipx | 1 | Indicates which of the four samples is the top left |
| P3_flipy | 1 | Indicates which of the four samples is the top left |
| | | Pn_flip are merged into position_x[1:0] and position_y[1:0] for a bi-cubic filter |
| Slot | 3 | Which filter to generate:<br>0: Linear<br>1 to 7: arbitrary |
| Type | 1 | 0) Symmetric<br>1) Asymmetric |

### 14.1.3 Weight generate

| Name | Bits | Description |
|---|---|---|
| P0_wEE | 14 | 14 bit 2's complement signed weight- -8192/4096 to 8191/4096 |
| P0_wOE | 14 | 14 bit 2's complement signed weight- -8192/4096 to 8191/4096 |
| P0_wEO | 14 | 14 bit 2's complement signed weight- -8192/4096 to 8191/4096 |
| P0_wOO | 14 | 14 bit 2's complement signed weight- -8192/4096 to 8191/4096 |

| | | |
|---|---|---|
| P1_wEE | 14 | 14 bit 2's complement signed weight- -8192/4096 to 8191/4096 |
| P1_wOE | 14 | 14 bit 2's complement signed weight- -8192/4096 to 8191/4096 |
| P1_wEO | 14 | 14 bit 2's complement signed weight- -8192/4096 to 8191/4096 |
| P1_wOO | 14 | 14 bit 2's complement signed weight- -8192/4096 to 8191/4096 |
| P2_wEE | 14 | 14 bit 2's complement signed weight- -8192/4096 to 8191/4096 |
| P2_wOE | 14 | 14 bit 2's complement signed weight- -8192/4096 to 8191/4096 |
| P2_wEO | 14 | 14 bit 2's complement signed weight- -8192/4096 to 8191/4096 |
| P2_wOO | 14 | 14 bit 2's complement signed weight- -8192/4096 to 8191/4096 |
| P3_wEE | 14 | 14 bit 2's complement signed weight- -8192/4096 to 8191/4096 |
| P3_wOE | 14 | 14 bit 2's complement signed weight- -8192/4096 to 8191/4096 |
| P3_wEO | 14 | 14 bit 2's complement signed weight- -8192/4096 to 8191/4096 |
| P3_wOO | 14 | 14 bit 2's complement signed weight- -8192/4096 to 8191/4096 |

### 14.1.4 Storing in Texture Temporary 0

| Name | Bits | Description |
|---|---|---|
| P0 | 64 | The filtered pixel 0 |
| P1 | 64 | The filtered pixel 1 |
| P2 | 64 | The filtered pixel 2 |
| P3 | 64 | The filtered pixel 3 |

Needs to add details on the format.

#### 14.1.4.1 From Latency FIFO

| Name | Bits | Description |
|---|---|---|
| weight_sum0 | 8 | Blend factor for pixel 0 (EE) |
| weight_sum1 | 8 | Blend factor for pixel 0 (OE) |
| weight_sum2 | 8 | Blend factor for pixel 0 (EO) |
| weight_sum3 | 8 | Blend factor for pixel 0 (OO) |
| Mode | 2 | 0: Write to shader pipe<br>1: Write to shader pipe after summing with texture temporary<br>2; Write to texture temporary<br>3: Sum and write to texture temporary |

### 14.1.5 Blended texels

| Name | Bits | Description |
|---|---|---|
| P0 | 96 | The filtered pixel 0 |
| P1 | 96 | The filtered pixel 1 |
| P2 | 96 | The filtered pixel 2 |
| P3 | 96 | The filtered pixel 3 |

## 14.2 Texture Filter

The texture filter can do one of three (four?) types of filters:
Bilinear
Bicubic
Arbitrary
Arbitrary separable
Under consideration- drop the arbitrary non separable filter.
Implementing the OpenGL four-sample filter will require two 128x2x(7?8?) memories for the filter weights, and a method of programming the memories or loading them from memory. We can, with a single texture instruction, fetch 64 32-bit words. One option is to require three texture instructions to do a bi-cubic filter – the first two load the bi-cubic filter weights, the third triggers the four 2x2 fetches needed to do the filter. Specialized tag logic can check if the weights have already been loaded, and if so, the first two instructions are turned into NOP's. For an isolated vector of pixels this is a waste of two extra cycles, but in a steady state the time to kill the first two instructions can be overlapped with the data cycles of a previous bi-cubic pass.

Need to work out in detail:

- How we do the basic bilinear filter
- How we do a bi-cubic
- How we do a cheap separable filter
- How we do higher order filters.

At a high level the above are known, the open issue is the implementation of the filter itself.

### 14.2.1 Operation

### 14.2.2 Operation Option 1

The first option, which is the simplest design, is to premultiply the weights to get a single per-sample weight and then multiply those by the texture samples. This is the design assumed by the Input and Output specifications above and described next.

The weights generated by the weight generate block are always 14-bit 2's complement numbers. There is an option to do the weights using a signed magnitude instead, and this needs to be looked into to see if it saves any area.

The incoming colors from the texture cache can be four channels of 8 bits, two channels of 16 bits, or one channel of 32 bits. The colors are either unsigned, 2's complement, or biased. Biased is treated as unsigned in the filter but is used in the blend/TT0 logic to bias the number if enabled. The final option on the input is for the quad of 2x2 texture accesses to be from one texture or multiple. I suspect that if using signed magnitude will save area, we will need to convert a 2's complement texel into signed magnitude, which might eliminate any savings.

The first part of the logic works on each 8-bit channel (independent of the number of channels actually selected).

The logic is shown below once, but since the texel data can be either signed or unsigned, the multipliers need to know the format of the data to do the multiply correctly.

```
Tmp0[21:0] = P0_wEE[13:0]*P0.EE[7:0] + P0_wOE[13:0]*P0.OE[7:0] +
             P0_wEO[13:0]*P0.EO[7:0] + P0_wOO[13:0]*P0.EOO[7:0];

Tmp1[21:0]=  P0_wEE[13:0]*P0.EE[15:8] + P0_wOE[13:0]*P0.OE[15:8] +
             P0_wEO[13:0]*P0.EO[15:8] + P0_wOO[13:0]*P0.EOO[15:8];

Tmp2[21:0]=  P0_wEE[13:0]*P0.EE[23:16] + P0_wOE[13:0]*P0.OE[23:16] +
             P0_wEO[13:0]*P0.EO[23:16] + P0_wOO[13:0]*P0.EOO[23:16];

Tmp3[21:0]=  P0_wEE[13:0]*P0.EE[31:0] + P0_wOE[13:0]*P0.OE[31:0] +
             P0_wEO[13:0]*P0.EO[31:0] + P0_wOO[13:0]*P0.EOO[31:0];
```

The 21 result bits can be interpreted as follows:
21: sign (even though this is 2's comp, the high bit lost for data other than the sign.
20: overflow for numbers > 1
19:12: the eight filtered bits
11:0: somewhat noisy low bits, normally tossed

For a classic bi-linear filter we would discard 11:0 and 21:20 and keep 19:12 as the eight bit result. We are going to store the results in TTO as 16-bit values (unless there is a problems similar to what tien discovered in the R100/R200 destination blend where we discarded the low bits and have problems as a result). We are going to keep 21:6 and discard (we may need to round) 5:0. The resulting 16-bit value is the output from the texture filter into the next stage.

If we are in the two channel 16-bit mode, then we have to do one more step:

Tmp16a[30:0] = signextend(tmp0[21:0]) + (tmp1[21:0] << 8);
Tmp16b[30:0] = signextend(tmp2[21:0]) + (tmp3[21:0] << 8);

If we are in the single channel 32-bit mode than we have to do one more step:

Tmp32[46:0] = signextend(tmp0[21:0]) + signextend (tmp1[21:0] << 8) + signextend(tmp2[21:0]<<16) + (tmp3[21:0] << 24);

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Open issue is how much of the very high precision results for 16- and 32-bit channels we preserve. One option is to clamp 16 to 16 bits, and 32 to 32 bits. However we do have the bits in TTO to preserve all of them for two and one channel data. We do not have enough space without increasing the memory to preserve all of the bits for four channel eight bit data.

From an implementation viewpoint, the key to low area is to force the tools to generate a single CSA tree for all four multipliers as well as the summations between them and between the channels.

If we are in a single pixel mode (for anisotropy or large filters), we next sum up all four pixels, and save that result as one of the pixels. The order is EE,OE,EO,OO.

### 14.2.3 Option 2- Two Level Lerp

This option assumes that we build the lerp (wA + (1-w)B) as: w(A-B) + B. We do a bunch of pre-computation for the data that goes into the arbitrary filter tables. That needs to be documented,

All of the math is signed.

We want to evaluate the function:

$$Aac + Bbc + Cad + Dbd$$

(where a,b are the horizontal weights and c,d are the vertical weights

But we have hardware that looks like:

$$((As + B(1-s))t + (1-t)(Cs + D(1-s)))$$

Where s and t are the vertical and horizontal LERP factors.

We need to add N and M to the equation:

$$((As + B(1-s))t + (1-t)(Cs + D(1-s)))NM$$

And now we can find values for s,t,N,M:

- $s = \frac{a}{b+a}$
- $N = b + a$
- $M = c + d$
- $t = \frac{c}{c+d}$

s and t can be pre-calculated from the API specified arbitrary filter weights by the driver and stored in the filter weight table. N and M also can be computed in advance. They cannot be pre-multiplied together since at any given sample point they come from different points in the filter function table.

### 14.2.4 Option 3- Two level Lerp-special

We currently use a special hardware structure to compute linear (lerp) filters.
We compute wA + (1-W)B as w*A + !w*B + B. It is unclear at the moment how we extend this to signed values and values outside the 0 to 1 range. This may be the lowest area option and so we will need to work it out.

### 14.2.5 Option 4- Basic Separable Filter Equation

We build the filter as:
Color = Y0*(EE*X0 + OE*X1) + Y1*(EO*X0 + OO*X1)

This has somewhat smaller multiplies than the first option, but it has higher latency.

### 14.2.6 Open issues

Fundamental: the type of filter logic used

How do we support signed numbers
- Biased
- 2's complement
- signed magnitude

Precision needed on filter- especially for large filters
We need support for negative numbers and numbers greater than one. What is the best way to do this?

## 14.3 Weight Generate

This generates the weights used in the texture filter.

### 14.3.1 Operation

This is one possible design, it is the simplest, but appears at first glance to be the largest option. I suspect however that since this design has the fewest number of stages, it may be smaller than it appears. It is also somewhat simpler to do custom.

The linear filter multiplies two numbers in range of 0/64 to 64/64. The largest result is a positive 13-bit number.

The weight generation between mipmap levels (for trilinear) and between levels for volume textures is done in the address generation logic.

The values in the arbitrary filter tables are 8-bit signed values. Since we only preserve 14 of the sixteen bits that result from a signed 8x8 multiply, the maximum allowed value is 90/64 not 127/64 for the arbitrary filter weights.

```
If (Linear) // for a linear filter we always end up with positive weights.
       {
       for (n = 0; n < 4; n++)
       {
              w[0][0] = (1-Pn.Wx)(1-Pn.Wy)
              w[1][0]= (Pn.Wx)(1-Pn.Wy)
              w[0][1] = (1-Pn.Wx)(Pn.Wy)
              w[1][1] = (Pn.Wx)(Pn.Wy)

              P[n]_wEE = w[Pn_flipx][Pn_flipy]
              P[n]_wOE = w[!Pn_flipx][Pn_flipy]
              P[n]_wEO = w[Pn_flipx][!Pn_flipy]
              P[n]_wOO = w[!Pn_flipx][!Pn_flipy]
       }
If (quad_ symmetric)
       {
       if (P0.x <32)
              {
              wx[0] = tbl[slot][P0.x][7:0];
              wx[1] = tbl[slot][P0.x][15:8];
              wx[2] = tbl[slot][P0.x][23:16];
              wx[3] = tbl[slot][P0.x][31:24];
              }
       if (P0.x == 32)
              {
              wx[0] = word65[7:0] // word65 is pipelined down, so we do not need to index it with
slot
              wx[1] = word65[15:8];
              wx[2] = word65[15:8];
              wx[3] = word65[7:0];
              }
       if (P0.x >32)
              {
              wx[0] = tbl[slot][64 - P0.x][31:24];
              wx[1] = tbl[slot][64 - P0.x][23:16];
              wx[2] = tbl[slot][64 - P0.x][15:8];
              wx[3] = tbl[slot][64 - P0.x][7:0];
              }
       if (P0.y <32)
              {
              wx[0] = tbl[slot][P0.y+32][7:0];
              wx[1] = tbl[slot][P0.y+32][15:8];
```

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```
            wx[2] = tbl[slot][P0.y+32][23:16];
            wx[3] = tbl[slot][P0.y+32][31:24];
            }
      if (P0.y == 32)
            {
            wx[0] = word65[23:16]
            wx[1] = word65[31:16];
            wx[2] = word65[31:16];
            wx[3] = word65[23:16];
            }
      if (P0.y > 32)
            {
            wy[0] = tbl[slot][64 - P0.y+32][31:24];
            wy[1] = tbl[slot][64 - P0.y+32][23:16];
            wy[2] = tbl[slot][64 - P0.y+32][15:8];
            wy[3] = tbl[slot][64 - P0.y+32][7:0];
            }
// now we build the filter matrix
      For (x = 0; x < 4; x++)
            {
            For (y = 0; y < 4; y++)
                  {
W[x][y] = wx[(position_x + x) & 0x2] * wy[(position_y+ y) & 0x2];
                  }
            }
      P[0].EE = W[0][0];
      P[0].OE = W[1][0];
      P[0].EO = W[0][1];
      P[0].OO = W[1][1];
      P[1].EE = W[2][0];
      P[1].OE = W[3][0];
      P[1].EO = W[2][1];
      P[1].OO = W[3][1];
      P[2].EE = W[0][2];
      P[2].OE = W[1][2];
      P[2].EO = W[0][3];
      P[2].OO = W[1][3];
      P[3].EE = W[2][2];
      P[3].OE = W[3][2];
      P[3].EO = W[2][3];
      P[3].OO = W[3][3];
      }
If (quad_ asymmetric)
      {
      wx[0] = tbl[slot][P0.x/2][7:0];
      wx[1] = tbl[slot][P0.x/2][15:8];
      wx[2] = tbl[slot][P0.x/2][23:16];
      wx[3] = tbl[slot][P0.x/2][31:24];
      wy[0] = tbl[slot][P0.y/2+32][7:0];
      wy[1] = tbl[slot][P0.y/2+32][15:8];
      wy[2] = tbl[slot][P0.y/2+32][23:16];
      wy[3] = tbl[slot][P0.y/2+32][31:24];

// now we build the filter matrix
      For (x = 0; x < 4; x++)
            {
            For (y = 0; y < 4; y++)
                  {
                  W[x][y] = wx[(position_x + x) & 0x2] * wy[(position_y+ y) & 0x2];
                  }
            }
      // and map the weights to the right place
      P[0].EE = W[0][0];
      P[0].OE = W[1][0];
      P[0].EO = W[0][1];
      P[0].OO = W[1][1];
      P[1].EE = W[2][0];
      P[1].OE = W[3][0];
      P[1].EO = W[2][1];
      P[1].OO = W[3][1];
      P[2].EE = W[0][2];
      P[2].OE = W[1][2];
      P[2].EO = W[0][3];
      P[2].OO = W[1][3];
      P[3].EE = W[2][2];
      P[3].OE = W[3][2];
      P[3].EO = W[2][3];
```


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```
P[3].OO = W[3][3];
}
```

### 14.3.2 Open Issues

Need to work out the details of 1D (and 3D) filtering. We can do a 1D filter4 at full speed if we make the effort.

## 14.4 Blend and Texture Temporaries

The blend stage merges the output of the texture filter with the contents of the texture temporary register.
There is one primary texture temporary register: TT0, it is used to accumulate multiple texture fetches into one color to be returned to the shader pipe. Trilinear, bicubic, and anisotropic texture filters use TT0 to accumulate their intermediate results. It can also be used explicitly by the shader program for large filters and other effects.

### 14.4.1 Introduction

There is one texture temporary register that can be used to hold the result of a texture fetch operation instead of returning it to the shader pipe. On subsequent texure fetch instructions, the result of those fetches can be blended with the result stored in the texture temporary and either sent to the shader pipe or stored back into the texture temporary for another pass.

The current plan is for the result of the texture filter to be multiplied by an 8-bit factor generated by the addressing logic and accumulated into the texture temporary. An earlier plan had a lerp between the texture temporary value and the value from the texture pipe, and the blend name stuck as a result.

The general operation is to multiply the weight_sum by the incoming pixel. The 24-bit result is summed with the value currently in the texture temporary register, the lower 24 bits of that result are preserved and stored back into the texure temporary register.

### 14.4.2 Operation

#### 14.4.2.1 Blend

The incoming pixel is multiplied by the weight_sum, and all 24 resulting bits are preserved.

The result of the multiply is added to either zero, or the value of the pixel in the texture temporary.
This result is either written back to the texture temporary, or sent to the output buffer and interface to the shader pipe.

If we are in the 4x4 or anisotropy mode, we sum all four filtered colors after the multiplication by the weight_sum. The result of the summation is written to the texture temporary. The order is assumed to be EE,OE,EO,OO.

When the data is not 8 bits per channel (before filtering and the rest of the madness), more than 24 bits are preserved. For 16-bit data, 32 bits are valid. The 32 bits used are all 24 bits of the second color channel and the 8 high bits of the first color channel. The second color is similarly stored in the third and fourth color channels.
For 32-bit color, the 40-bit value is stored.

#### 14.4.2.2 Texture Temporary

The texture temporary is a 16x384 memory used to hold the intermediate results of texture fetches, to reduce the amount of work that the shader pipe needs to do.

For example, to do trilinear filtering, the addressing logic will send the vector of 16 pixels twice through the texture pipe: the first time for the even mip-map level, and the second time for the odd mip-map levels. The result is summed in the texture temporary, and just the single (vector of sixteen pixels) value is returned to the shader pipe.

### 14.4.3 Open Issues

What is the precision of the buffer and blender?

The current plan is 8 bits by 16 for the blend, and preserving all 24 bits in the buffer. This is also the precision for input into the output formatter.

### 14.5 Buffer and Interface to Shader Pipe

The interface to the shader pipe buffers data until and entire vector of 16 pixels can be written to the shader pipe. It also converts the data from the 64-bit format used in TTO and as the format of the output of the bilinear filter into the 128-bit small vectors used by the shader pipe. It can bias and scale values to convert data from the fixed point texture format to floating point, and has output swizzling and write mask ability.
We almost certainly want to run the L2 texture cache double pumped to save area, and we want to consider double pumping the texture filter. We may want to consider if we want a 2x clock to facilitate this.

## 15. Arbitrary Filter Support

## 16. Numeric Precision Path

This section is intended to lay out the precision of the operations at various stages. This version of the document starts at the output of the address generation logic. A future version may include more detail. Some of this is repeated elsewhere, but it seems to make sense to unify it in one place.

The output of the address generation logic consists of texel coordinates at integer pixel precision, two 6-bit weights for controlling blending in x and y, and an 8-bit weight for multipass blending.

### 16.1 Weight Generation

Each x or y weight represents a value from 0/64 to 63/64 or 1/64 to 64/64. The poorly named flip bit indicates which range the pair is in. For a 4x4 filter, only the weight of the EE pixel is valid, and pairs of flip bits are combined to make a pair of 2-bit values to indicate the offset of the 4x4.

The weight generation logic operates in one of two modes: bi-linear or arbitrary filter.
The output of the weight generation logic is four 14-bit weights for each pixel. The 14-bit value is a 2's complement fixed point number with a range of –2 to 8191/4096. Under strong consideration is dropping the low two bits (by rounding, dropping by truncation has clear artifacts). This will reduce the size of the texture filter multipliers at the cost of bi-linear weights not always adding up to 1. Dropping up to three bits results in no error in the eight bit (true) result of the blend, but does have errors in the low order (noise) bits. The major issue is that even when all four bilinear samples are the same value, the resulting weights may not sum up to 1, and we may not get the same color out as the inputs.

For a bi-linear filter the weight generation logic multiplies the xy weights and their complements (1-x) together.
For a 4x4 filter, the xy weights are used as an index into a lookup table. There are two modes: in one mode 5 bits of each weight are used as the index, in the other all 6 bits are valid.
The values in the table replace the xy weights. The values are 8 bits signed numbers. The representable range is –128/64 to 127/64, however the allowed range is only –1.4 to +1.4. Numbers outside this range may result in an overflow in the 14-bit result.

### 16.2 Texture Precision

There are multiple modes for the texture data.

Format 0: unsigned int
The number may be a in the rage 0 to 1 with the maximum value being 255/(256-1) instead of 255/256.
We do not convert from this to 0 to 1 until the output formatter.

Format 1: signed int
Stored as 2's complement.
Range –128 to 127 for 8-bit
And so on for 16- and 32-bit

## 16.3 Texture Filter Output Precision

The texture filter computes the product of the signed weight and the signed or unsigned texture. The multiplier must have a mode bit to select between 8-bit signed, and 8-bit unsigned. If we cannot find a way to generate a multiplier with such a mode bit, we will need to sign extend the 8-bit value into a 9-bit value:

```
If (signed) {bit[8] = bit[7]; } else { bit[8] = 0; } // bit[8:0] - a nine bit number;
```

The full precision result of the multiply is a 20-bit 2's complement number. (-128 * -2048) + one sign bit, after we drop two bits in the weight generation

This result is generated for all four bytes within the pixel.
For a bi-linear filter, and all four pixels, a 0xFF bits[17:10] contain the integer result.
The maximum range is –2.0 to +2.0 (almost)

We support a mode with two 16-bit values, and a mode with one 32-bit value in addition to the basic 4x8 mode.

We can compute the results for the 16-bit mode as:

```
Vout0[27:0] = Vin0[19:0] + (Vin1[19:0] << 8)
```

And for the 32-bit mode as:

```
Vout0[43:0] = Vin0[19:0] + (Vin1[19:0] << 8) + (Vin1[19:0] << 16) +(Vin1[19:0] << 24);
```

It is unclear at the moment how this will interact with signed numbers.

At this point we will round the result down to 16 bits for 8-bit data, 24 bits for 16-bit data. For 32-bit data, we may round all the way down to 32 bits.

For 8-bit data texture data, multiplied by 1.0 the eight unchanged bits are in output[13:6]. six low order bits are preserved, as well as one overvalue, and the sign bit.

## 16.4 Texture Blend

The texture blend multiplies the 8-bit sum_weight by the output of the texture filter.
This is done as a straight unsigned*signed multiply with the sum_weight unsigned.

The result is:

| | | |
|---|---|---|
| 8-bit texture | 16*8 | 24 bits |
| 16-bit texture | 24*8 | 32 bits |
| 32-bit texture | 32*8 | 40 bits |

This value is then summed with the current value in the texture temporary (or zero).
The carry-out of this add is discarded (or do we want to clamp?)

The 24-bit value can be interpreted as:

| 23 | 22 | 21 | 20 | ... | 0 |
|---|---|---|---|---|---|
| sign | 2's | 1's | 1/2's | ... | 1/(2 mega) |

## 16.5 Texture Temporary

The texture temporary memory stores all 24, 32 or 40 bits resulting from the texture blend.

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## 16.6 Output Formatter

To enable 32bpp floating point, and 32-bit integer data to be loaded directly into the shader pipe, we can route: 0[20:13], 1[20:13], 2[20:13], 3[20:13], (for the four channels, each 24-bit output from the texture blend stage) to the 32-bit value returned to the shader pipe)

For 16-bit floating point, we will treat it like 8-bit data to preserve it through the previous stages (i.e.: single channel 16-bit floating point data will be treated like two channel 8-bit data, dual channel 16-bit FP data like quad channel 8-bit data, quad channel 16-bit come across as a n1/2d texture and requires one fetch for red green and another for blue alpha, each of those are treated like 4 channel 8-bit). The 16-bit data will then be converted into floating point. We can probably apply the scale (exponent adjust), but bias will be unavailable.

The general operation will be to convert the integer value to a sign magnitude format, apply a –1/2 bias if enabled, and convert this to single precision floating point. A final scale operation can adjust the range of the number.

The 1/2 bias will subtract: 0x10000 for a 24-bit (8-bit texture) value.

## 16.7 Open Issues

**This all needs to be validated**
Probably through releasing it to the ARG team in the form of a standalone shader pipe and texture pipe emulator/development tool.

**Can we really drop the two bits of the weight?**
It seems likely, since we can drop three bits and not affect the eight real result bits.

**We do not have enough precision to do quadra-linear texture (linear-mip-linear for a 3D volume texure**
**Can we require the final blend (mip map) to be done in the shader pipe where we have the precision?**
The issue is that we will only use 8 (seven in the 0 to 127/128 range) bits for the sum weight, and we really need at least 12 to represent the product of two weights (the between slice of the 3D texture and the mip-map weight)

**Can the shader pipe calculate the weight or does it make more sense for the texture pipe to be able to output it?**

# 17. Programming Notes

# 18. Area Estimate

## 18.1 Macros

## 18.2 Logic

## 18.3 Area Saving Options

Do the texture cache and filter as a custom block.

We need to look very closely if there is a way to reduce the size of the data stored in the latency FIFO. Can we find a way to compress it?

# 19. Performance issues

The biggest performance issue is the interaction between the four texture pipes and the linkages in the texture decompression logic. This is unfortunately going to result in a need for a complex and accurate almost full chip model to get valid performance data.

# 20. Physical Design

## 20.1 Macros

### 20.1.1 Texture Cache

The L1 cache is made from four memories built from the artisan register file cell. By using both edges of the clock there is one read port and four write ports.

Area for cache in .15u

| Cell | Width | Height | 4.32 |
|---|---|---|---|
| RF2R1WX1 | 8.96 | 38.7072 | |
| TLAT | 6.16 | 26.6112 | |
| SDFF | 14.56 | 62.8992 | |
| RFRDX1 | 2.8 | 12.096 | |

| | Input reg | bits | Array | receiver | Latch | reg | Area per Column | Area per bit | Area per array | Area per cache |
|---|---|---|---|---|---|---|---|---|---|---|
| bit | 63 | 4 | 155 | 24 | 53 | 252 | 551 | 138 | 17,624 | 70,495 |
| | 63 | 8 | 310 | 24 | 53 | 252 | 710 | 89 | 22,706 | 90,825 |
| | 63 | 12 | 464 | 24 | 53 | 252 | 868 | 72 | 27,789 | 111,155 |
| | **63** | **16** | **619** | **24** | **53** | **252** | **1,027** | **64** | **32,871** | **131,485** |

### 20.1.2 Filter weights

The texture filter weight macro is:

| Name | type | size | Width | count |
|---|---|---|---|---|
| Texture_filter_weights | RF? | 128 | 32 | 2 |

This assumes that we implement four slots. We can also choose to implement more (8 to 16) but four seems enough, unless there is a really good application for filters larger than 8x8. We probably need the free write port, making this a RF memory. Two memories are needed: one for the horizontal filter weights and one for the vertical filer weights.

### 20.1.3 Latency FIFO

| Name | type | size | Width | count |
|---|---|---|---|---|
| Texture_filter_weights | RF? | 128? | 176 | 2 |

The latency FIFO looks like it needs to be 200 or so deep. This is very large.

### 20.1.4 Texture Temporary

| Name | type | size | Width | count |
|---|---|---|---|---|
| TTO | Latch array? | 4 | 4x4x24 = 384 | 1 |

### 20.1.5 Texture Filter

The texture filter is a solid portion of the area of the 3D pipe. It is a mostly regular structure and can possibly be done semicustom to save area. Another appealing option is to run it at double or quad speed to reduce the number we need (this almost certainly implies semicustom for timing closure reasons).

### 20.1.6 Filter tag compare

This may be a very regular circuit in a critical path that we could save area and clock sped on.

## 20.2 Clocks

## 20.3 Introduction

We will support arbitrary separable filters with the weights defined in tables. This will fully support the OpenGL sgis_texture_filter4 extension and can be used to do larger filters with extra paths.

The weights are specified with a two 65x2 tables. There are two modes: symmetric and asymmetric. In the symmetric mode, the table is configures as two 65x2 tables, and in the asymmetric mode, the table is 32x4. Six fractional address bits are used as the index for symmetric mode and only five for asymmetric.

A 1D filter4 is defined as follows:

For a symmetric texture filter:
X is the texture coordinate: x is the fractional weight x = x[5:0], X = X[n:6] is the integer texel coordinate.
F[64:0][1:0] is the table of 65x2 weights
T[n] is the 1D texture
The computed color is:

```
Color = T[X-1]*F[x][0] + T[X]*F[x][1] + T[X+1]*F[64-x][1] + T[X+2]*F[64-x][0];
```

For an asymmetric texture filter:
X is the texture coordinate: x is the fractional weight x = x[5:0], X = X[n:6] is the integer texel coordinate.
F[31:0][3:0] is the table of 32x4 weights
T[n] is the 1D texture
The computed color is:

```
Color = T[X-1]*F[x][0] + T[X]*F[x][1] + T[X+1]*F[x][2] + T[X+2]*F[x][3];
```

For a 2D filter, two tables are used: one for vertical and one for horizontal. For a given sample the horizontal and vertical weights are multiplied together and then multiplied by the sample color. The same operation can be down by doing four vertical (or horizontal) filters on 4 sample vertical (or horizontal) slices and then doing a four sample horizontal (or vertical) filter on the four results from the first pass.

The resulting filter is as follows:
For a symmetric texture filter:
xx is the texture coordinate: x is the fractional weight x = xx[5:0], X = xx[n:6] is the integer texel coordinate.
yy is the texture coordinate: y is the fractional weight y = yy[5:0], Y = yy[n:6] is the integer texel coordinate.
Fx[64:0][1:0] is the table of 65x2 weights for the horizontal filter
Fy[64:0][1:0] is the table of 65x2 weights for the vertical filter
T[x][y] is the 1D texture

The computed color is:

```
Color =
        T[X-1][Y-1]*Fx[x][0]*Fy[y][0]       + T[X][Y-1]*Fx[x][1]*Fy[y][0] +
        T[X+1][Y-1]*Fx[64-x][1]*Fy[y][0]    + T[X+2][Y-1]*Fx[64-x][0]*Fy[y][0] +
        T[X-1][Y]*Fx[x][0]*Fy[y][1]         + T[X][Y]*Fx[x][1]*Fy[y][1] +
        T[X+1][Y]*Fx[64-x][1]*Fy[y][1]      + T[X+2][Y]*Fx[64-x][0]*Fy[y][1] +
        T[X-1][Y+1]*Fx[x][0]*Fy[64-y][1]    + T[X][Y+1]*Fx[x][1]*Fy[64-y][1] +
        T[X+1][Y+1]*Fx[64-x][1]*Fy[64-y][1] + T[X+2][Y+1]*Fx[64-x][0]*Fy[64-y][1] +
        T[X-1][Y+2]*Fx[x][0]*Fy[64-y][0]    + T[X][Y+2]*Fx[x][1]*Fy[64-y][0] +
        T[X+1][Y+2]*Fx[64-x][1]*Fy[64-y][0] + T[X+2][Y+2]*Fx[64-x][0]*Fy[64-y][0];
```

The asymmetric filter is not shown, but should be able to be derived from the above with little trouble.

I expect that most filters are symmetric and can use all six bits (64 fractional positions). For a filter larger than 4x4 this will generally not be true and the asymmetric filter with only five bits will need to be used.

## 20.4 Filter Weight Format

There are a several possible designs for the filter hardware. The simplest, but probably not the smallest is to implement the filter as shown above: multiply the horizontal and vertical weights to generate a per sample weight. The texture filter then multiplies the generated weight by the color samples for each color.

It is also possible to build the filter from individual bi-linear segments. This is more complex. If we chose to implement the filter in this manner we will require the driver to pre-compute the lerp weights and put them into the table instead of the direct weights used by the prior format.

The hope is that we can use the first, simpler approach. [STEVE: comment that custom design is simpler and such?]

The second issue is the precision of the filter weights:
For bi-linear filters we will support only a 6-bit weight with a range of 0 to 1. We need to be able to support negative weights and ranges greater than 0 to 1. Unfortunately large filters are not important enough for us to spend a lot of hardware on them, and we will probably stick with the 6-bit weights into the multipliers.

If we do the first plan for the filter, in the case of bi-linear, we will multiply two weights in the range of 0 to 1 together, this results in a 13-bit value (maximum of 1000000000000 in binary). The texture filter will then be 13x8 multipliers for the colors. However up to 1.4 (90/64) can be squared and still fit into 13 bits. This means that we can use an 8-bit signed magnitude format for the filter weight as long the maximum filter weight is no more than 90/64. A range of –1.4 to +1.4 is achieved. If more is needed the final result can be scaled by the shader pipe.

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The filter weights are stored in a 64 DWORD block in memory. This is enough for the 32x4x8 table for asymmetric filters, but one dword short of what is needed for a symmetric filter. The 64 DWORDS are transferred by DMA from memory to a cache in the texture pipe. The 65'th DWORD is ? (I was thinking it was loaded by same texture instruction that initiates the DMA, but there is a long pipeline delay between the instruction and the weight memory. I had previously thought that we would use seven bit weights, leaving 128 bits free to encode the 28 bit 65'th value and also encode for free a block exponent. I need a new plan. If it is practical to require that the weighs sum to one, then we only need to specify three weights, as the fourth is 1-A–B-C, but I do not believe that that condition is true for all filters. A candidate option may be to have it as part of the instruction but have an inadequate FIFO (3 deep) which will limit performance if the filter changes often.)

As a placeholder until the 65th filter entry issue is solved here are proposed formats for the data in memory:
For a Symmetric filter:
DWORDS 0 to 31: horizontal weights 0 to 63
DWORD 0 : Fx[0][0] Fx[0][1] Fx[64][1] Fx[64][0]
DWORD 1 : Fx[1][0] Fx[1][1] Fx[63][1] Fx[63][0]
•
•
•
DWORD 30 : Fx[30][0] Fx[30][1] Fx[34][1] Fx[34][0]
DWORD 31 : Fx[31][0] Fx[31][1] Fx[33][1] Fx[33][0]
The extra DWORD hold Fx[32][0], Fx[32][1], Fy[32][0], Fx[32][1]

DWORDS 32 to 63: vertical weights 0 to 63 stored in sequential 16 bit words
For an asymmetric filter:
DWORDS 0 to 31: horizontal weights 0 to 31 stored in sequential 32 bit words
DWORDS 32 to 63 vertical weights 0 to 31 stored in sequential 32 bit words

## 20.5 Filter Weight Management

To allow for easy management of filter weights even under the load of multiple real time command streams using it do to video filtering effects we will implement a cached, DMA-based management of the filter weights.

A special texture fetch instruction is added:

Fetch_Filter_weights (slot, base, extra)
Where:
Slot is a 3-bit code indicating which of the four to seven tables in the texture pipe this filter should be loaded into.
Base is a 64 DWORD aligned address in memory as to where the table is to be found
Extra is the 32 bits missing from the table for the 65 DWORD symmetric table.
The texture addressing logic keeps track of base address associated with each slot. If the base address matches the base address currently in a slot, the Fetch_filter_weights commands is killed. If there is not a match then the addressing logic generates a 16-pixel vector of texture fetches which generates 64 misses, each of which bring in 32 bits of the filter weight table. The texture filter logic is bypassed and the data is stored directly in the filter weight table.

There is more than one slot, so that when doing a larger filter (up to 8x8 in the case of four slots) we do not need to constantly reload the table as we go from slot to slot. Slot 0 is reserved, and implies a bi-linear filter.

Once we hit a steady state doing 4x4 filters the overhead of issuing the fetch_filter_weight instruction will disappear. There will be a significant hit the first time we issue it as we load the table, and the first 4x4 filter after that will take four cycles for a total of five cycles (20 clocks) in the front of the texture pipe including the fetch_filter_weight instruction. After that point, the killing of the texture_filter_fetch instruction can be hidden by additional cycles the previous 4x4 filter instruction. If the previous instruction is bilinear filter, it is exposed.

Example

| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|---|---|

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Instructions | Bi | Bi | Fetch Filter weight | 4x4 | | Fetch Filter weight (killed) | | 4x4 | | | |
| Issued to texture tag: | Bi | Bi | Fetch Filter weight | A | B | C | D | A | B | C | D |



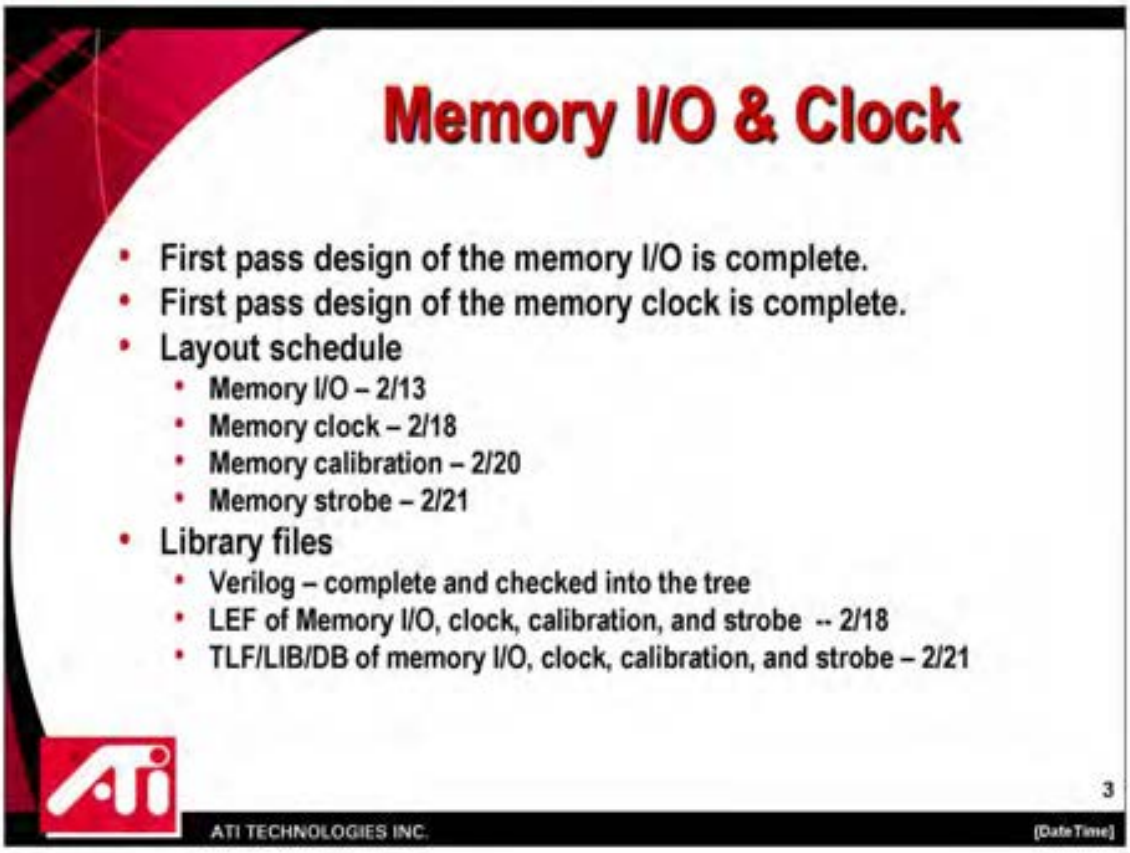
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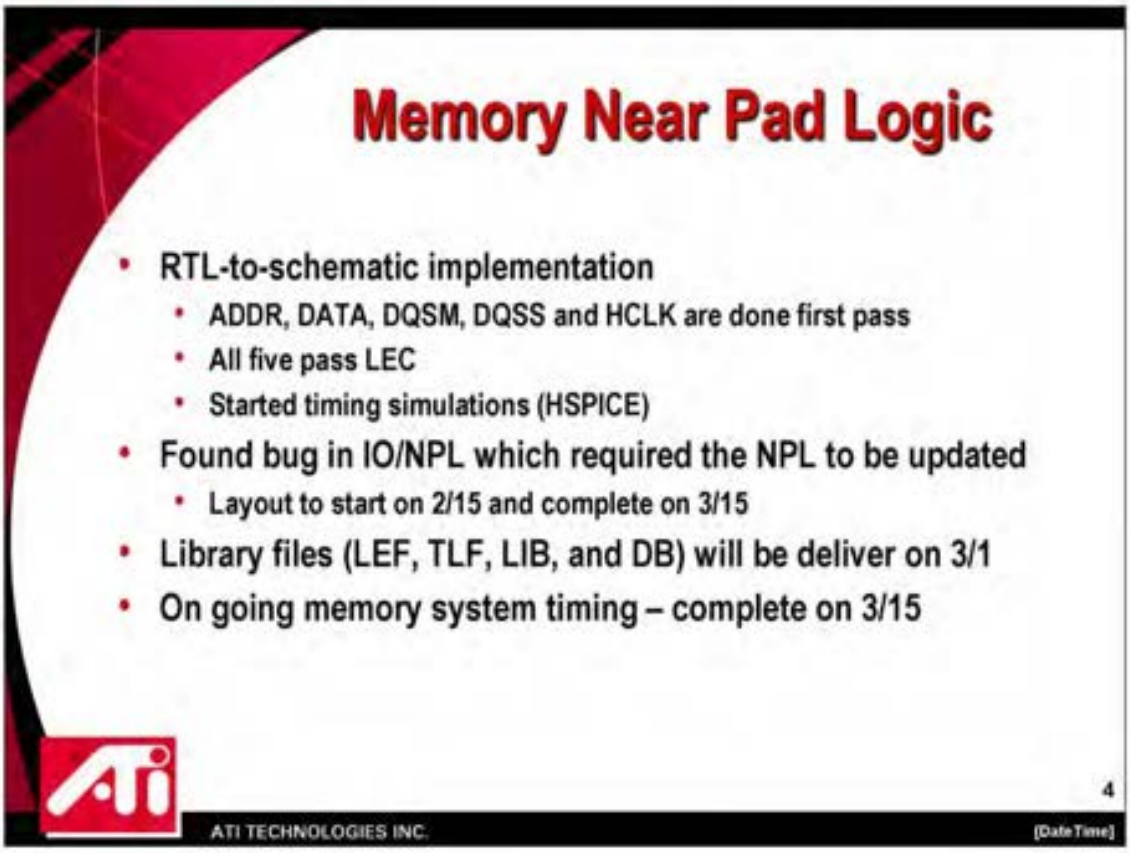
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R400 I/O Activities
• Pad ring review with Greg S. on 2/14 in SiV
• IO/NPL review on 2/25 & 2/26 in SiV with team from Marlborough
• Viper program
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Memory I/O & Clock
First pass design of the memory I/O is complete.
First pass design of the memory clock is complete.
Layout schedule
Memory I/O – 2/13
Memory clock – 2/18
Memory calibration – 2/20
Memory strobe – 2/21
Library files
Verilog – complete and checked into the tree
LEF of Memory I/O, clock, calibration, and strobe -- 2/18
TLF/LIB/DB of memory I/O, clock, calibration, and strobe – 2/21
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Memory Near Pad Logic
RTL-to-schematic implementation
ADDR, DATA, DQSM, DQSS and HCLK are done first pass
All five pass LEC
Started timing simulations (HSPICE)
Found bug in IO/NPL which required the NPL to be updated
Layout to start on 2/15 and complete on 3/15
Library files (LEF, TLF, LIB, and DB) will be deliver on 3/1
On going memory system timing – complete on 3/15
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Delay Line and misc layout
Design is done
Layout is complete
Miscellaneous layout
ChrisV/KarenW started layout on the miscellaneous cells
PVREF
Corners
Spacers
Breaks
Complete on 3/1
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# Viper program

- What is the Viper program?
  - It's a joint development between ATI and Micron to design the bring up vehicle for GDDR3.
  - Viper is a test chip which contains the memory controller and supporting logic from Micron.
  - ATI provides the I/Os, analog components (PLL and Delay line), and package design.
    - I/Os, PLL and Delay line are the same design used for R400.
  - Designed for the TSMC 0.13um cyber shuttle (the process is similar to the RV350/R400).





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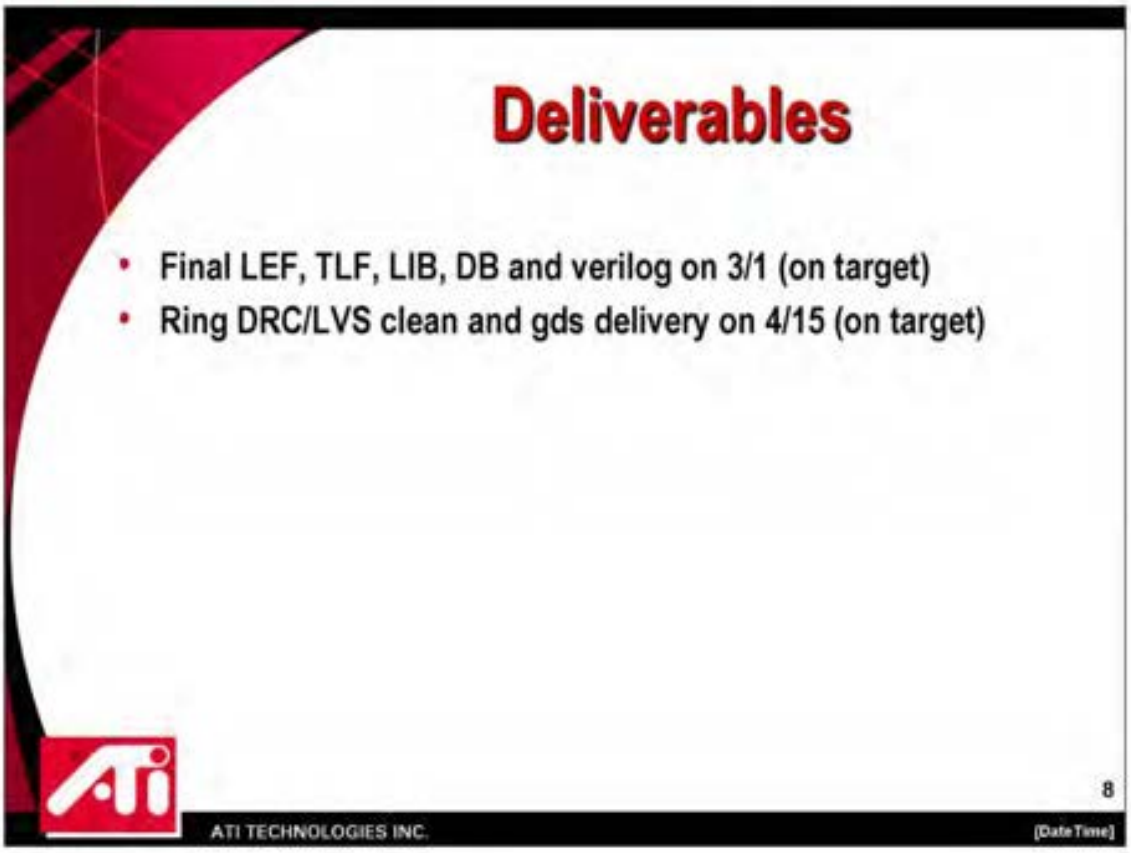
# Viper Schedule

- Weekly (Tuesdays) conference call with Micron.
- Delivered initial views of all cells to be used in Viper.
- Delivery of final models to Micron on 2/21.
- Pad ring spreadsheet is complete.
- Pad ring DRC/LVS clean to Micron on 2/28.
- If all goes well, Viper tapes out in mid March to early April (also depends on cyber shuttle schedule).
- Started package design on 2/11.





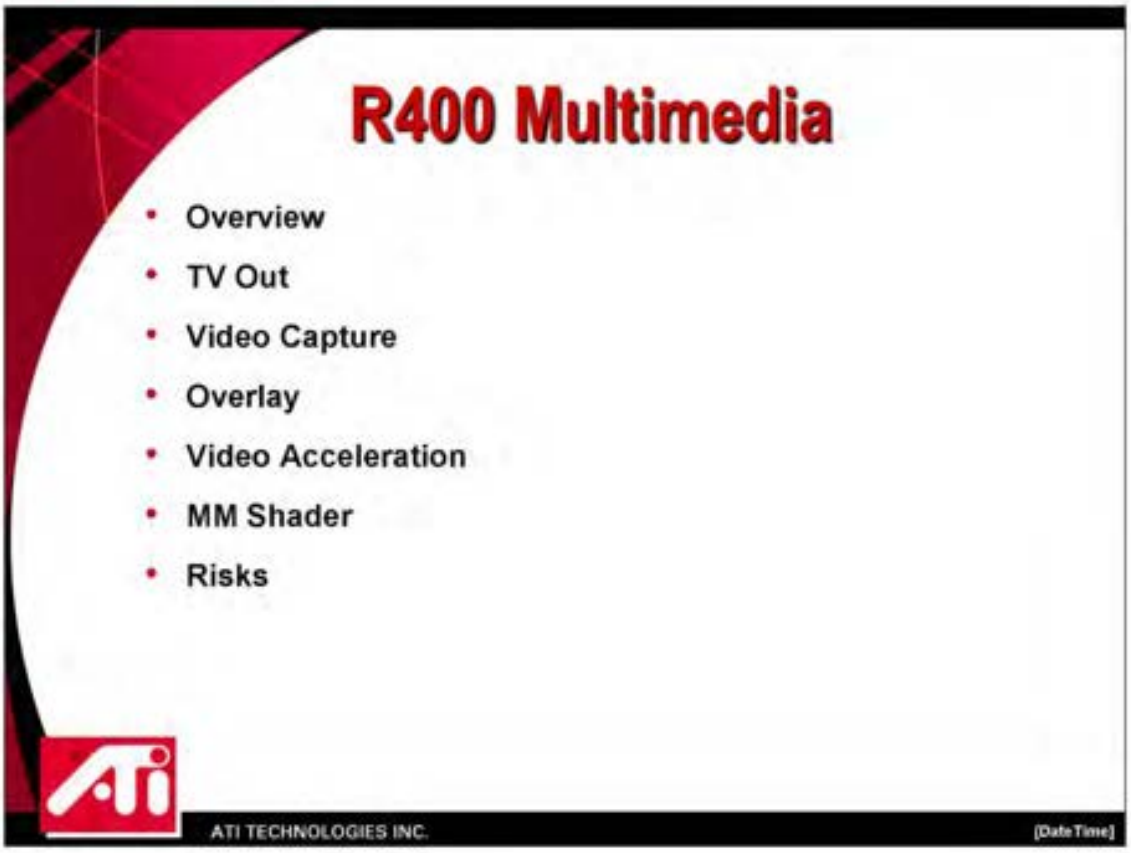
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Deliverables
• Final LEF, TLF, LIB, DB and verilog on 3/1 (on target)
• Ring DRC/LVS clean and gds delivery on 4/15 (on target)
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R400 Multimedia
Overview
TV Out
Video Capture
Overlay
Video Acceleration
MM Shader
Risks
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# Overview

- At this time there are 8 full time engineers ( 4 of them are seniors ) working on R400 in MM.
- No significant deviation from the schedule since last month's review.
- IKOS plan has been finalized and added to the schedules.



# TV Out

- One full time developer started coding in mid december.
- Software documentation completed 11/29/02
- Coding complete 02/17/03 ( was 01/31//03). Some slippage partly due to API design changes. No overall impact to program.
- Risks – Relatively low risk. Not much work. Support new BIOS structure, support new DAL interface, R400 class object implementation, add SECAM support.





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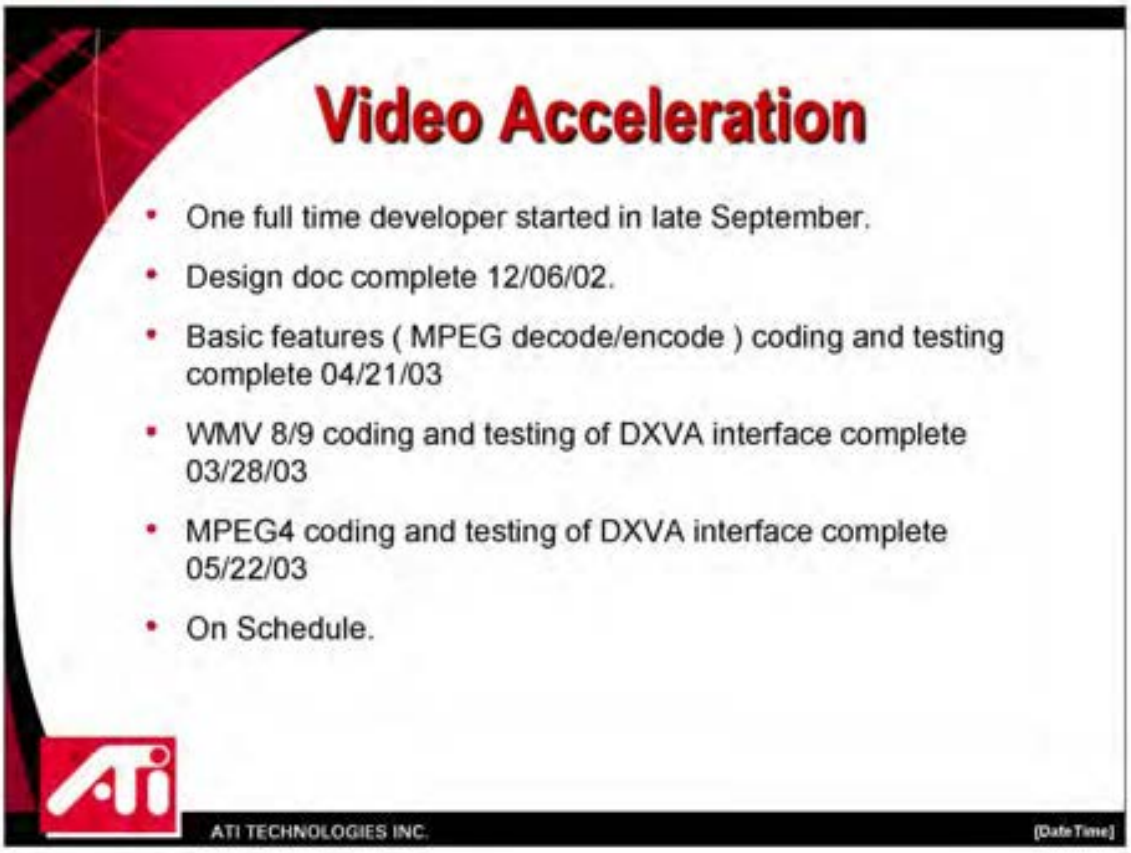
# Video capture

- Coding complete 03/21/03
- On schedule.
- Risks –
  - Relatively low risk. Not a lot of work. Most of it is for AIW only, so not needed for first graphics only boards. RTS video port flipping, Update MMLIB and VPLIB with R400 register definitions, Update de-noise algorithm and port to R400 shader.
  - Strong dependency on the availability of good boards with video input.
  - This team has a lot of involvement with new AIW product introductions. Lots of maintenance work and resource conflicts.




Overlay
One full time developer since late September.
Design doc complete 12/06/02
Basic graphics features coding complete 03/17/03
All features ( including AIW live TV ) coding complete 04/24/03
SW testing complete 05/06/03
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Video Acceleration
• One full time developer started in late September.
• Design doc complete 12/06/02.
• Basic features ( MPEG decode/encode ) coding and testing complete 04/21/03
• WMV 8/9 coding and testing of DXVA interface complete 03/28/03
• MPEG4 coding and testing of DXVA interface complete 05/22/03
• On Schedule.
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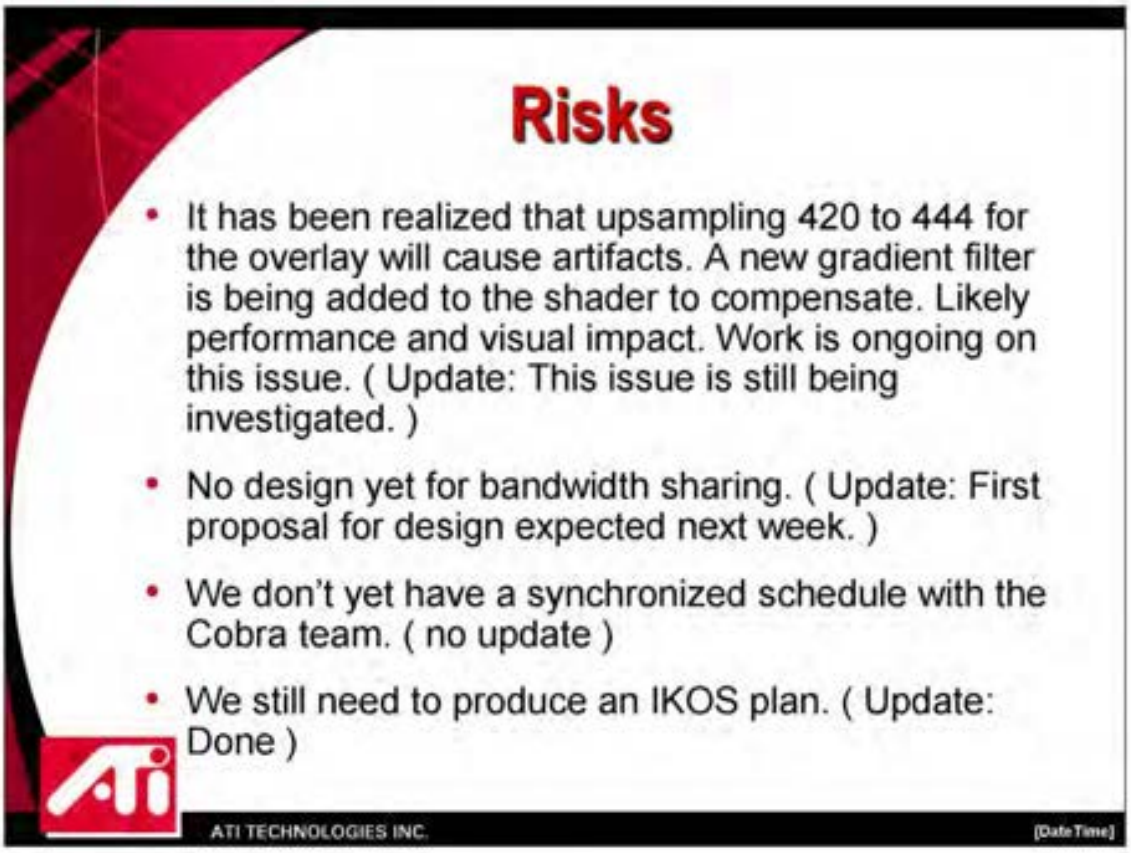
# MM Shader

- Design work completed. Bringup plan completed.
- Decode – testing complete: 03/31/03 ( was 03/03/03 )
- Encode – testing complete: 05/13/03 ( was 04/08/03 )
- Overlay – testing complete: 04/18/03 ( no change )
- WMV – testing complete: 06/30/03 ( was 06/04/03 )
- On schedule this month. The shader schedule was reworked to give each team member a clear deliverable every 2 weeks. There have been no significant schedule deviations since then.

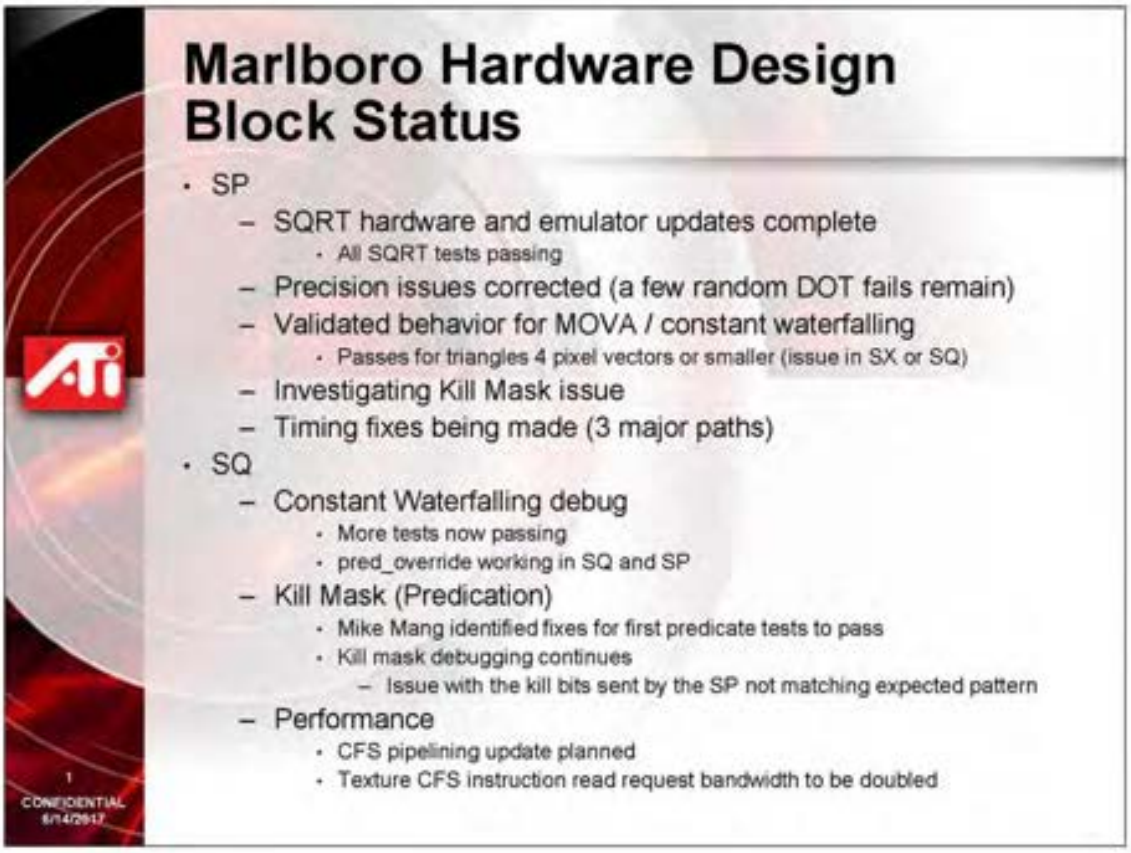




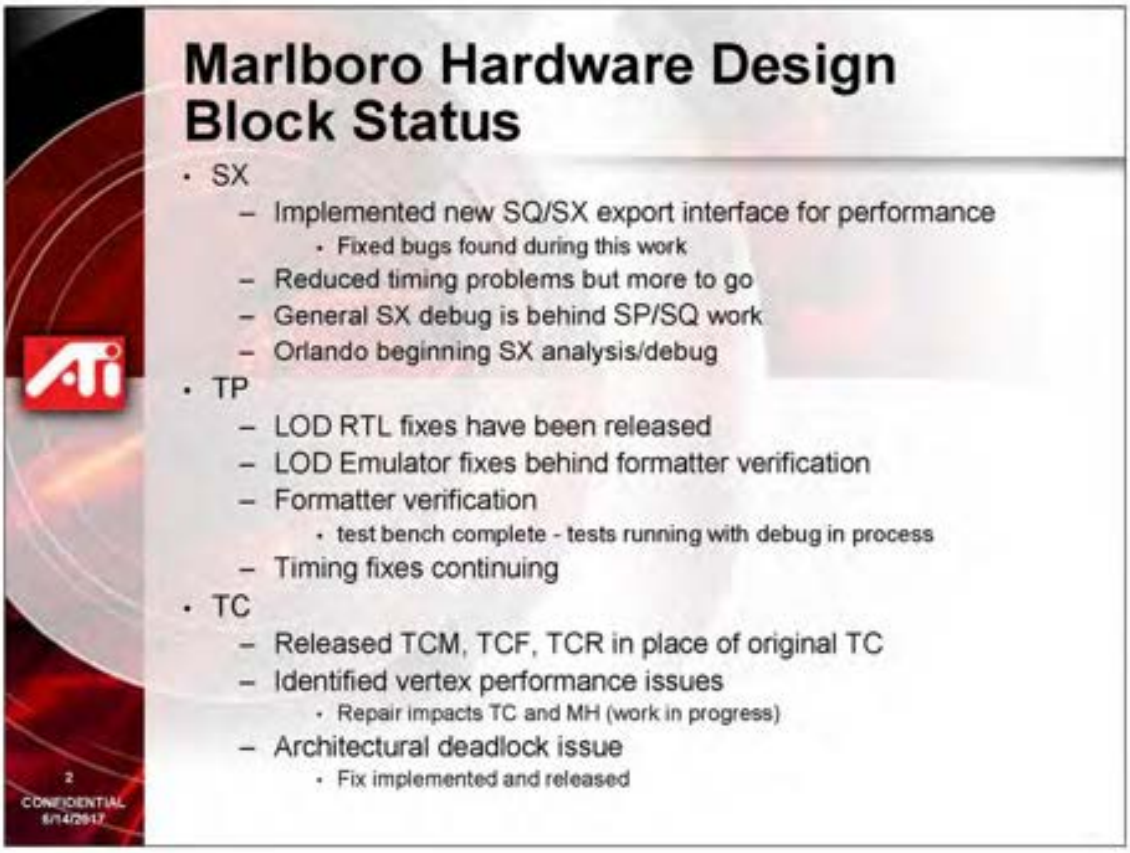
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Risks
• It has been realized that upsampling 420 to 444 for the overlay will cause artifacts. A new gradient filter is being added to the shader to compensate. Likely performance and visual impact. Work is ongoing on this issue. ( Update: This issue is still being investigated. )
• No design yet for bandwidth sharing. ( Update: First proposal for design expected next week. )
• We don't yet have a synchronized schedule with the Cobra team. ( no update )
• We still need to produce an IKOS plan. ( Update: Done )
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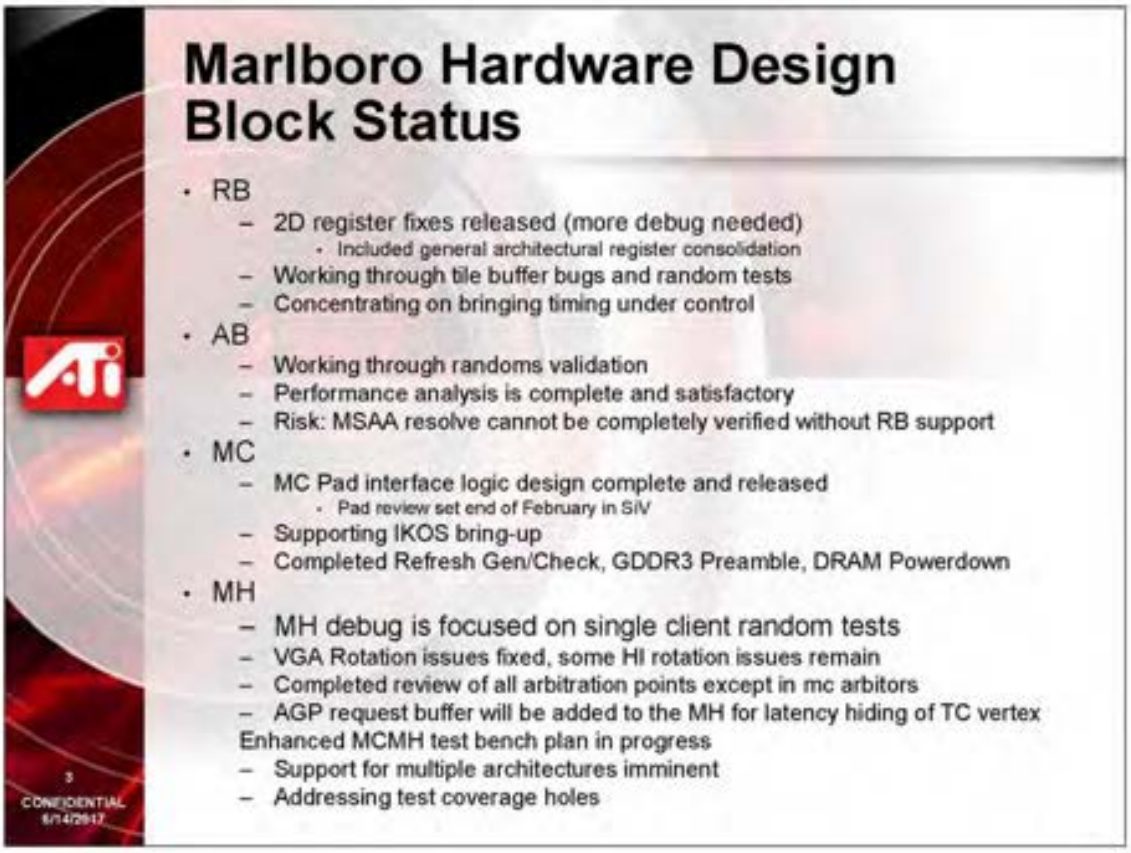
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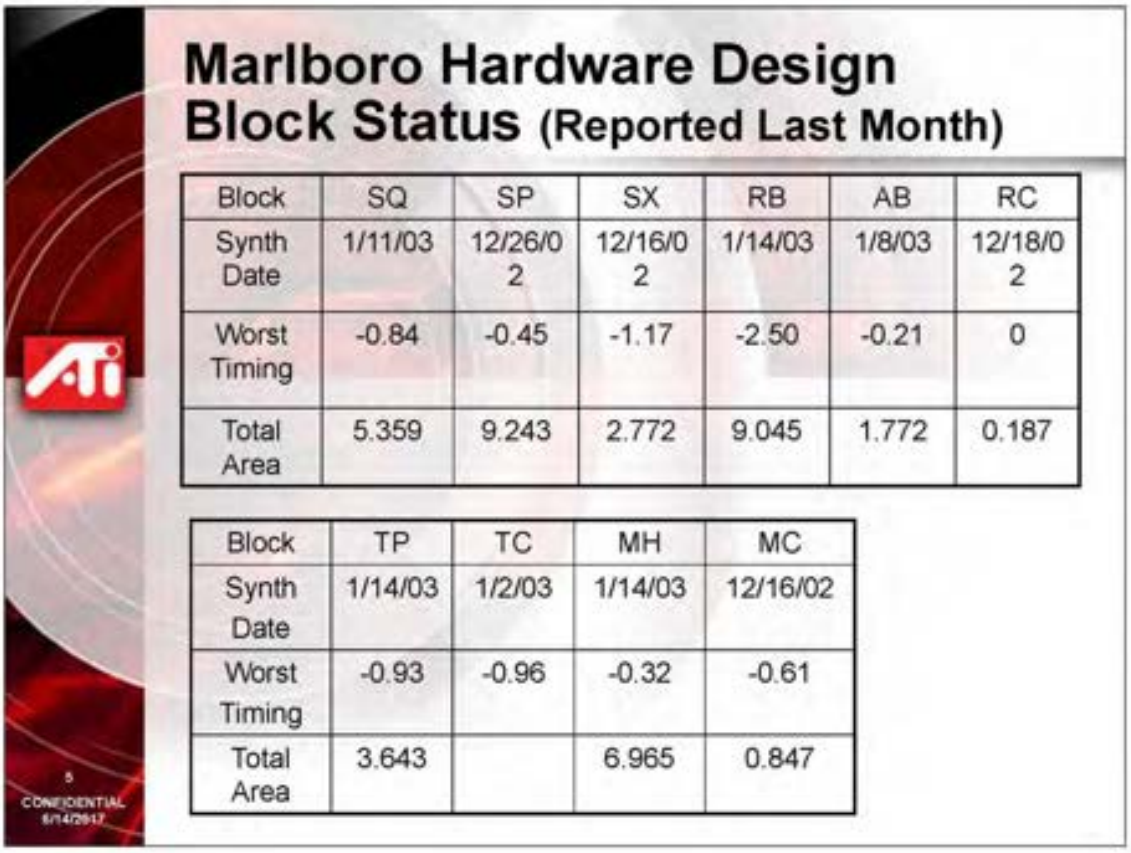



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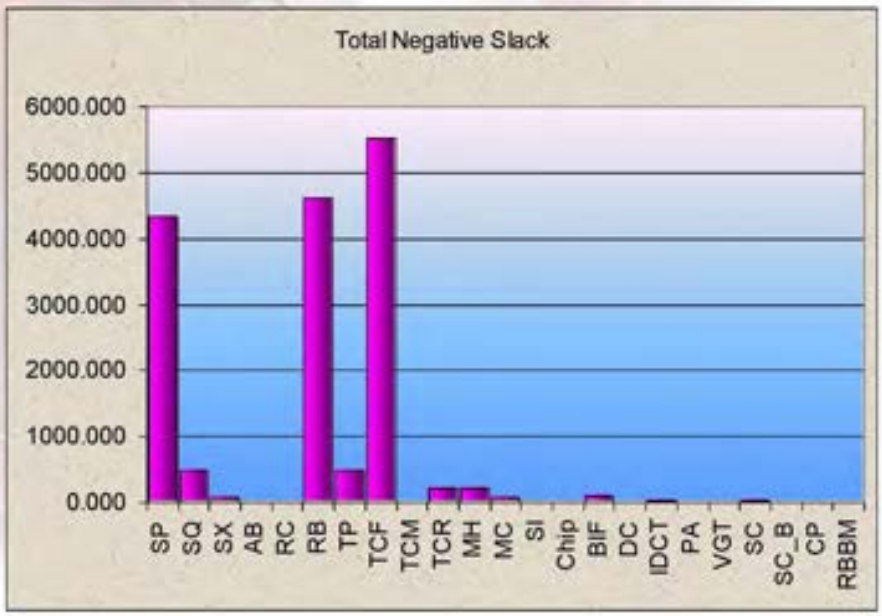
# Marlboro Hardware Design Block Status (Netlist 4)

| BLOCK | SQ | SP | SX | RB | AB | RC |
|---|---|---|---|---|---|---|
| Synth Date | Feb 10, 2003 | Feb 5, 2003 | Feb 6, 2003 | Feb 10, 2003 | Feb 7, 2003 | Jan 27, 2003 |
| Worst Timing | -0.91 | -0.84 | -0.47 | -1.39 | -0.05 | 0.0 |
| Total Neg Slack | 488.9 | 4343.7 | 61.8 | 4601.9 | 0.1 | 0.0 |
| Total Area (sqmm) | 5.506 | 9.868 | 3.566 | 8.678 | 1.791 | 0.185 |
| Number of Cells | 118931 | 439864 | 75089 | 433656 | 114183 | 9836 |

| BLOCK | TP | TCF | TCM | TCR | MH | MC |
|---|---|---|---|---|---|---|
| Synth Date | Feb 10, 2003 | Feb 7, 2003 | Feb 10, 2003 | Feb 10, 2003 | Feb 10, 2003 | Jan 28, 2003 |
| Total Neg Slack | -0.20 | 333.1 | 0.0 | 212.0 | 197.5 | 59.0 |
| Wireload | 7.7 | N/A | N/A | N/A | N/A | N/A |
| Total Area (sqmm) | 3.951 | 2.620 | 5.772 | 4.859 | 6.812 | 0.951 |
| Number of Cells | 182863 | 147907 | 295949 | 295851 | 310882 | 25295 |


Marlboro Hardware Design
Block Status (Reported Last Month)
Block | SQ | SP | SX | RB | AB | RC
Synth Date | 1/11/03 | 12/26/02 | 12/16/02 | 1/14/03 | 1/8/03 | 12/18/02
Worst Timing | -0.84 | -0.45 | -1.17 | -2.50 | -0.21 | 0
Total Area | 5.359 | 9.243 | 2.772 | 9.045 | 1.772 | 0.187
Block | TP | TC | MH | MC
Synth Date | 1/14/03 | 1/2/03 | 1/14/03 | 12/16/02
Worst Timing | -0.93 | -0.96 | -0.32 | -0.61
Total Area | 3.643 | | 6.965 | 0.847
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# Marlboro Hardware Design Block Status




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# Marlboro Hardware Design Block Status






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# Marlboro Hardware Design Block Status

| Block | Plan | Last FC | Current FC |
|---|---|---|---|
| AB | 11/18/2002 | 12/18/2002 | 2/14/2003 |
| SP | 11/18/2002 | 2/14/2003 | 2/14/2003 |
| SX | 12/2/2002 | 2/28/2003 | 2/28/2003 |
| MC | 12/16/2002 | 3/15/2003 | 3/15/2003 |
| MH | 1/2/2003 | 3/15/2003 | 3/15/2003 |
| RB | 1/15/2003 | 4/10/2003 | 4/10/2003 |
| TP | 1/31/2003 | 4/30/2003 | 4/30/2003 |
| TCM/TCF/TCR | 1/31/2003 | 4/30/2003 | 4/30/2003 |
| SQ | 1/15/2003 | 5/1/2003 | 5/1/2003 |



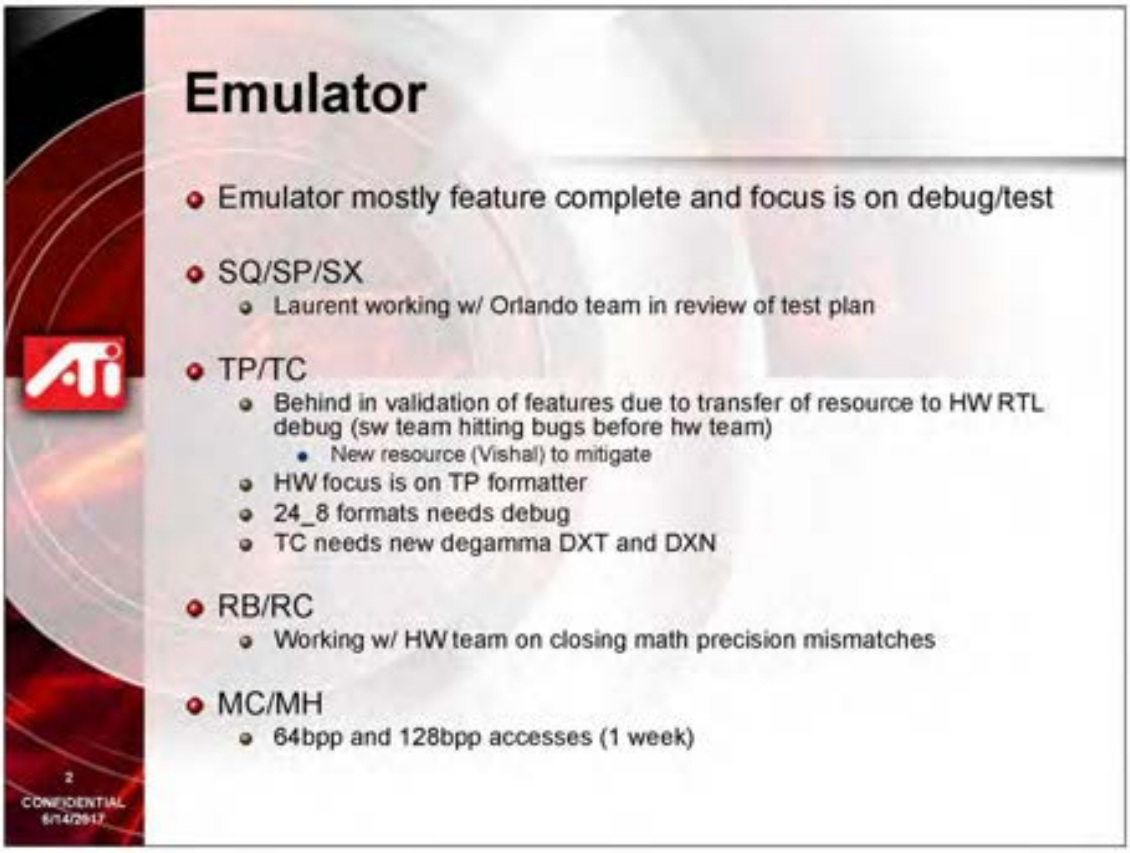

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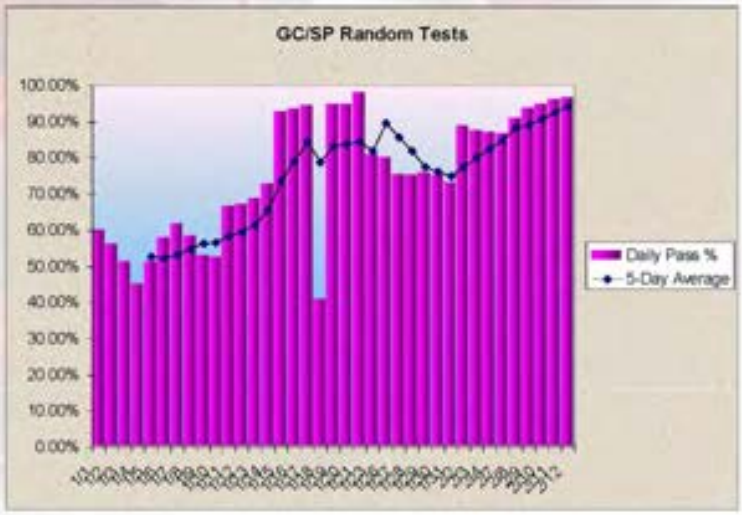

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Emulator
Emulator mostly feature complete and focus is on debug/test
SQ/SP/SX
Laurent working w/ Orlando team in review of test plan
TP/TC
Behind in validation of features due to transfer of resource to HW RTL debug (sw team hitting bugs before hw team)
New resource (Vishal) to mitigate
HW focus is on TP formatter
24_8 formats needs debug
TC needs new degamma DXT and DXN
RB/RC
Working w/ HW team on closing math precision mismatches
MC/MH
64bpp and 128bpp accesses (1 week)
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# HW Verification (directed tests)

| Block | Planned | %Written | %Running | %Passing |
|---|---|---|---|---|
| MC/MH | 2437 | 98% | 100% | 99% |
| RB/RC | 4000 | 80% | 80% | 49% |
| SP | 1505 | 98% | 100% | 96% |
| SQ | 163 | 97% | 97% | 35% |
| SX | 45 | 95% | 95% | 71% |
| TP/TC | 5500 | 85% | 14% | 36% |

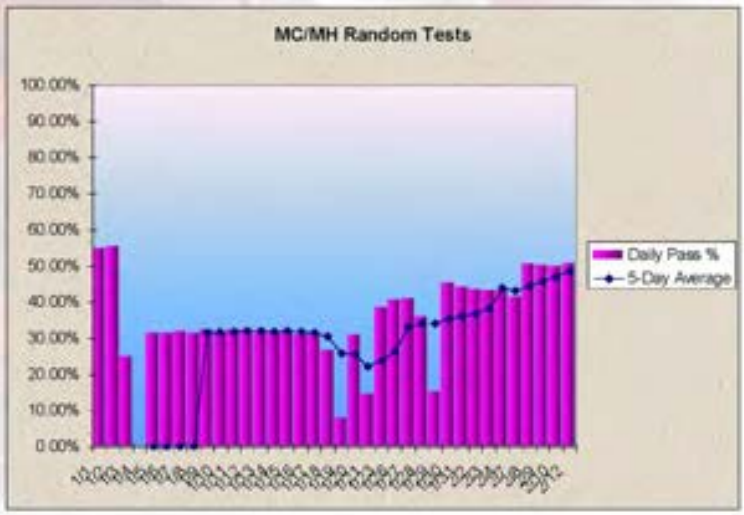
# Random Validation (SP)






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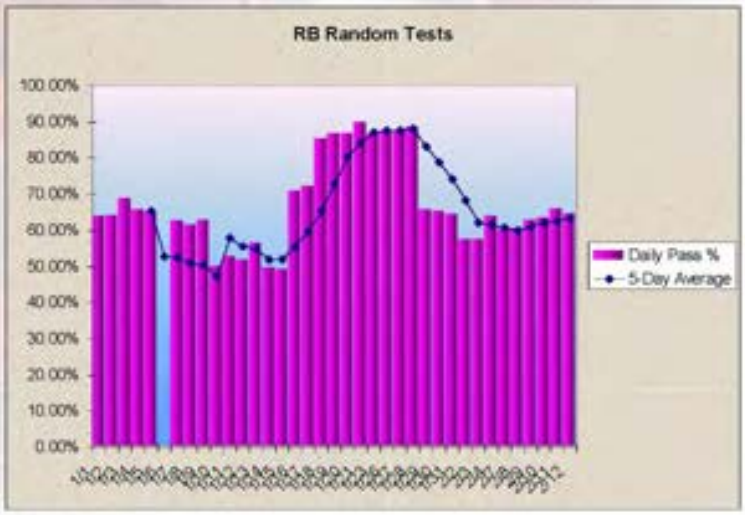
# Random Validation (MC/MH)





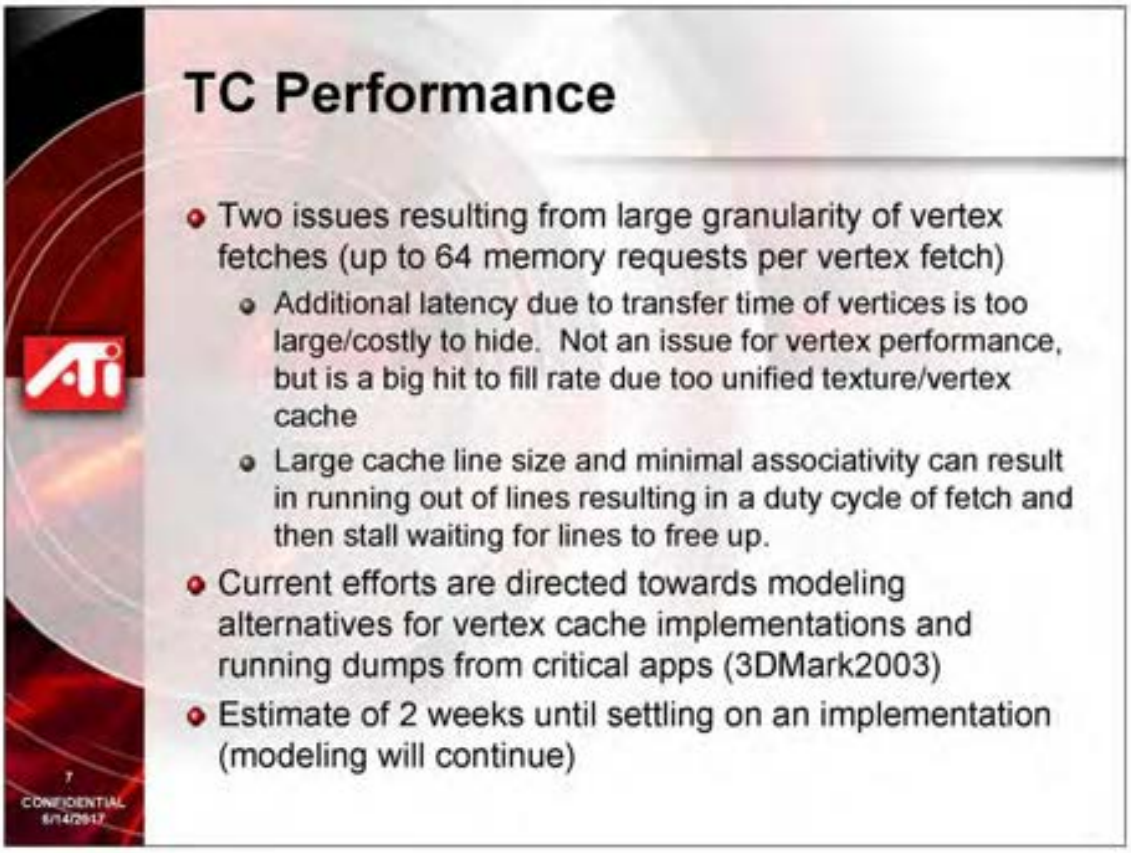

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# Random Validation (RB)






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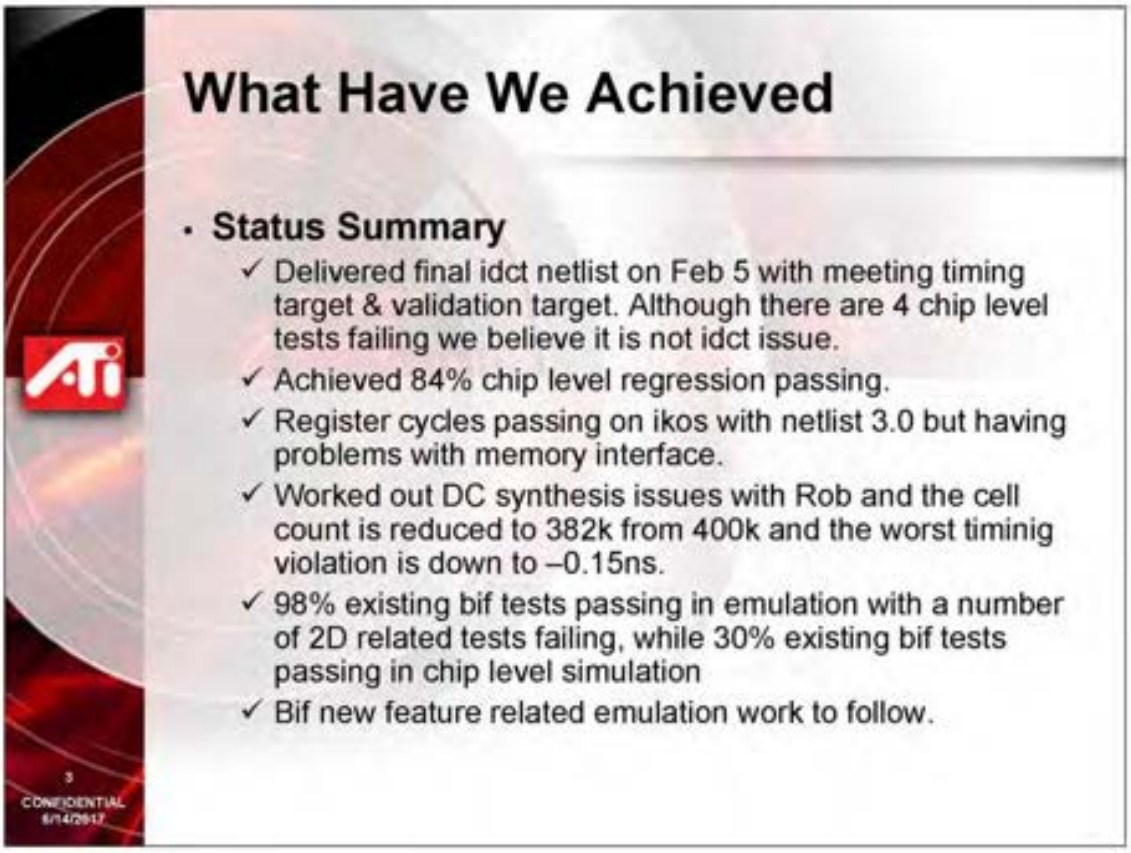

TC Performance
Two issues resulting from large granularity of vertex fetches (up to 64 memory requests per vertex fetch)
Additional latency due to transfer time of vertices is too large/costly to hide. Not an issue for vertex performance, but is a big hit to fill rate due too unified texture/vertex cache
Large cache line size and minimal associativity can result in running out of lines resulting in a duty cycle of fetch and then stall waiting for lines to free up.
Current efforts are directed towards modeling alternatives for vertex cache implementations and running dumps from critical apps (3DMark2003)
Estimate of 2 weeks until settling on an implementation (modeling will continue)
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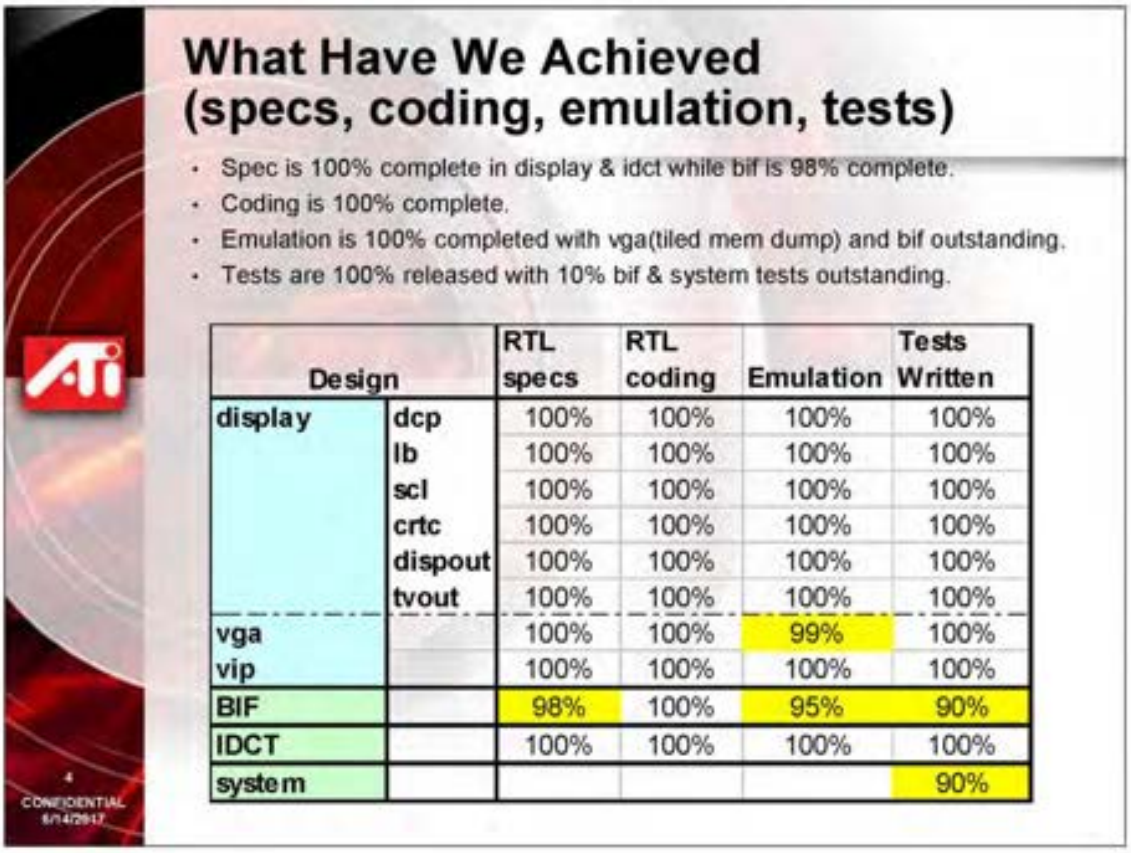



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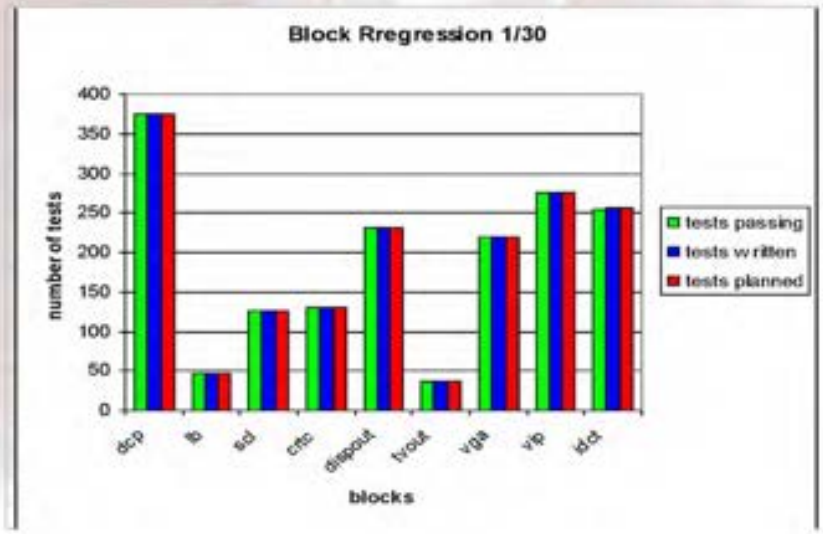

What Have We Achieved
Status Summary
✓ Delivered final idct netlist on Feb 5 with meeting timing target & validation target. Although there are 4 chip level tests failing we believe it is not idct issue.
✓ Achieved 84% chip level regression passing.
✓ Register cycles passing on ikos with netlist 3.0 but having problems with memory interface.
✓ Worked out DC synthesis issues with Rob and the cell count is reduced to 382k from 400k and the worst timinig violation is down to –0.15ns.
✓ 98% existing bif tests passing in emulation with a number of 2D related tests failing, while 30% existing bif tests passing in chip level simulation
✓ Bif new feature related emulation work to follow.
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# What Have We Achieved (block RTL regression)

- All blocks are 100% passing

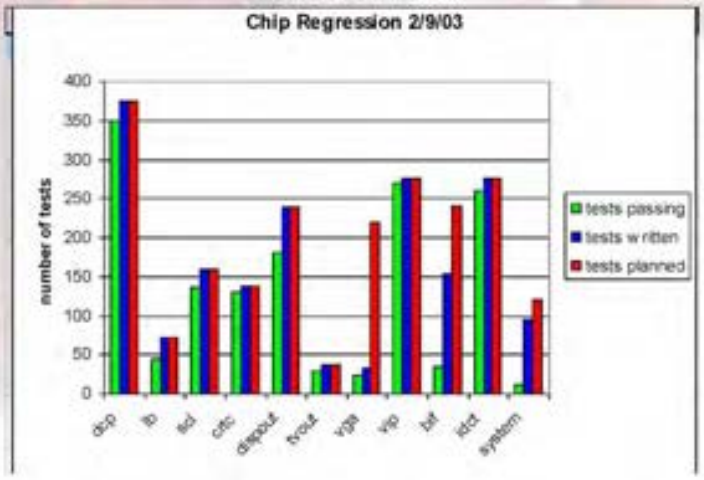



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# What Have We Achieved (Chip regression)

- Overall 84% passed on chip level
- Dcp, crtc, vip all have above 90% passing. The remaining failures are mainly due to test issues, network glitches & environment problems.
- Vga is gated by tiled memory dump while bif is gated by mh interface issues on 64byte write.
- System tests are to be focused next




- Crtc – 95%
- Dcp – 93%
- Lb – 63%
- Scl – 85%
- Dispout – 76%
- Tvout – 78%
- Vga – 10%
- Vip – 98%
- Bif – 15%
- Idct – 94%
- System – 10%

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# What Have We Achieved (Chip regression emulation)

- Most emulations and tests are 100% completed.
- vga is mainly due to tiled memory dump issue. We plan to resolve emulation issue & start chip regression next week
- Bif emulation issues remains to be 2D related tests failures & new feature implementations.

| Design | Chip emu regress | Tests passing | Tests Released | Tests Planned |
|---|---|---|---|---|
| dcp | 100% | 375 | 375 | 375 |
| lb | 100% | 47 | 47 | 47 |
| scl | 100% | 159 | 159 | 159 |
| crtc | 100% | 131 | 131 | 131 |
| dispout | 100% | 232 | 232 | 232 |
| tvout | 100% | 37 | 37 | 37 |
| vga | 59% | 130 | 171 | 220 |
| vip | 100% | 275 | 275 | 275 |
| DC | | *1386* | *1427* | *1476* |
| BIF | 71% | 141 | 153 | 200 |
| IDCT | 100% | 246 | 246 | 246 |
| System | 94% | 94 | 98 | 100 |
| *Total* | *92%* | *1867* | *1924* | *2022* |

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# What Have We Achieved (Area & Timing)

- IDCT is finalized and meet the speed target.
- DC gate count is down to 380k and the worst violation is down to –0.05ns
- BIF's timing issue are due to design changes and the efforts will be in place after the validation is completed, ie. within 1 – 2 weeks.

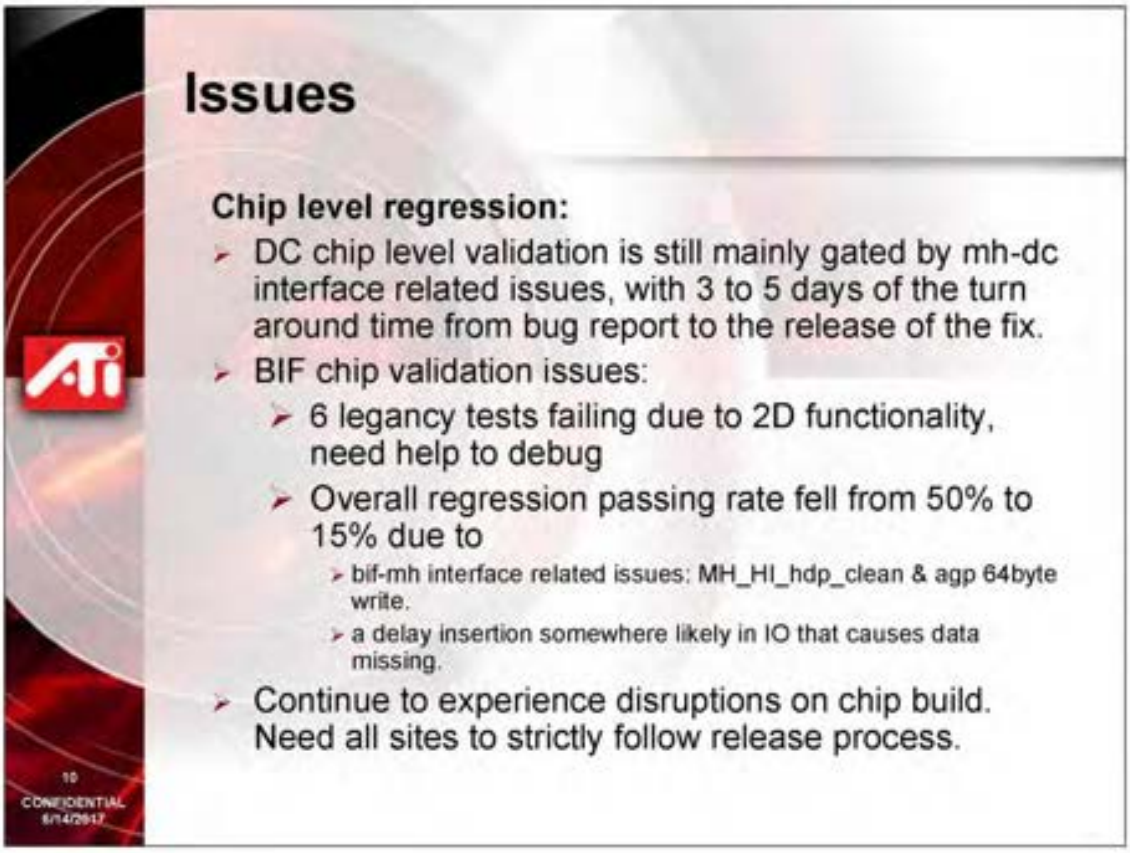
| DC | | |
|---|---|---|
| Area (mm2) | 8.4 | |
| Cell Count | 380k | |
| Timing | | |
| Path Groups | Speed (ns) | Violation (ns) |
| PCLK_CRTC1 | 2.25 | 0 |
| PCLK_CRTC2 | 2.25 | 0 |
| SCLK_G_DCP | 2.25 | -0.03 |
| SCLK_G_SCL1 | 2.25 | 0 |
| SCLK_G_SCL2 | 2.25 | 0 |
| SCLK_G_VGA | 2.25 | 0 |
| SCLK_G_VIP | 2.25 | 0 |
| SCLK_M | 2.25 | 0 |
| SCLK_P_DC | 2.25 | -0.05 |
| SCLK_R_DISP | 2.25 | 0 |
| SCLK_R_TVOUT | 2.25 | 0 |
| SCLK_R_VIP | 2.25 | 0 |

| BIF | | |
|---|---|---|
| Area (mm2) | 1.63 | |
| Cell Count | 163K | |
| Timing | | |
| Path Groups | Speed (ns) | Violation (ns) |
| SCLK_G_BIF | 2.25 | -0.58 |
| AGPCLK | 3.5 | 0 |
| BCLK | 14 | 0 |

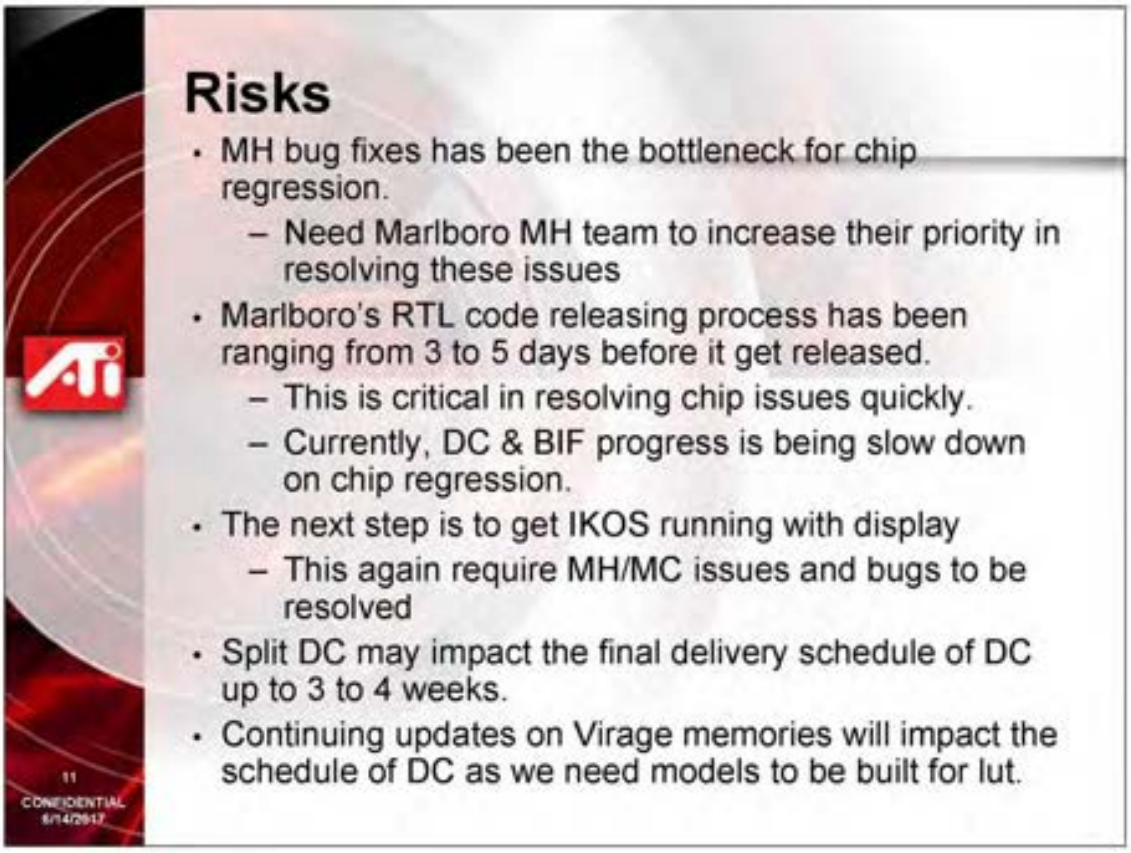
| IDCT | | |
|---|---|---|
| Area (mm2) | 1.23 | |
| Cell Count | 72K | |
| Timing | | |
| Path Groups | Speed (ns) | Violation (ns) |
| SCLK_G_DCT | 2.25 | 0 |

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What's ahead?
Next Set of Goals:
Achieve DC 100% passing in chip level regression by Feb 28
Focus on debugging system tests
Deliver DC final netlist by Feb 28 (need to work with mh to achieve the target)
Display IKOS validation on netlist 4.0 for vga, display & tvout features
Close bif existing tests issues by 2/28.
Close bif timing and new tests issues by Mar 20 (need to work with mh to achieve the target)
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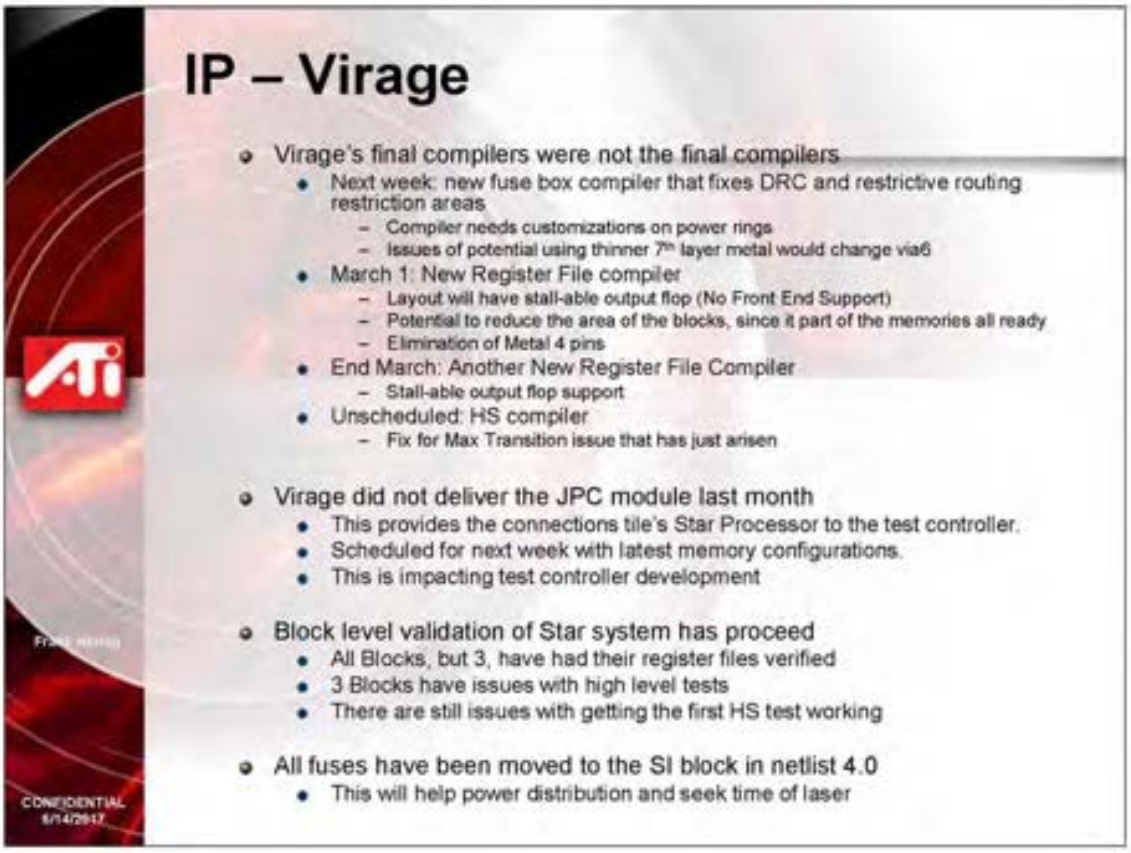


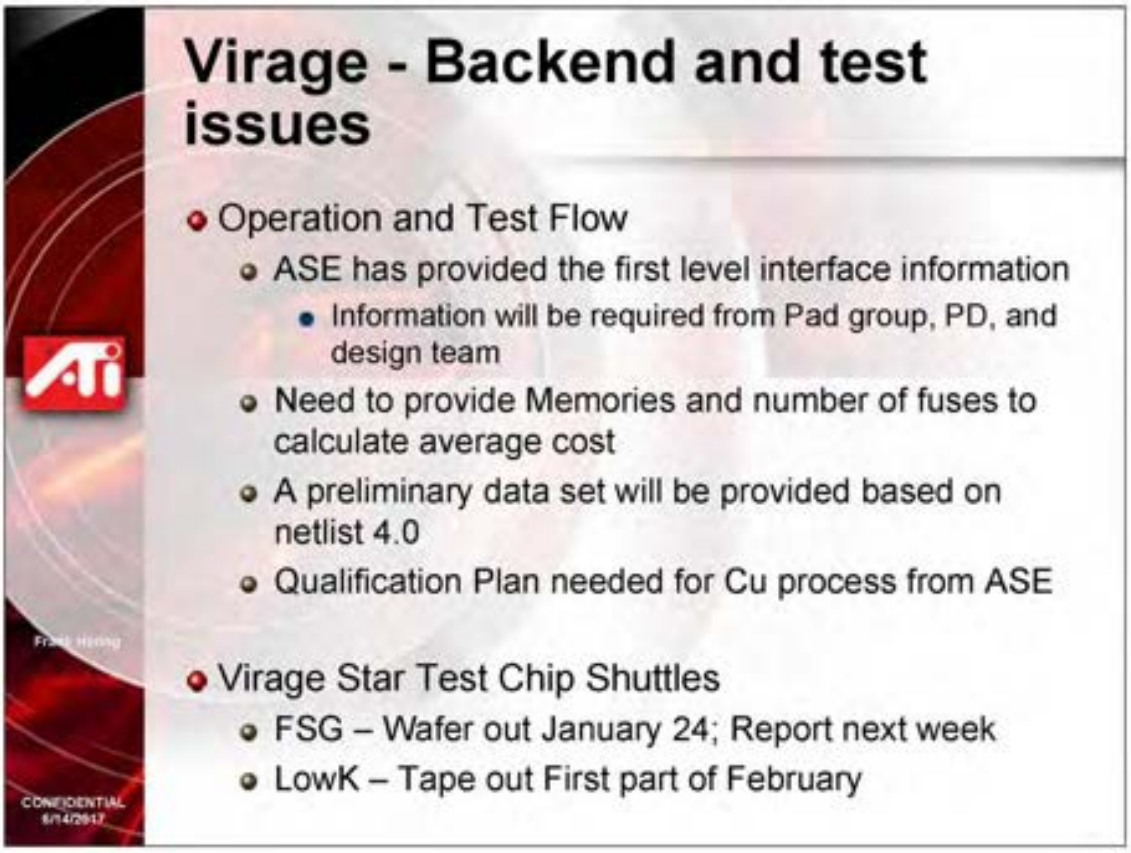

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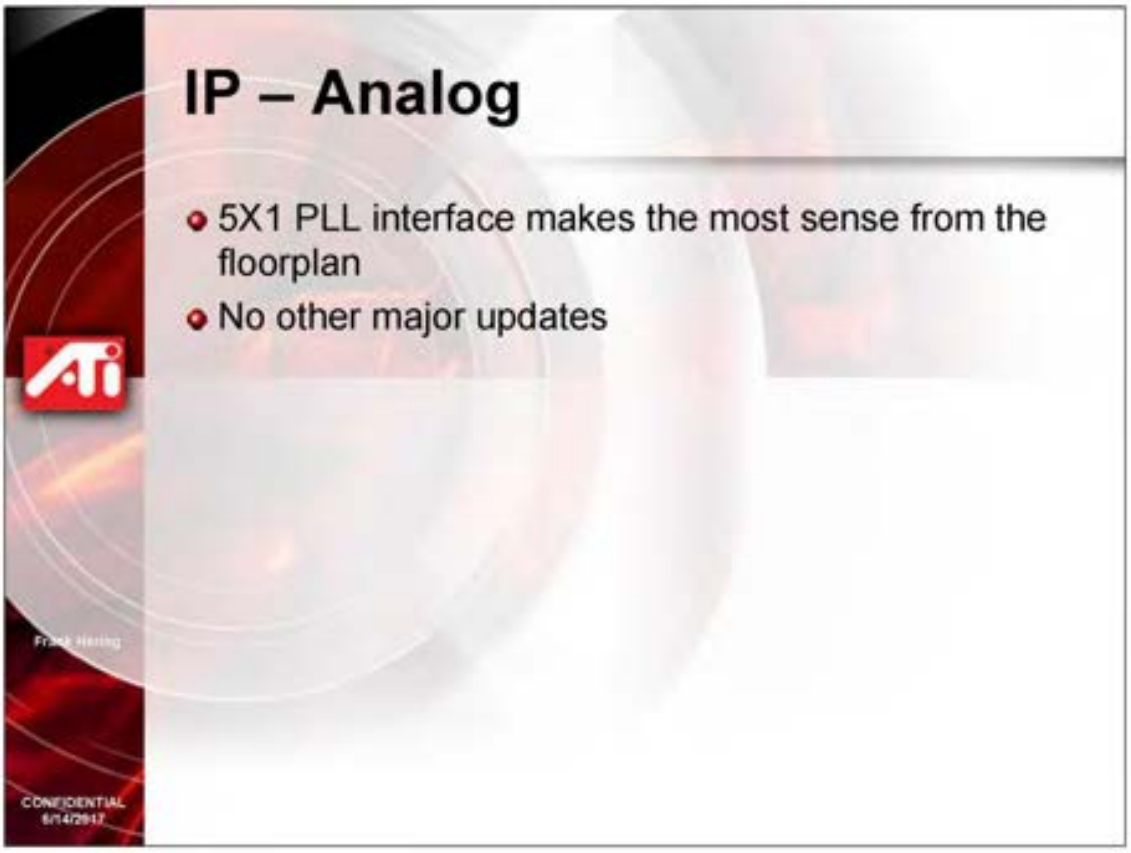

Risks
• MH bug fixes has been the bottleneck for chip regression.
– Need Marlboro MH team to increase their priority in resolving these issues
• Marlboro's RTL code releasing process has been ranging from 3 to 5 days before it get released.
– This is critical in resolving chip issues quickly.
– Currently, DC & BIF progress is being slow down on chip regression.
• The next step is to get IKOS running with display
– This again require MH/MC issues and bugs to be resolved
• Split DC may impact the final delivery schedule of DC up to 3 to 4 weeks.
• Continuing updates on Virage memories will impact the schedule of DC as we need models to be built for lut.
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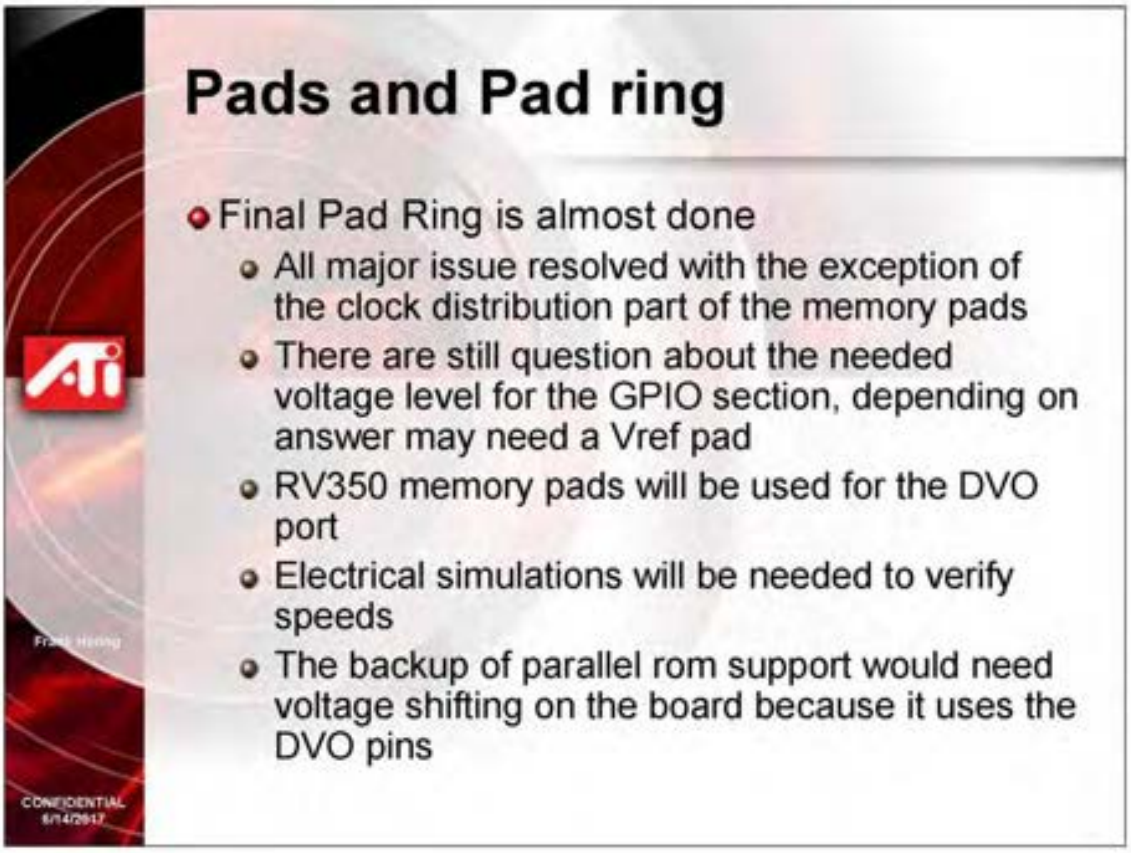


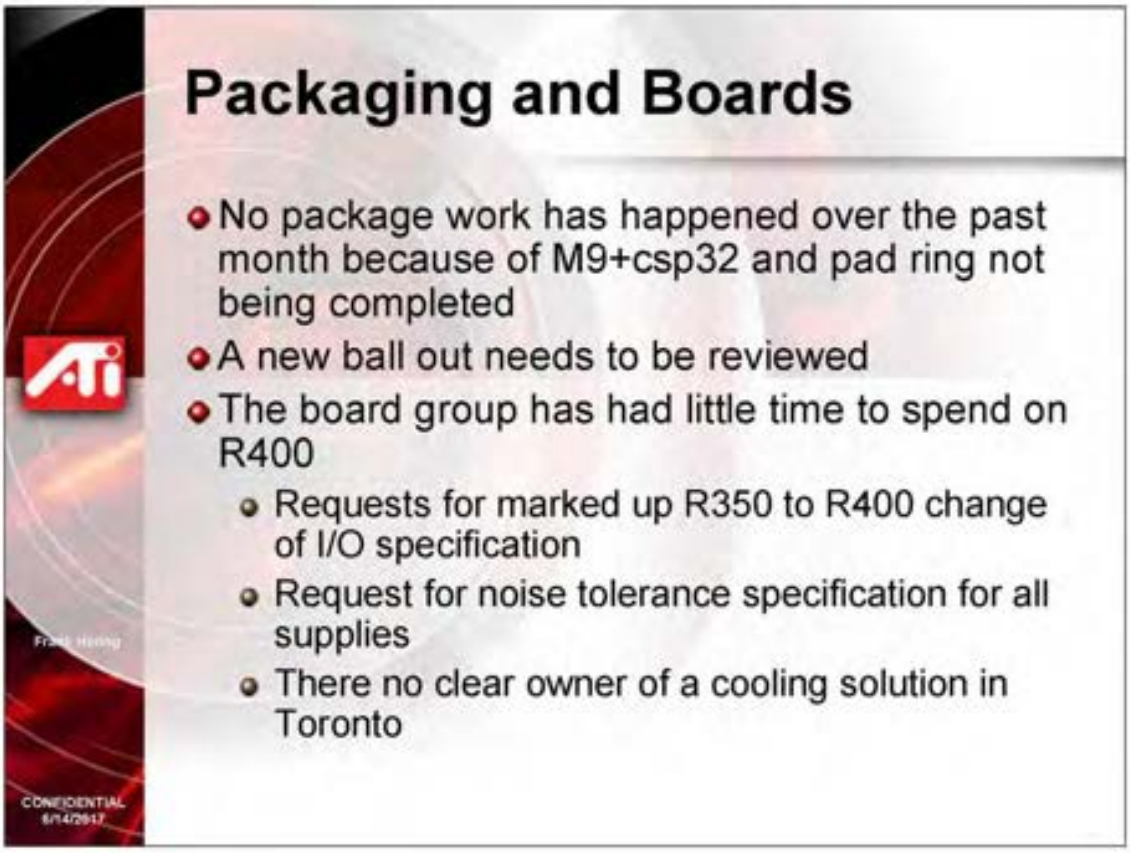

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IP – Virage
Virage's final compilers were not the final compilers
Next week: new fuse box compiler that fixes DRC and restrictive routing restriction areas
Compiler needs customizations on power rings
Issues of potential using thinner 7th layer metal would change via6
March 1: New Register File compiler
Layout will have stall-able output flop (No Front End Support)
Potential to reduce the area of the blocks, since it part of the memories all ready
Elimination of Metal 4 pins
End March: Another New Register File Compiler
Stall-able output flop support
Unscheduled: HS compiler
Fix for Max Transition issue that has just arisen
Virage did not deliver the JPC module last month
This provides the connections tile's Star Processor to the test controller.
Scheduled for next week with latest memory configurations.
This is impacting test controller development
Block level validation of Star system has proceed
All Blocks, but 3, have had their register files verified
3 Blocks have issues with high level tests
There are still issues with getting the first HS test working
All fuses have been moved to the SI block in netlist 4.0
This will help power distribution and seek time of laser
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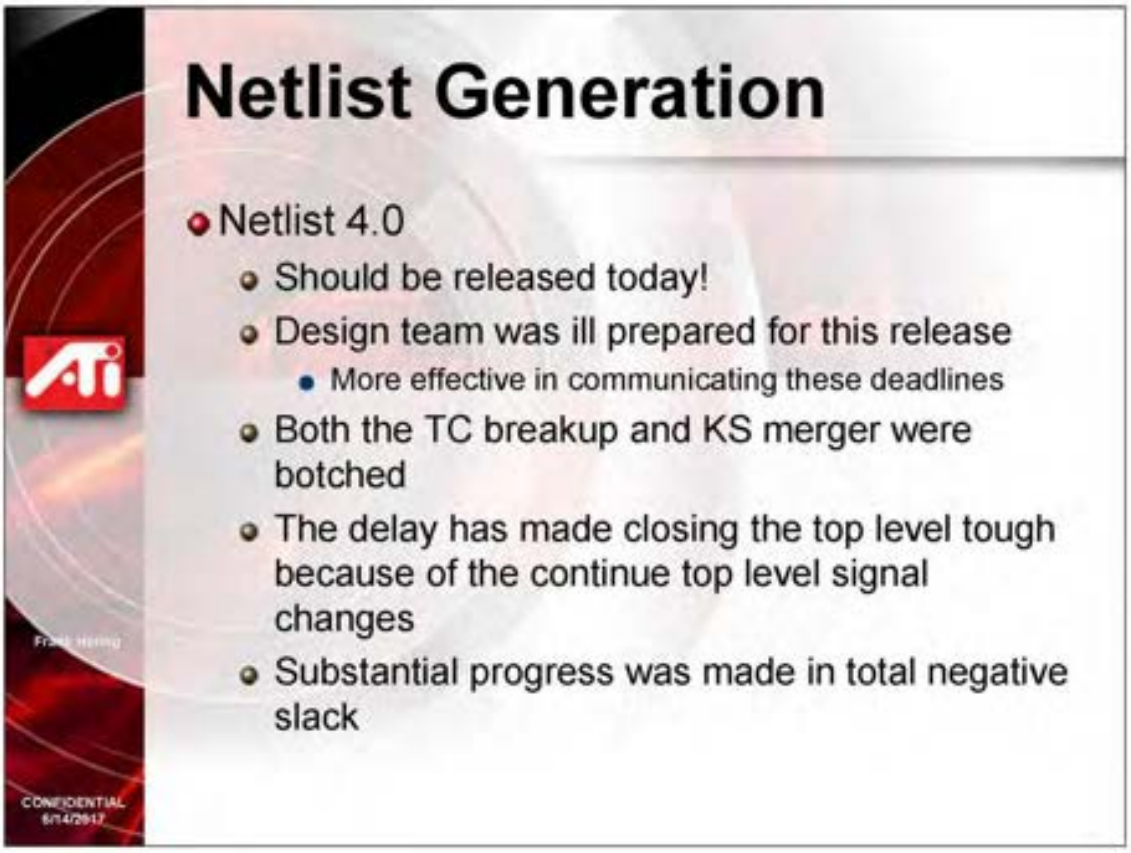

Virage - Backend and test issues
Operation and Test Flow
ASE has provided the first level interface information
Information will be required from Pad group, PD, and design team
Need to provide Memories and number of fuses to calculate average cost
A preliminary data set will be provided based on netlist 4.0
Qualification Plan needed for Cu process from ASE
Virage Star Test Chip Shuttles
FSG – Wafer out January 24; Report next week
LowK – Tape out First part of February
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IP – Analog
5X1 PLL interface makes the most sense from the floorplan
No other major updates
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Pads and Pad ring
Final Pad Ring is almost done
All major issue resolved with the exception of the clock distribution part of the memory pads
There are still question about the needed voltage level for the GPIO section, depending on answer may need a Vref pad
RV350 memory pads will be used for the DVO port
Electrical simulations will be needed to verify speeds
The backup of parallel rom support would need voltage shifting on the board because it uses the DVO pins
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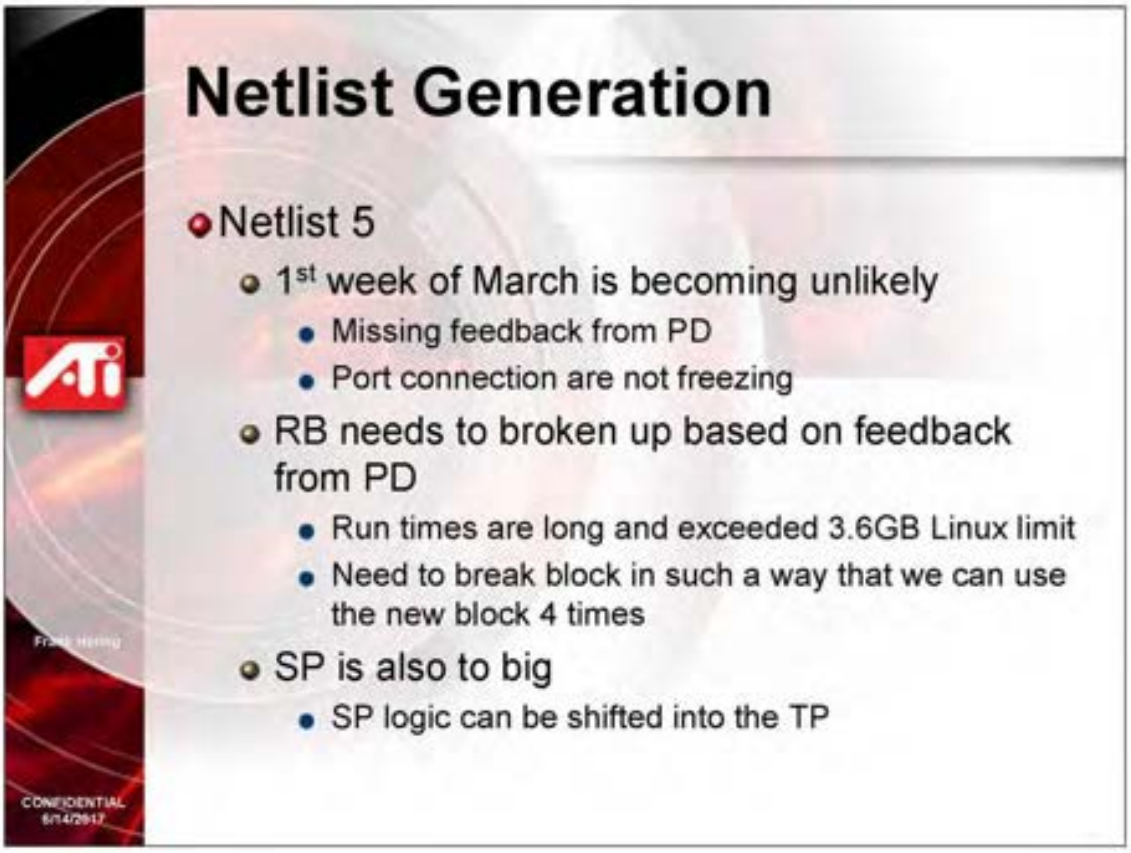

Packaging and Boards
No package work has happened over the past month because of M9+csp32 and pad ring not being completed
A new ball out needs to be reviewed
The board group has had little time to spend on R400
Requests for marked up R350 to R400 change of I/O specification
Request for noise tolerance specification for all supplies
There no clear owner of a cooling solution in Toronto
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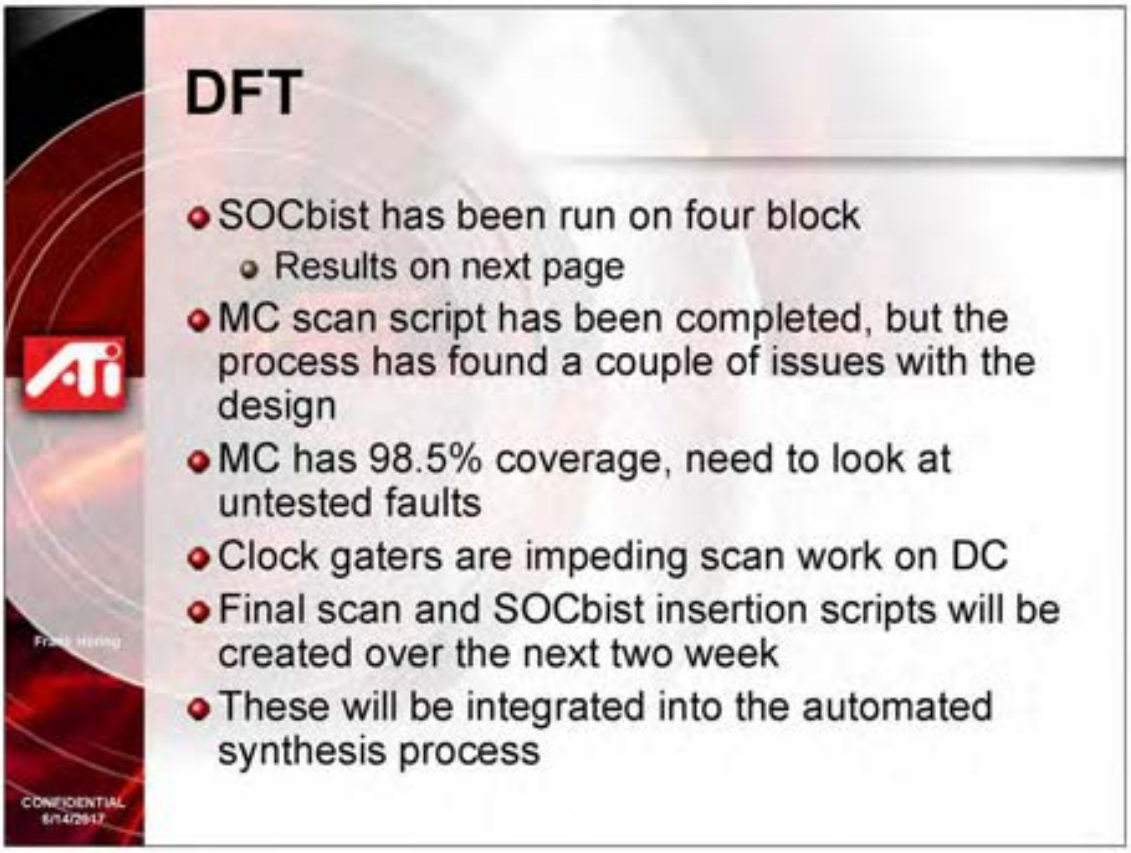

System Integration
Board and Board marketing groups committed to reviewing strapping and chip id's for all variations, but this did not happen.
VGT, IDCT, and RBBM have been merged into the KS block
Currently adding top level regeneration flops
There are a number of issues emerging issues with the clock gaters.
Documentation is incorrect
Implementations are inconsistent
DFT, timing, and PD issues were not fully considered
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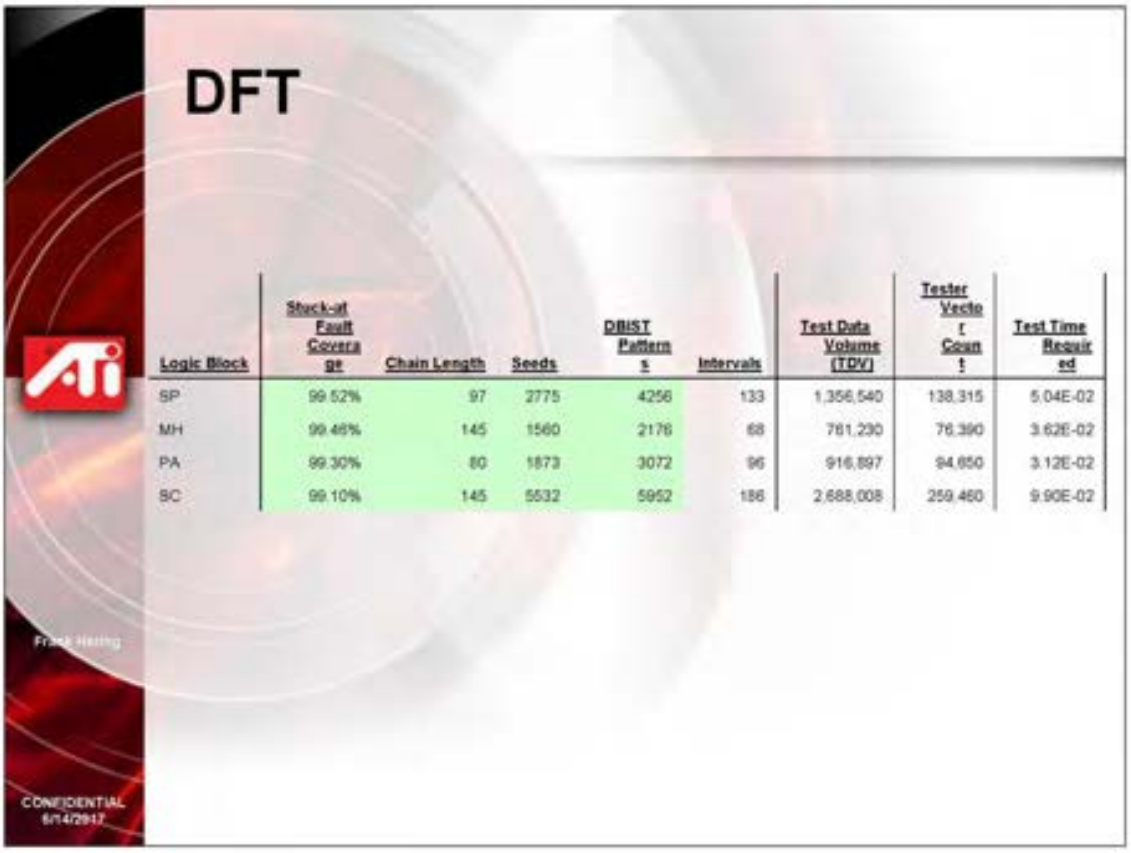

Netlist Generation
Netlist 4.0
Should be released today!
Design team was ill prepared for this release
More effective in communicating these deadlines
Both the TC breakup and KS merger were botched
The delay has made closing the top level tough because of the continue top level signal changes
Substantial progress was made in total negative slack
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# Netlist Generation

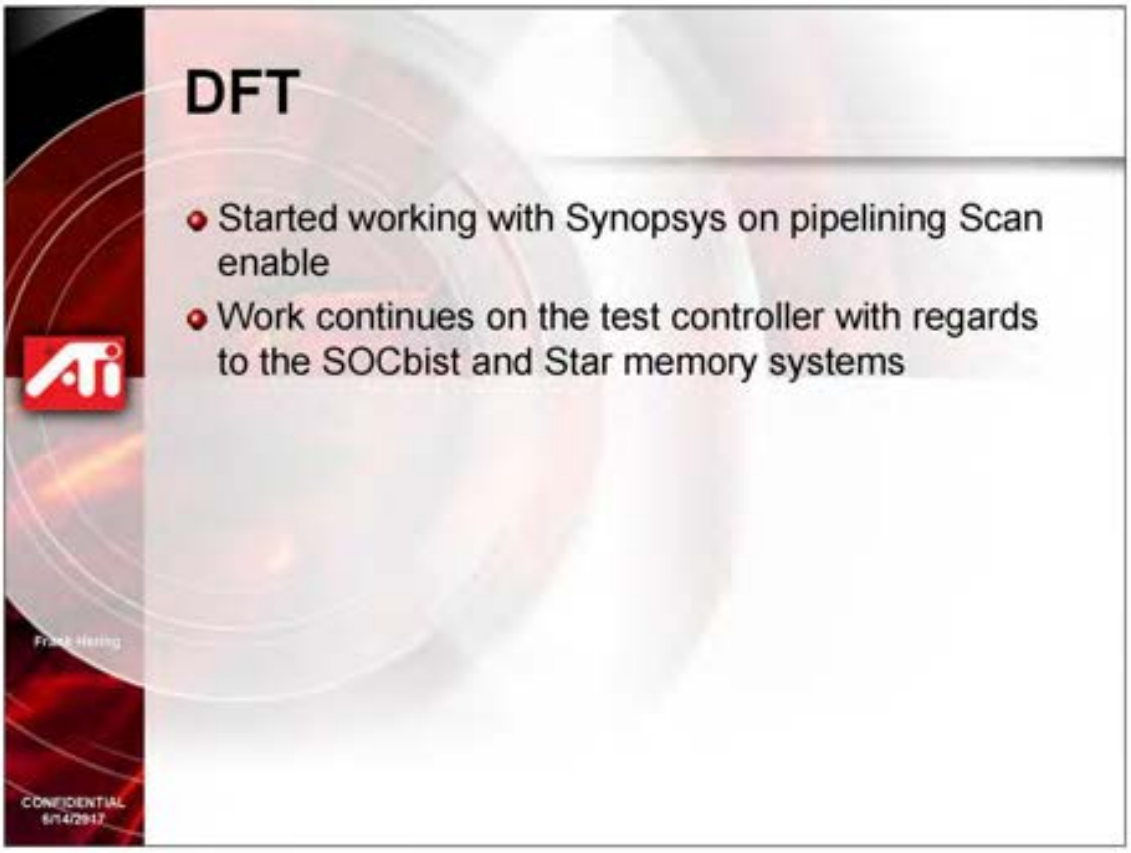
- Netlist 4.1
  - This needed to complete some of the items that were missed in 4.0
  - SOCbist connections need to added
  - Need a much cleaner build of top level
  - Final blocks for Orlando Blocks, AB, and SP
  - Next level of details that were not done on netlist 4.0 need to be completed
  - Need to schedule in the 4th week of February, so blocks need to deliver next week with no exceptions

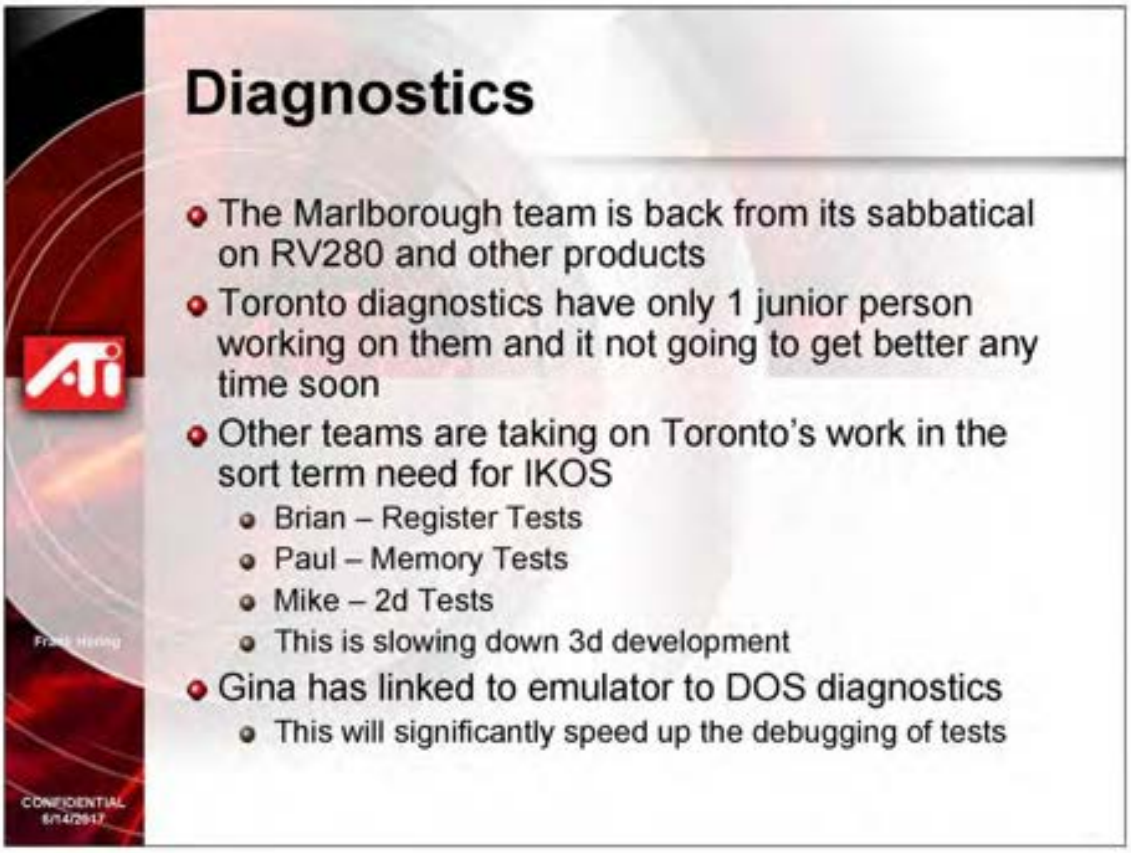

Netlist Generation
Netlist 5
1st week of March is becoming unlikely
Missing feedback from PD
Port connection are not freezing
RB needs to broken up based on feedback from PD
Run times are long and exceeded 3.6GB Linux limit
Need to break block in such a way that we can use the new block 4 times
SP is also to big
SP logic can be shifted into the TP
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DFT
SOCbist has been run on four block
Results on next page
MC scan script has been completed, but the process has found a couple of issues with the design
MC has 98.5% coverage, need to look at untested faults
Clock gaters are impeding scan work on DC
Final scan and SOCbist insertion scripts will be created over the next two week
These will be integrated into the automated synthesis process
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DFT
Started working with Synopsys on pipelining Scan enable
Work continues on the test controller with regards to the SOCbist and Star memory systems
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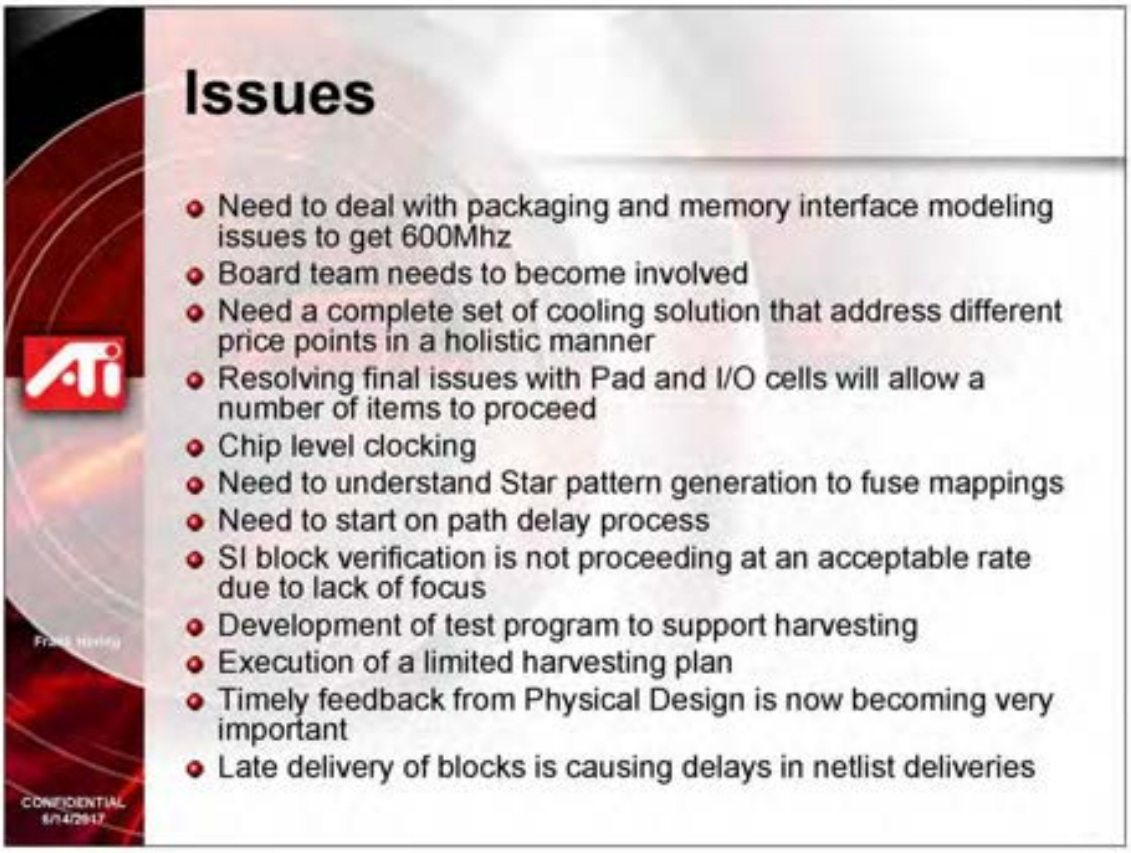

Diagnostics
The Marlborough team is back from its sabbatical on RV280 and other products
Toronto diagnostics have only 1 junior person working on them and it not going to get better any time soon
Other teams are taking on Toronto's work in the sort term need for IKOS
Brian – Register Tests
Paul – Memory Tests
Mike – 2d Tests
This is slowing down 3d development
Gina has linked to emulator to DOS diagnostics
This will significantly speed up the debugging of tests
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# Hardware Emulation

- Netlist 3.0 has made rapid progress in IKOS
  - Have performed memory writes and reads
  - This was only one two memory controller
    - Found an issue with this configuration in the MH
- IKOS is moving into area's of the design that have not been simulated yet
  - This is going to force the design team to address multiple debug issues

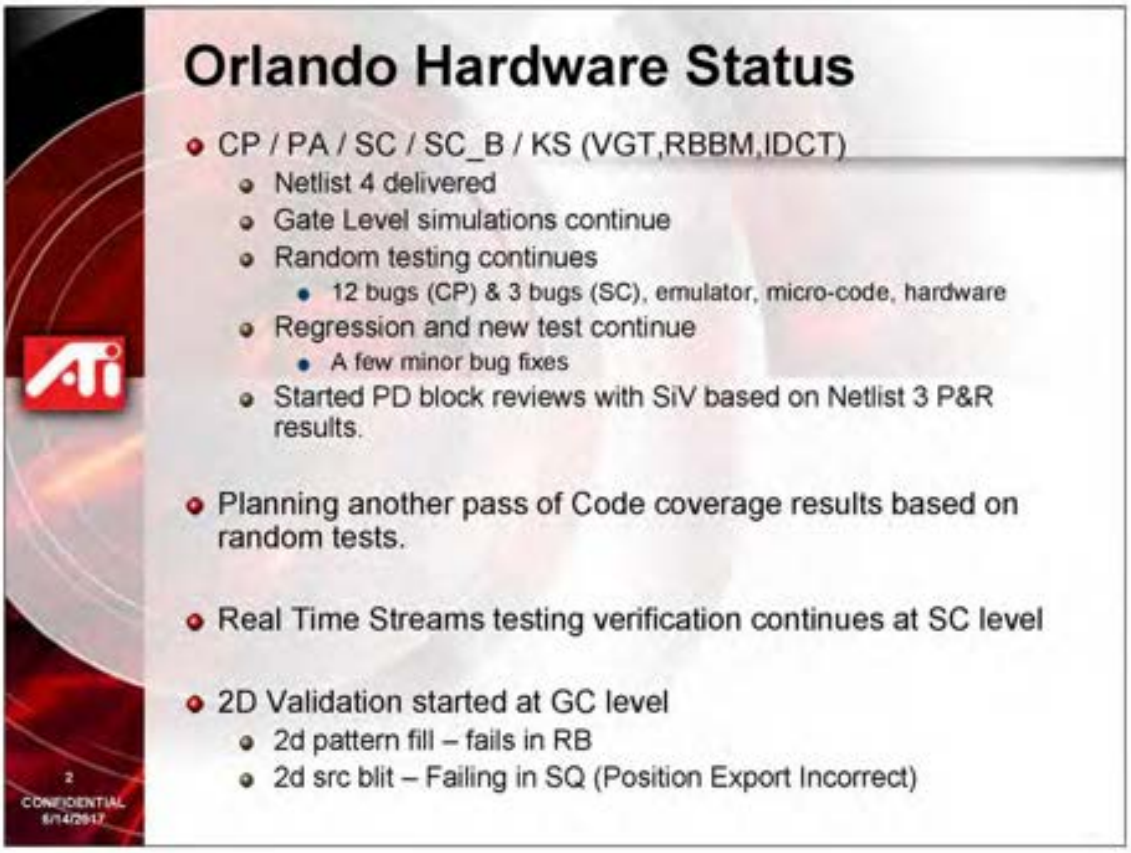


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Issues
Need to deal with packaging and memory interface modeling issues to get 600Mhz
Board team needs to become involved
Need a complete set of cooling solution that address different price points in a holistic manner
Resolving final issues with Pad and I/O cells will allow a number of items to proceed
Chip level clocking
Need to understand Star pattern generation to fuse mappings
Need to start on path delay process
SI block verification is not proceeding at an acceptable rate due to lack of focus
Development of test program to support harvesting
Execution of a limited harvesting plan
Timely feedback from Physical Design is now becoming very important
Late delivery of blocks is causing delays in netlist deliveries
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# Orlando Synthesis History Summary

| Worst Timing | | | | | | | |
|---|---|---|---|---|---|---|---|
| BLOCK | KS | PA | VGT | SC | SC_B | CP | RBBM |
| NetList 3 | N/A | -0.33 | -0.17 | -0.14 | -0.01 | -0.09 | -0.15 |
| Last Review | N/A | -0.04 | -0.06 | -0.17 | -0.01 | 0.00 | -0.03 |
| Netlist 4 | -0.10 | -0.03 | -0.06 | -0.07 | 0.00 | -0.08 | -0.09 |

| Total Area (Sqmm) | | | | | | | |
|---|---|---|---|---|---|---|---|
| BLOCK | KS | PA | VGT | SC | SC_B | CP | RBBM |
| NetList 3 | N/A | 4.213 | 1.235 | 4.276 | 3.600 | 4.580 | 0.271 |
| Last Review | N/A | 4.140 | 1.152 | 4.174 | 3.481 | 4.245 | 0.268 |
| Netlist 4 | 2.737 | 4.505 | 1.217 | 4.380 | 3.483 | 4.021 | 0.309 |



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# Orlando "Live" Synthesis Summary

| BLOCK | KS | PA | VGT | SC | SC_B | CP | RBBM |
|---|---|---|---|---|---|---|---|
| Synth Date | Feb 7, 2003 | Jan 28, 2003 | Jan 28, 2003 | Jan 28, 2003 | Jan 28, 2003 | Feb 7, 2003 | Jan 29, 2003 |
| Code Version | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Worst Timing | -0.10 | -0.03 | -0.06 | -0.07 | 0 | -0.08 | -0.09 |
| # > 1.00 nS | 0** | 0** | 0 | 0** | 0 | 0 | 0 |
| # > 0.50 nS | 0** | 0** | 0 | 0** | 0 | 0 | 0 |
| # > 0.20 nS | 0** | 0** | 0 | 0** | 0 | 0 | 0 |
| # > 0.00 nS | 504** | 139** | 323 | 547** | 0 | 930 | 24 |
| Total Neg Slack | | 2.0 | 7.2 | 19.3 | 0.0 | 64.8 | 1.1 |
| Wireload | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Cell Area (sqmm) | 2.111 | 3.155 | 0.753 | 3.282 | 3.483 | 2.434 | 0.147 |
| Macro Area (sqmm) | 0.626 | 1.349 | 0.464 | 1.099 | 0.000 | 1.587 | 0.162 |
| Total Area (sqmm) | 2.737 | 4.505 | 1.217 | 4.380 | 3.483 | 4.021 | 0.309 |
| Number of Cells | 133572 | 176425 | 53384 | 188068 | 169567 | 151244 | 8808 |
| Number of nets | 143266 | 192676 | 57398 | 201273 | 183783 | 160595 | 9861 |
| Timing Summary link (.tsumm) | ks.tsumm | pa.tsumm | vgt.tsumm | sc.tsumm | sc_b.tsumm | cp.tsumm | rbbm.tsumm |
| Area Summary link (.reflog) | ks.reflog | pa.reflog | vgt.reflog | sc.reflog | sc_b.reflog | cp.reflog | rbbm.reflog |

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# Orlando Function Test Status

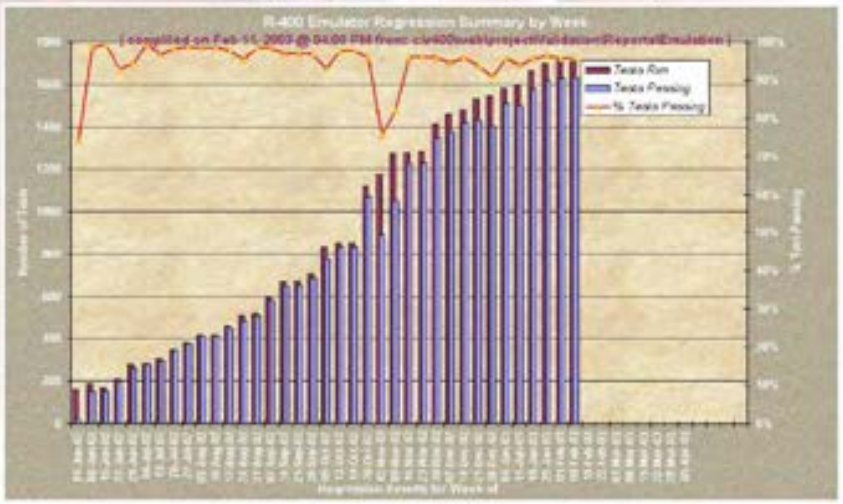





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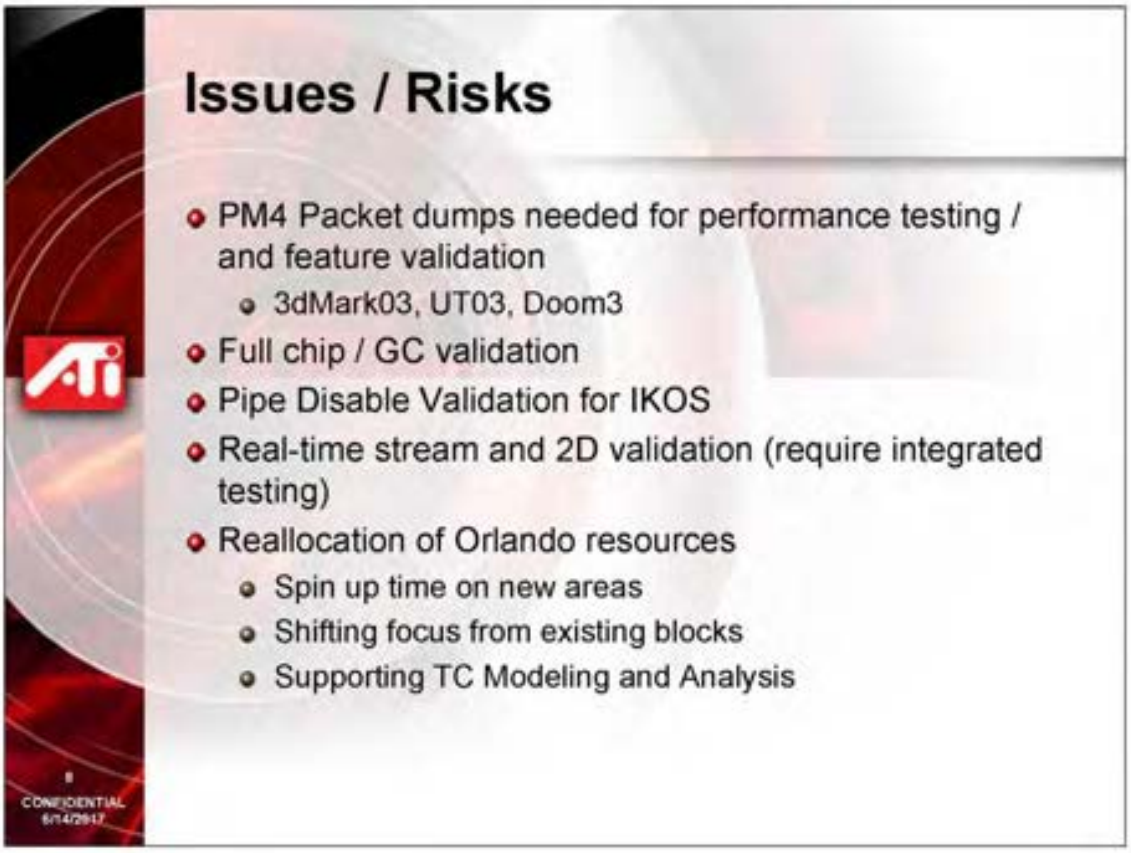
# Orlando Block Validation

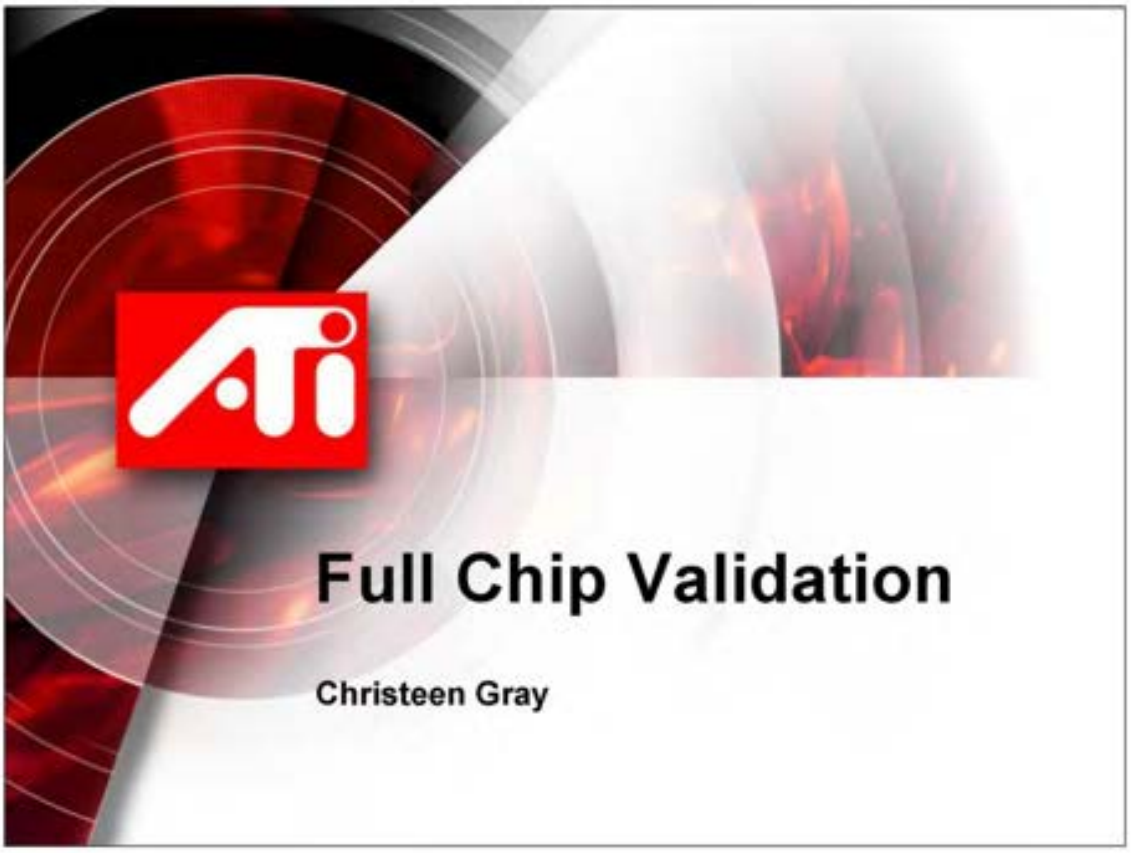
| Test Bench | Tests Run | Tests Pass | % Pass | Report Date |
|---|---|---|---|---|
| VGT | 2585 | 2585 | 100% | 02-08-03 |
| CP-RBBM | 914 | 909 | 99% | 02-10-03 |
| SC | 2584 | 2569 | 99% | 02-08-03 |
| PA | 2584 | 2584 | 100% | 02-08-03 |



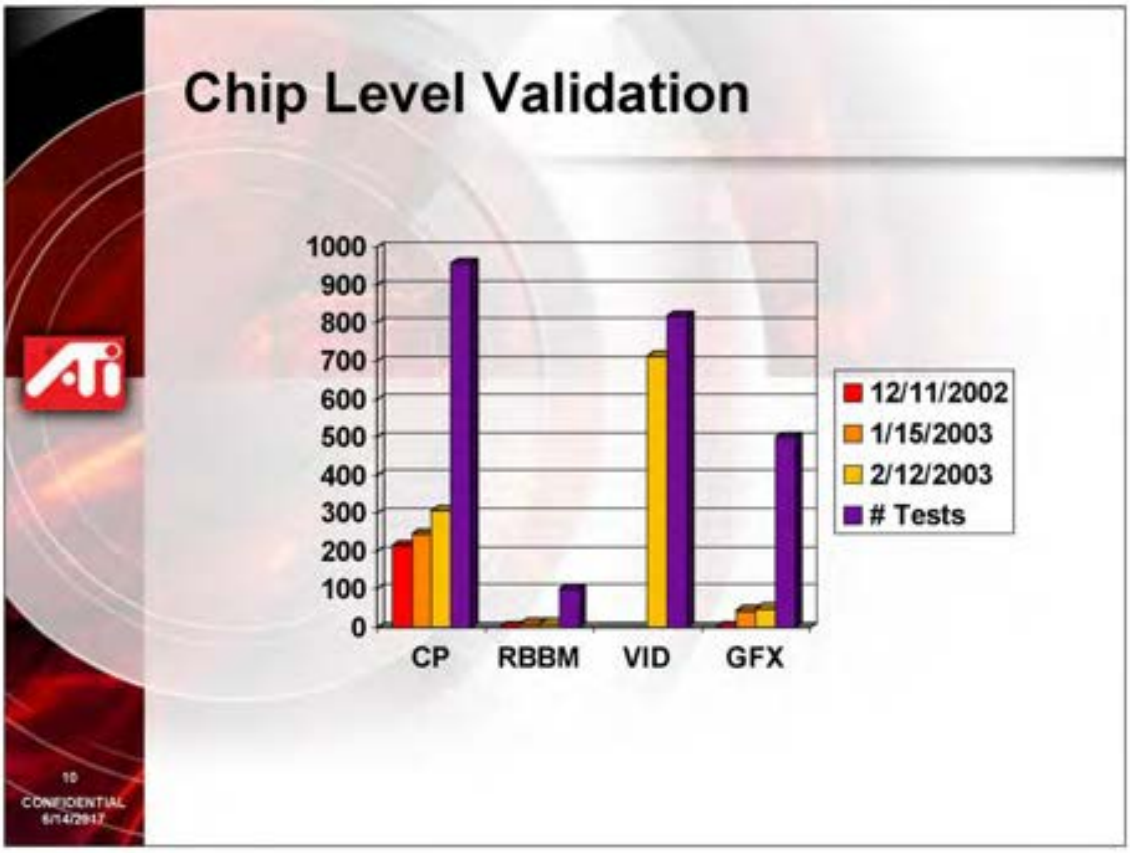



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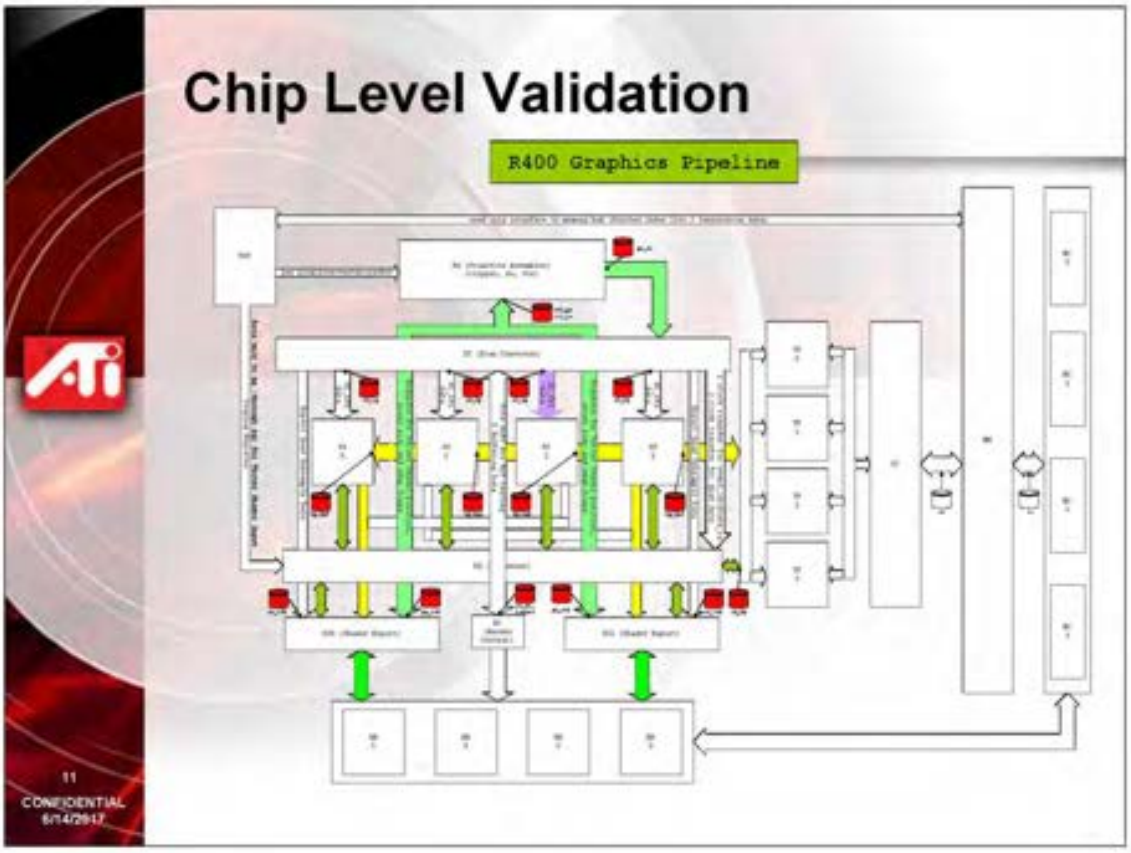

Issues / Risks
PM4 Packet dumps needed for performance testing / and feature validation
3dMark03, UT03, Doom3
Full chip / GC validation
Pipe Disable Validation for IKOS
Real-time stream and 2D validation (require integrated testing)
Reallocation of Orlando resources
Spin up time on new areas
Shifting focus from existing blocks
Supporting TC Modeling and Analysis
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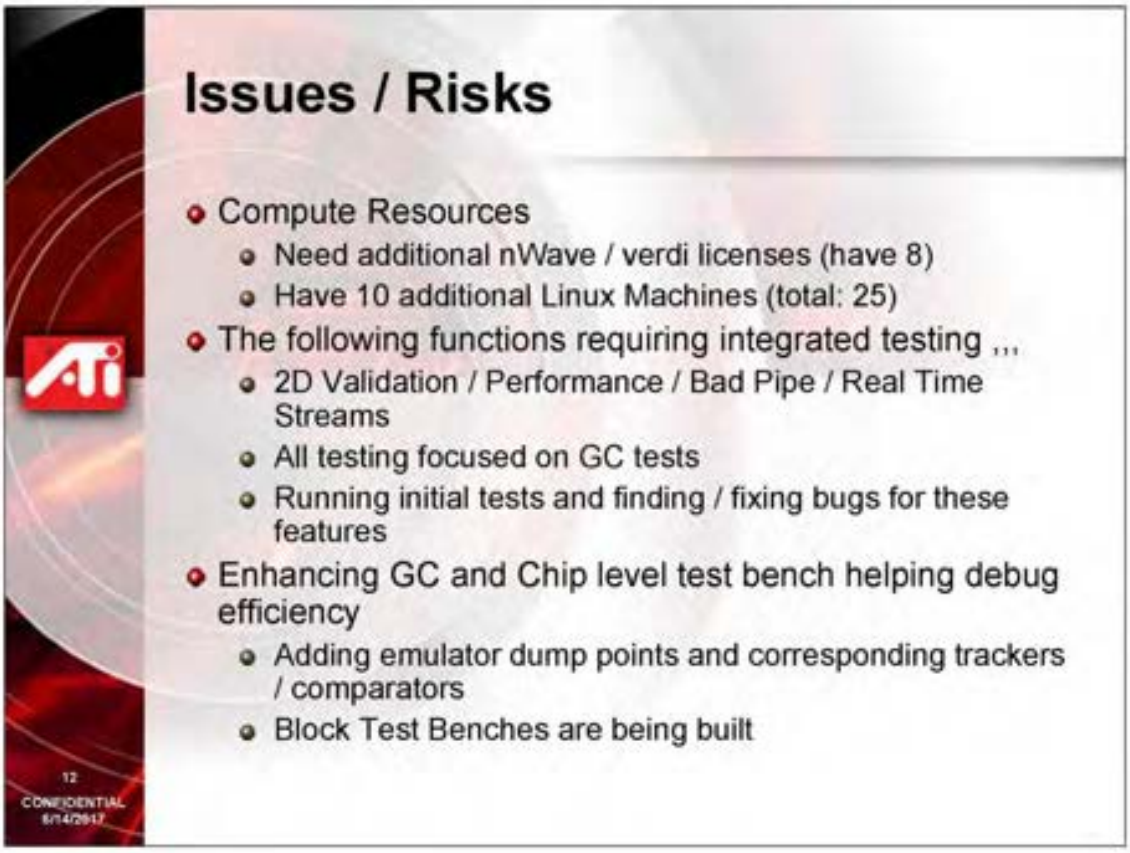

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Issues / Risks
Compute Resources
Need additional nWave / verdi licenses (have 8)
Have 10 additional Linux Machines (total: 25)
The following functions requiring integrated testing ,,,
2D Validation / Performance / Bad Pipe / Real Time Streams
All testing focused on GC tests
Running initial tests and finding / fixing bugs for these features
Enhancing GC and Chip level test bench helping debug efficiency
Adding emulator dump points and corresponding trackers / comparators
Block Test Benches are being built
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| Test Bench | Tests Run | Tests Pass | % Pass | Report Date |
|---|---|---|---|---|
| **VGT** | 2585 | 2585 | 100% | 02-08-03 |
| **CP-RBBM** | 914 | 909 | 99% | 02-10-03 |
| **SC** | 2584 | 2569 | 99% | 02-08-03 |
| **PA** | 2584 | 2584 | 100% | 02-08-03 |

Worst Timing

| BLOCK | KS | PA | VGT | SC | SC_B | CP |
|---|---|---|---|---|---|---|
| NetList 3 | N/A | -0.33 | -0.17 | -0.14 | -0.01 | -0.09 |
| Last Review | N/A | -0.04 | -0.06 | -0.17 | -0.01 | 0.00 |
| Netlist 4 | -0.10 | -0.03 | -0.06 | -0.07 | 0.00 | -0.08 |

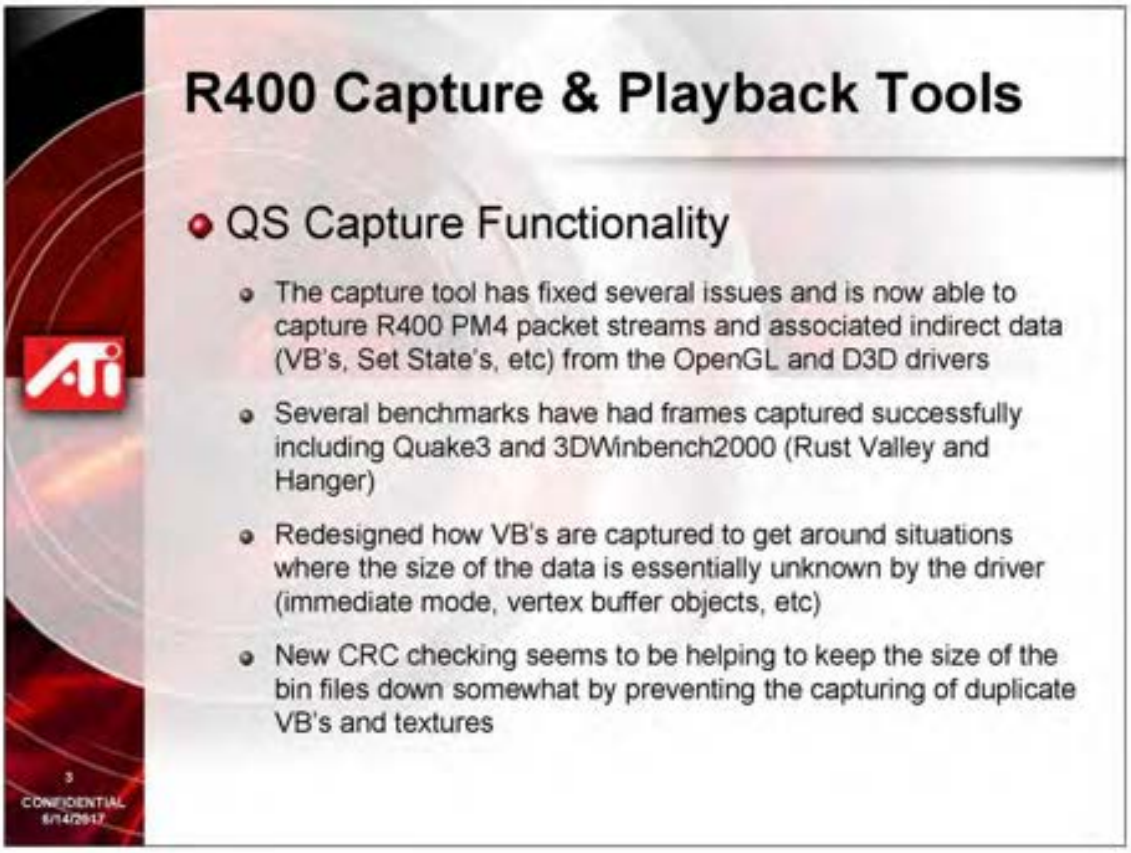
| Total Area (Sqmm) | | | | | | |
|---|---|---|---|---|---|---|
| BLOCK | KS | PA | VGT | SC | SC_B | CP |
| NetList 3 | N/A | 4.213 | 1.235 | 4.276 | 3.600 | 4.580 |
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| Netlist 4 | 2.737 | 4.505 | 1.217 | 4.380 | 3.483 | 4.021 |

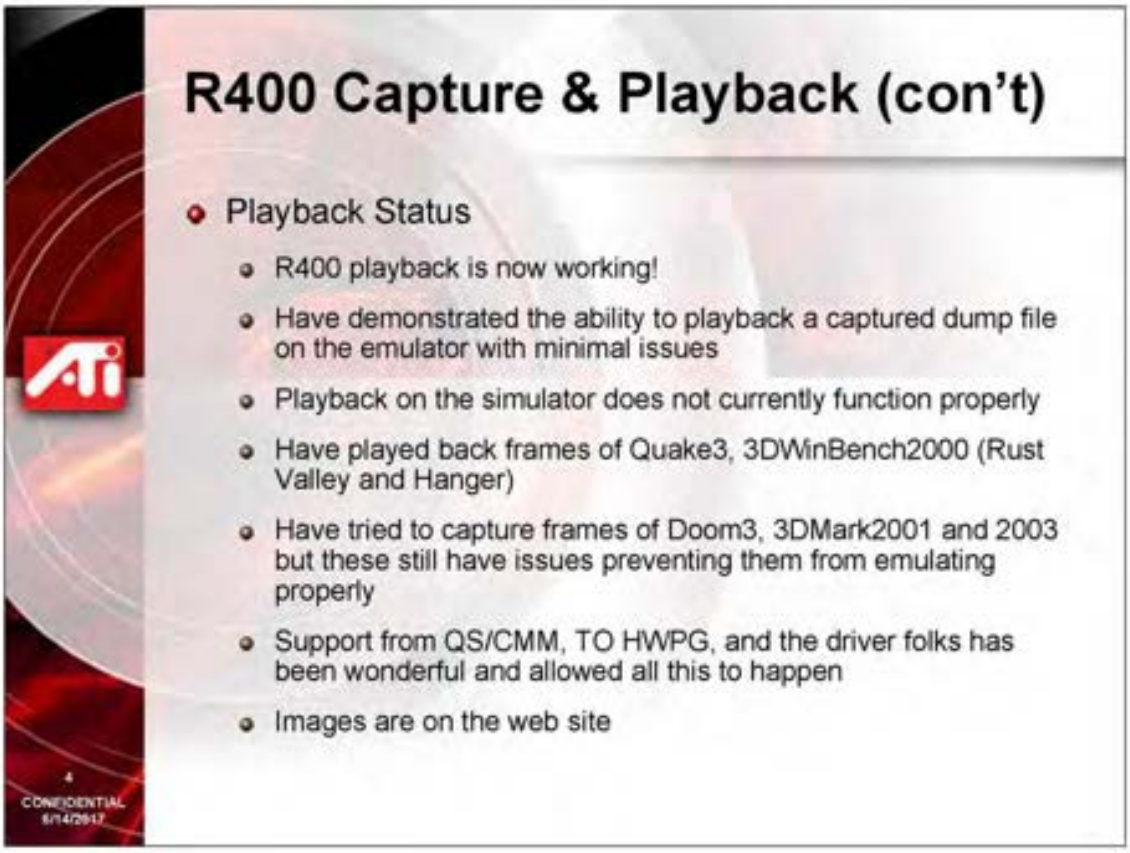
| BLOCK | KS | PA | VGT | SC | SC_B | CP | RBBM |
|---|---|---|---|---|---|---|---|
| Synth Date | Feb 7, 2003 | Jan 28, 2003 | Jan 28, 2003 | Jan 28, 2003 | Jan 28, 2003 | Feb 7, 2003 | Jan 29, 2003 |
| Code Version | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Worst Timing | -0.10 | -0.03 | -0.06 | -0.07 | 0 | -0.08 | -0.09 |
| # > 1.00 nS | 0** | 0** | 0 | 0** | 0 | 0 | 0 |
| # > 0.50 nS | 0** | 0** | 0 | 0** | 0 | 0 | 0 |
| # > 0.20 nS | 0** | 0** | 0 | 0** | 0 | 0 | 0 |
| # > 0.00 nS | 504** | 139** | 323 | 547** | 0 | 930 | 24 |
| Total Neg Slack | | 2.0 | 7.2 | 19.3 | 0.0 | 64.8 | 1.1 |
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| Area Summary link (.reflog) | ks.reflog | pa.reflog | vgt.reflog | sc.reflog | sc_b.reflog | cp.reflog | rbbm.reflog |




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Notes
R400 Performance Verification Web Site
Created a web site for the dissemination of R400 performance information and analysis
Includes images from playback, dump files, synthetic test results, information on tools, links to drivers and emulators, etc…
See http://www.ma.atitech.com/r400/perfver/index.htm
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R400 Capture & Playback Tools
QS Capture Functionality
The capture tool has fixed several issues and is now able to capture R400 PM4 packet streams and associated indirect data (VB's, Set State's, etc) from the OpenGL and D3D drivers
Several benchmarks have had frames captured successfully including Quake3 and 3DWinbench2000 (Rust Valley and Hanger)
Redesigned how VB's are captured to get around situations where the size of the data is essentially unknown by the driver (immediate mode, vertex buffer objects, etc)
New CRC checking seems to be helping to keep the size of the bin files down somewhat by preventing the capturing of duplicate VB's and textures
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R400 Capture & Playback (con't)
Playback Status
R400 playback is now working!
Have demonstrated the ability to playback a captured dump file on the emulator with minimal issues
Playback on the simulator does not currently function properly
Have played back frames of Quake3, 3DWinBench2000 (Rust Valley and Hanger)
Have tried to capture frames of Doom3, 3DMark2001 and 2003 but these still have issues preventing them from emulating properly
Support from QS/CMM, TO HWPG, and the driver folks has been wonderful and allowed all this to happen
Images are on the web site
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# R400 Capture & Playback (con't)

- Quake3 four.dm_68 (frame 40) emulated



# R400 Capture & Playback (con't)

- Quake3 four.dm_68 (frame 40) playback

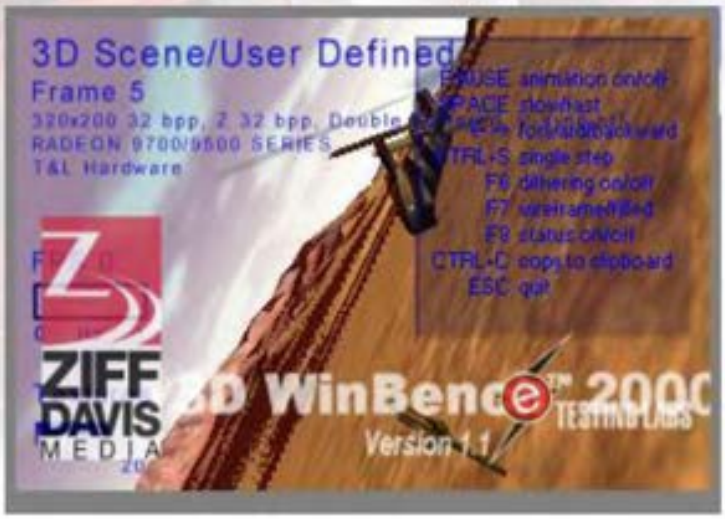



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# R400 Capture & Playback (con't)

- 3DWinbench2000 Rust Valley emulated



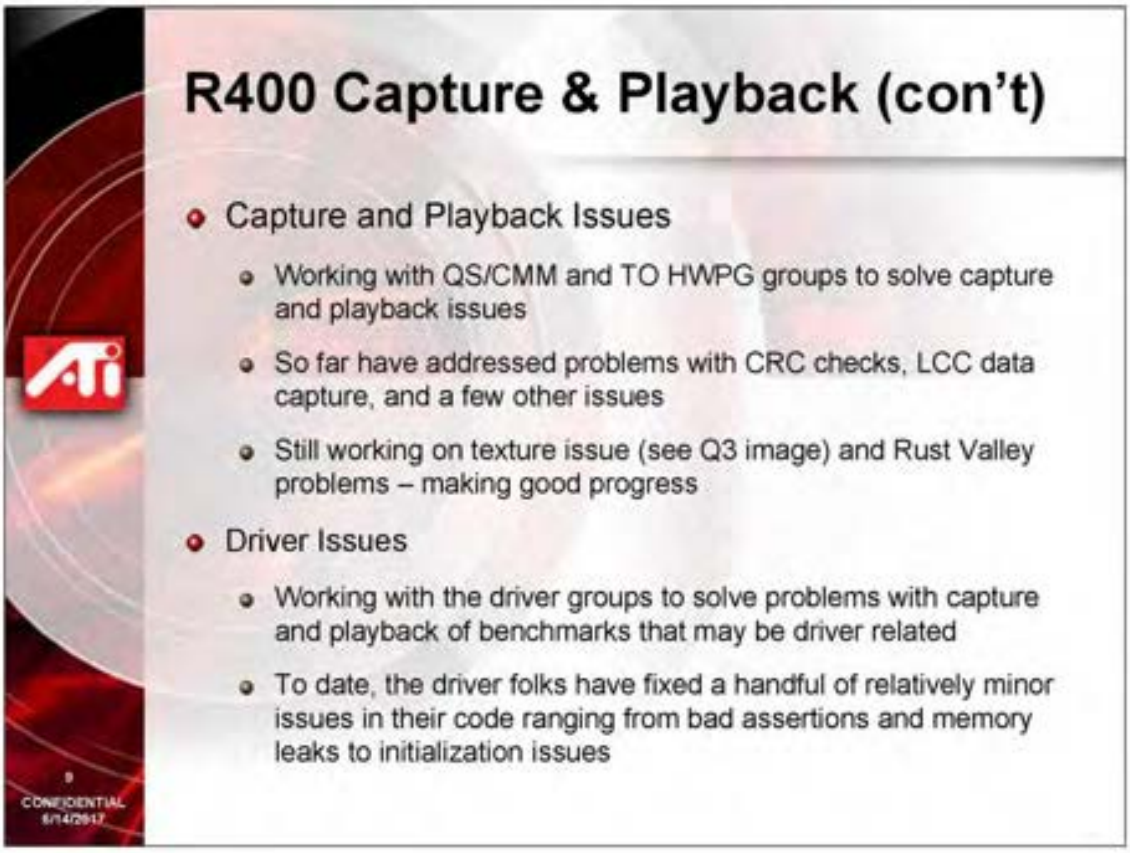



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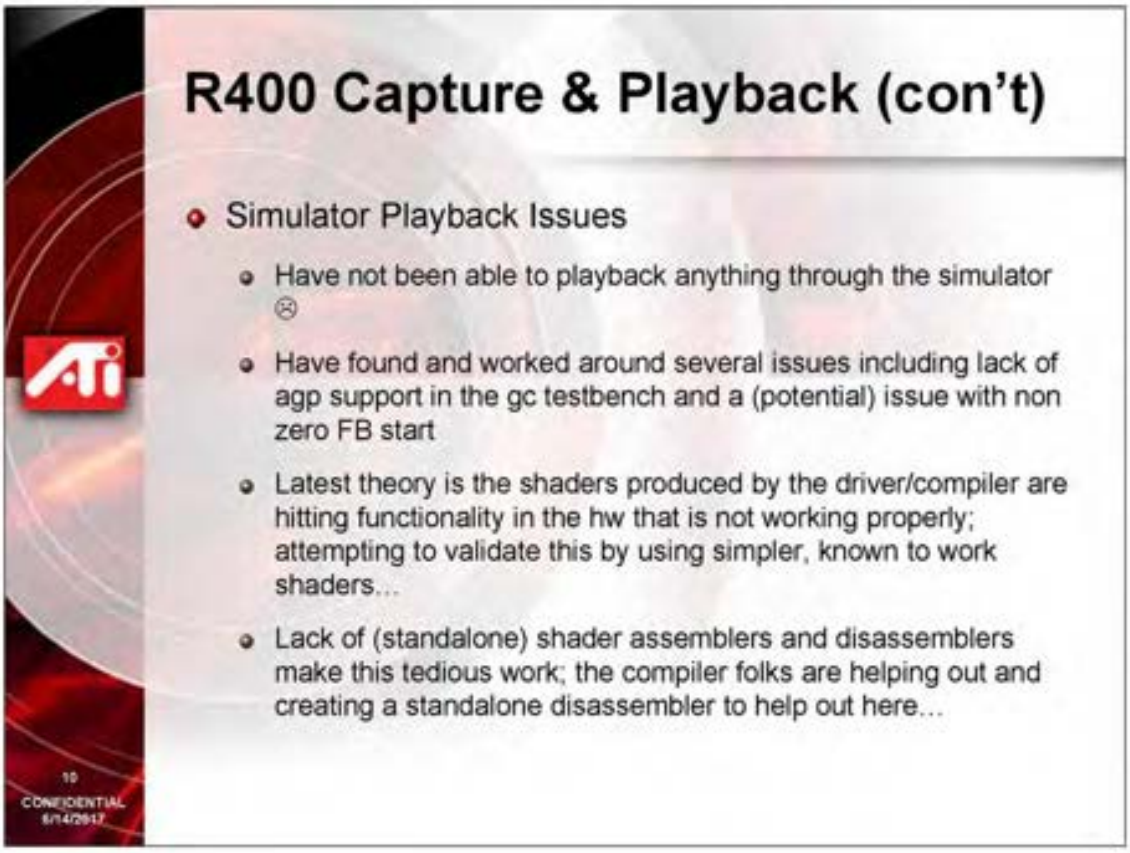
# R400 Capture & Playback (con't)

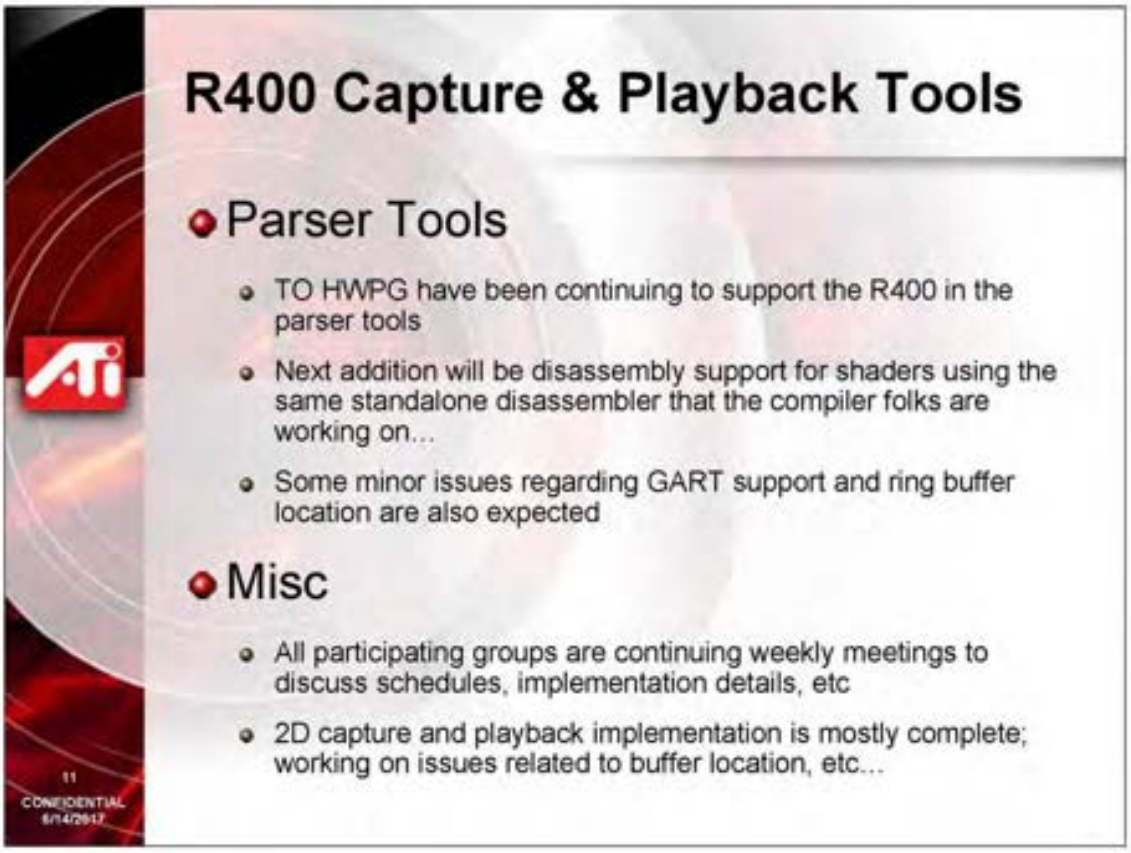
- 3DWinbench2000 Rust Valley playback

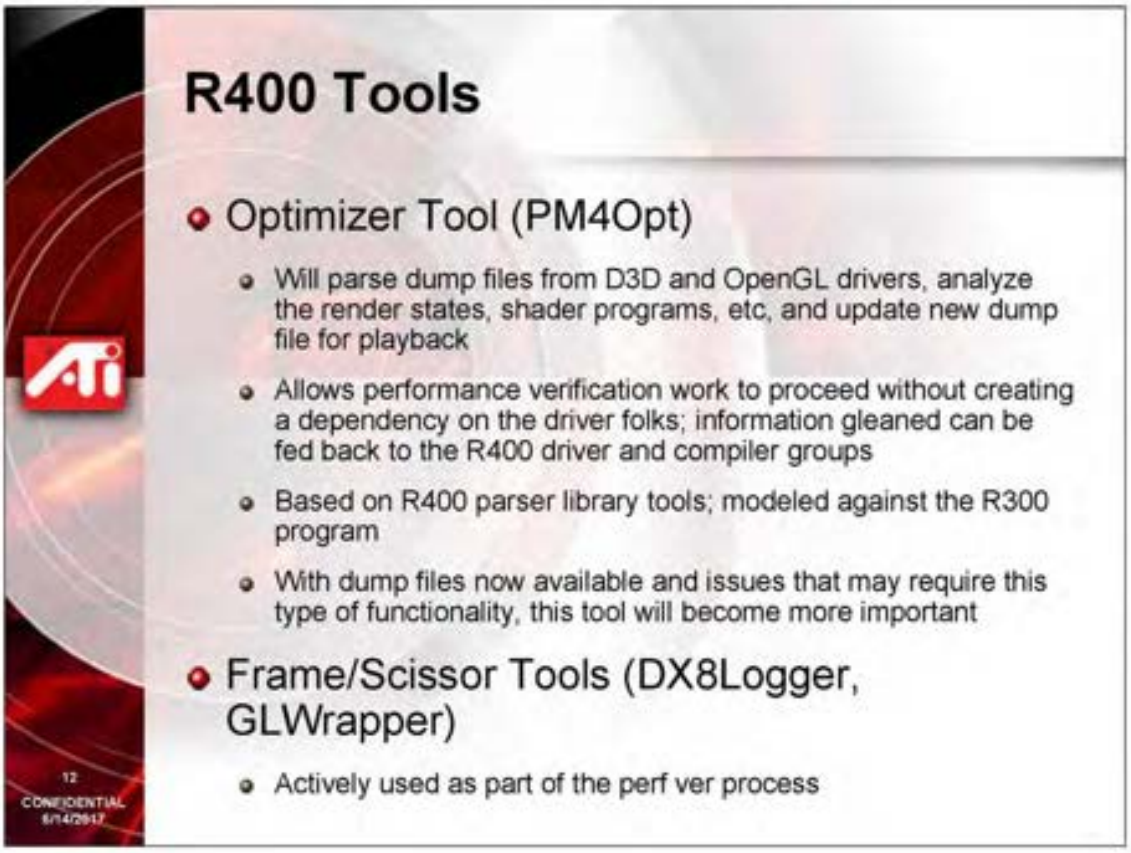


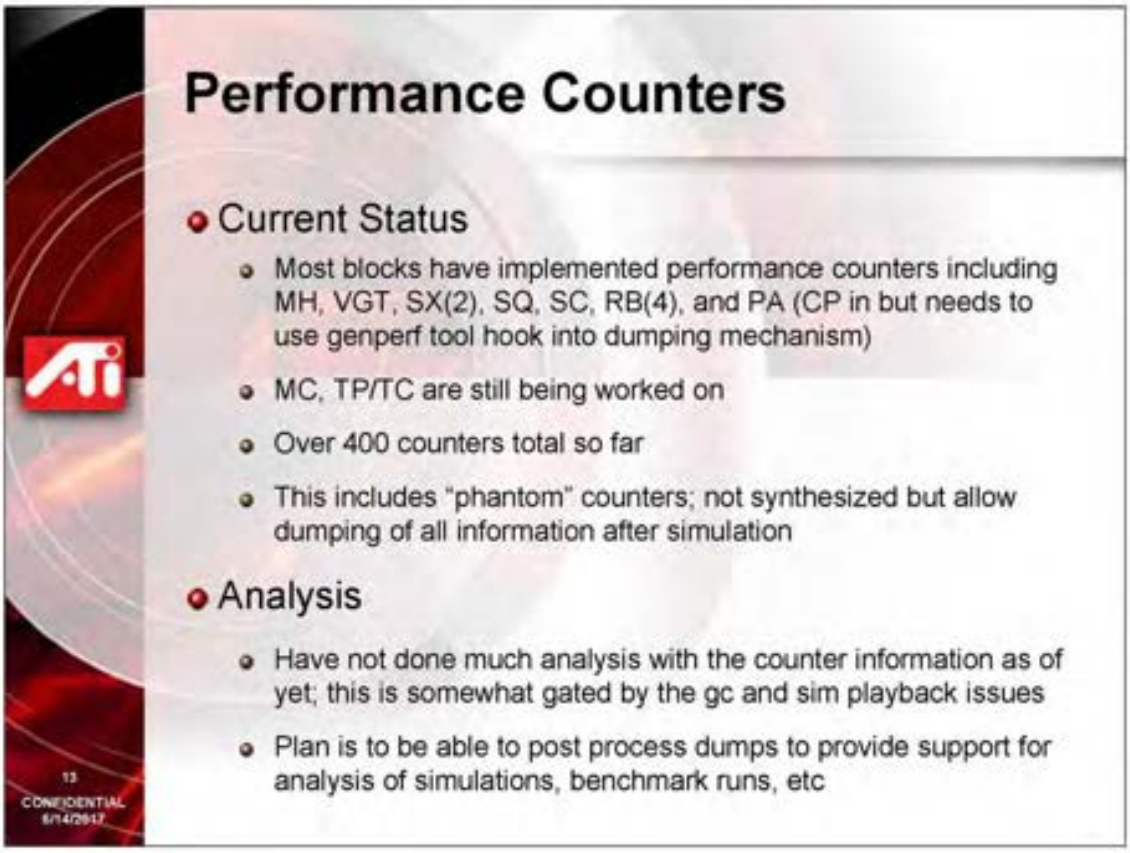



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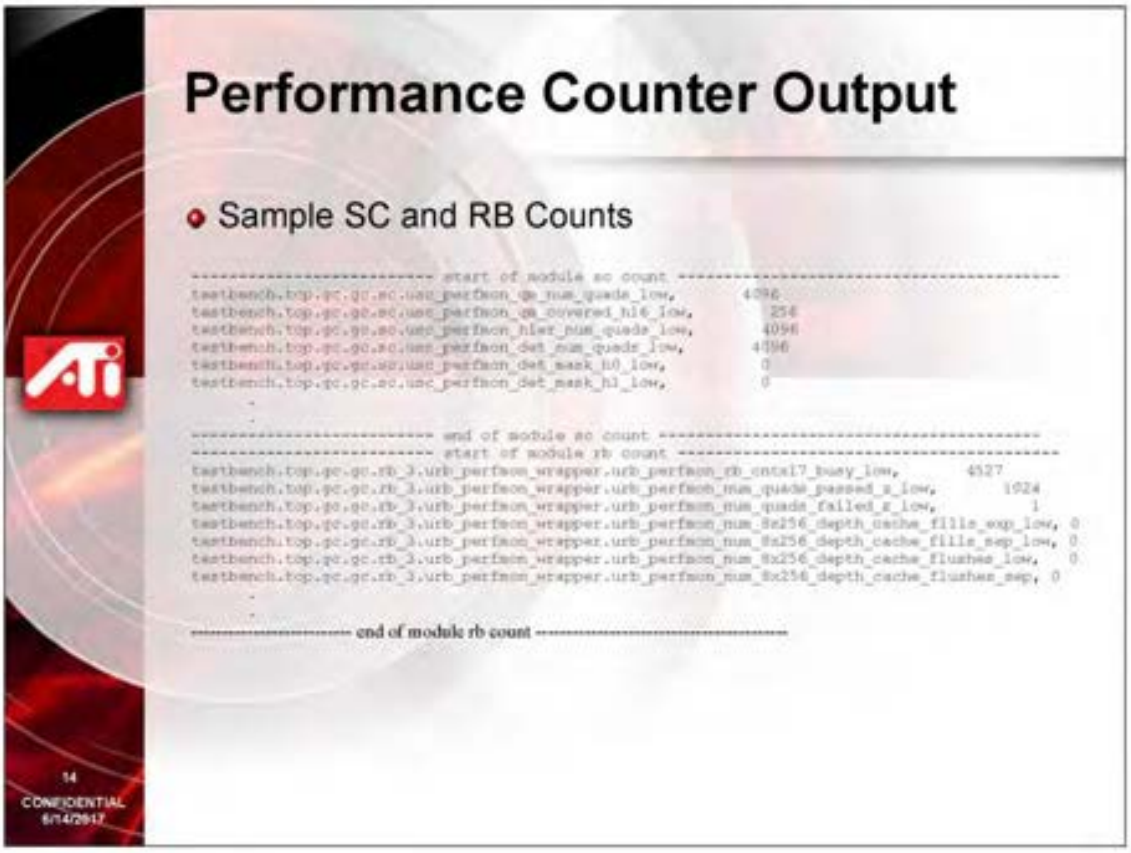

R400 Capture & Playback (con't)
Simulator Playback Issues
Have not been able to playback anything through the simulator ☹
Have found and worked around several issues including lack of agp support in the gc testbench and a (potential) issue with non zero FB start
Latest theory is the shaders produced by the driver/compiler are hitting functionality in the hw that is not working properly; attempting to validate this by using simpler, known to work shaders…
Lack of (standalone) shader assemblers and disassemblers make this tedious work; the compiler folks are helping out and creating a standalone disassembler to help out here…
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R400 Capture & Playback Tools
Parser Tools
TO HWPG have been continuing to support the R400 in the parser tools
Next addition will be disassembly support for shaders using the same standalone disassembler that the compiler folks are working on…
Some minor issues regarding GART support and ring buffer location are also expected
Misc
All participating groups are continuing weekly meetings to discuss schedules, implementation details, etc
2D capture and playback implementation is mostly complete; working on issues related to buffer location, etc…
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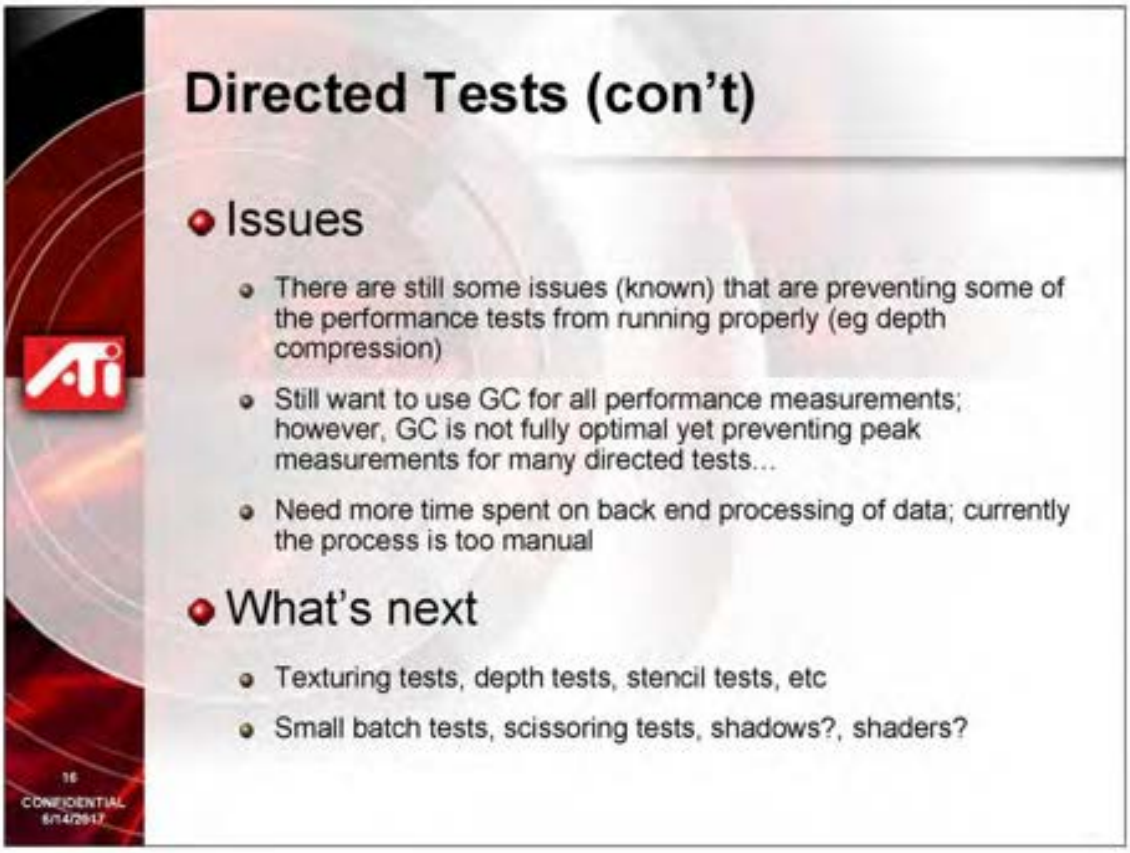

R400 Tools
Optimizer Tool (PM4Opt)
Will parse dump files from D3D and OpenGL drivers, analyze the render states, shader programs, etc, and update new dump file for playback
Allows performance verification work to proceed without creating a dependency on the driver folks; information gleaned can be fed back to the R400 driver and compiler groups
Based on R400 parser library tools; modeled against the R300 program
With dump files now available and issues that may require this type of functionality, this tool will become more important
Frame/Scissor Tools (DX8Logger, GLWrapper)
Actively used as part of the perf ver process
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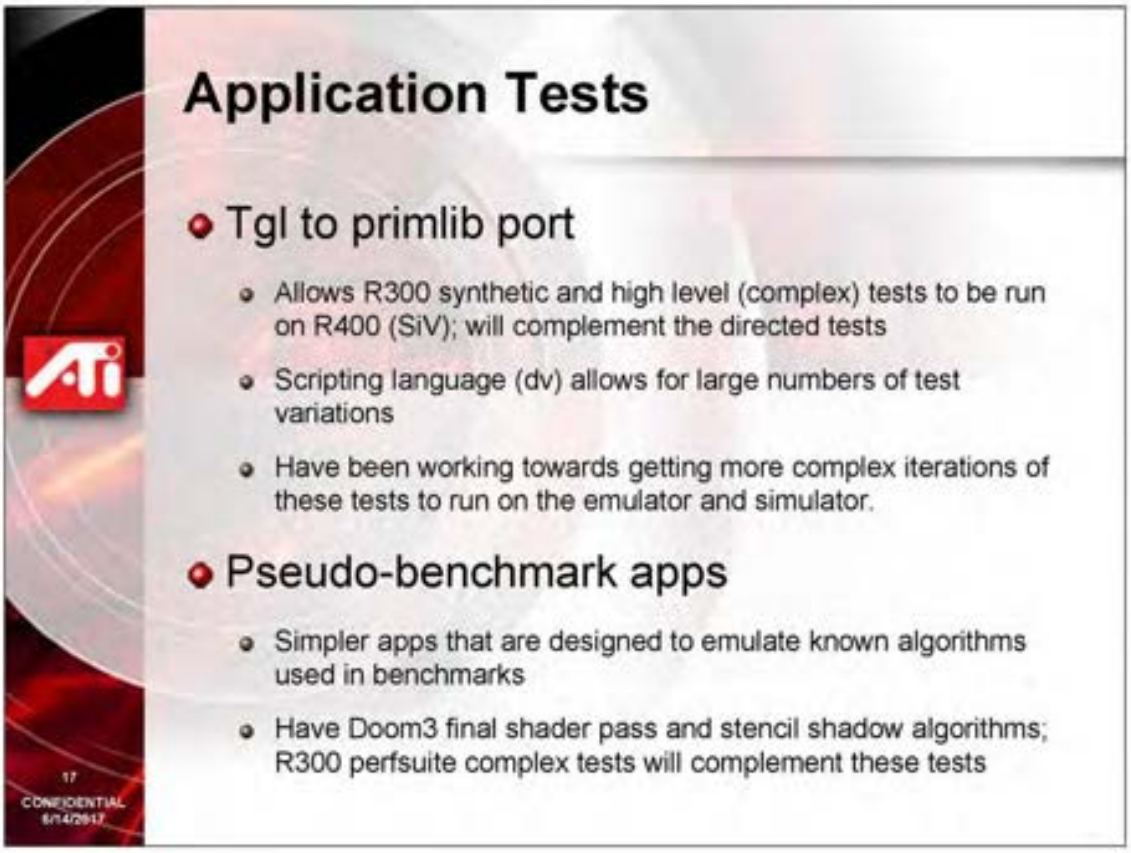



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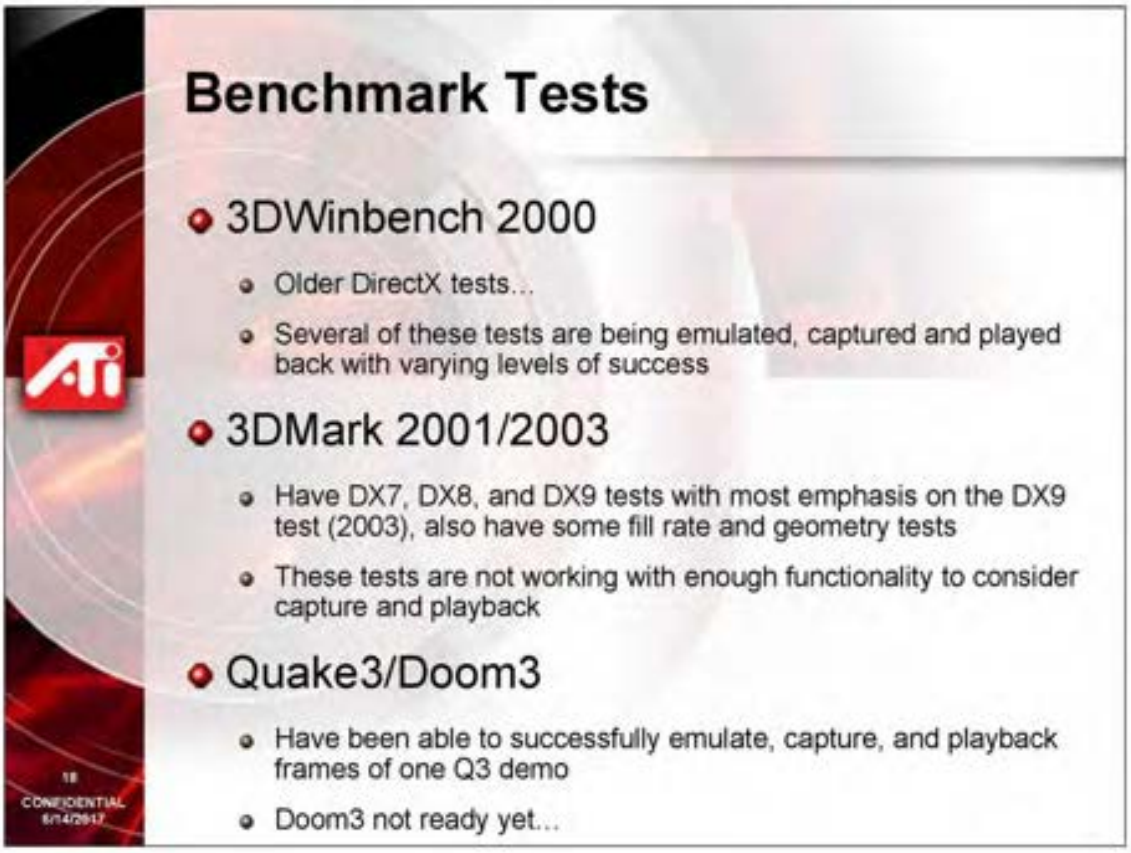

Performance Counter Output
Sample SC and RB Counts
---------- start of module sc count ----------
testbench.top.gc.gc.sc.usc_perfmon_qs_num_quads_low, 4096
testbench.top.gc.gc.sc.usc_perfmon_qs_covered_hi6_low, 254
testbench.top.gc.gc.sc.usc_perfmon_hier_num_quads_low, 4096
testbench.top.gc.gc.sc.usc_perfmon_det_num_quads_low, 4096
testbench.top.gc.gc.sc.usc_perfmon_det_mask_h0_low, 0
testbench.top.gc.gc.sc.usc_perfmon_det_mask_hl_low, 0
---------- end of module sc count ----------
---------- start of module rb count ----------
testbench.top.gc.gc.rb_3.urb_perfmon_wrapper.urb_perfmon_rb_cntsl7_busy_low, 4527
testbench.top.gc.gc.rb_3.urb_perfmon_wrapper.urb_perfmon_num_quads_passed_z_low, 1024
testbench.top.gc.gc.rb_3.urb_perfmon_wrapper.urb_perfmon_num_quads_failed_z_low, 1
testbench.top.gc.gc.rb_3.urb_perfmon_wrapper.urb_perfmon_num_8x256_depth_cache_fills_exp_low, 0
testbench.top.gc.gc.rb_3.urb_perfmon_wrapper.urb_perfmon_num_8x256_depth_cache_fills_sep_low, 0
testbench.top.gc.gc.rb_3.urb_perfmon_wrapper.urb_perfmon_num_8x256_depth_cache_flushes_low, 0
testbench.top.gc.gc.rb_3.urb_perfmon_wrapper.urb_perfmon_num_8x256_depth_cache_flushes_sep, 0
---------- end of module rb count ----------
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Directed Tests
Gathering Data
Have been primarily focusing on the capture and playback functionality and therefore not running too many directed tests
Started running some compressed depth tests; the functionality is not quite there yet..
Have spec'ed out several new directed tests to run focused on stressing the various caches in the RB and TC…
Analysis
Color fills still appear to be achieving peak goal of 8 pix/clk
Blends are currently not hitting the peak numbers (~6 pix/clk) but have improved in the last few weeks by approx 10%; this is still under investigation
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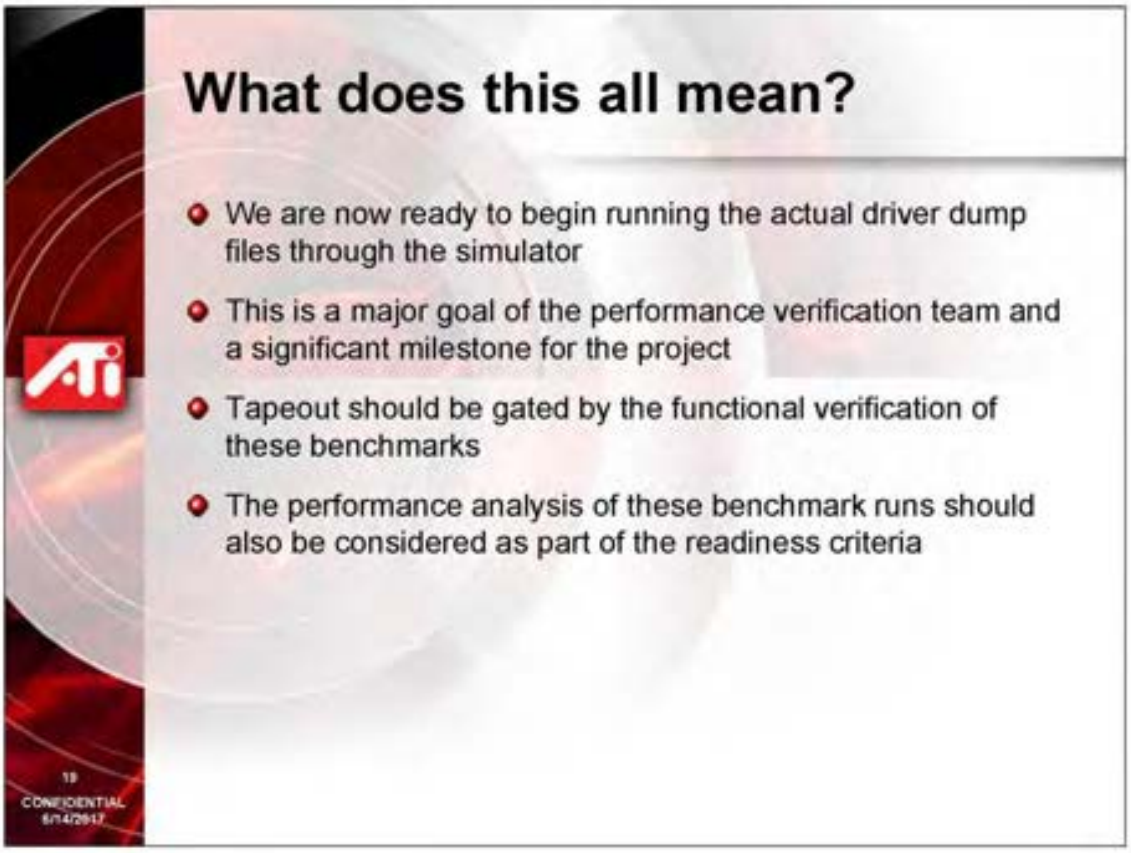

Directed Tests (con't)
Issues
There are still some issues (known) that are preventing some of the performance tests from running properly (eg depth compression)
Still want to use GC for all performance measurements; however, GC is not fully optimal yet preventing peak measurements for many directed tests…
Need more time spent on back end processing of data; currently the process is too manual
What's next
Texturing tests, depth tests, stencil tests, etc
Small batch tests, scissoring tests, shadows?, shaders?
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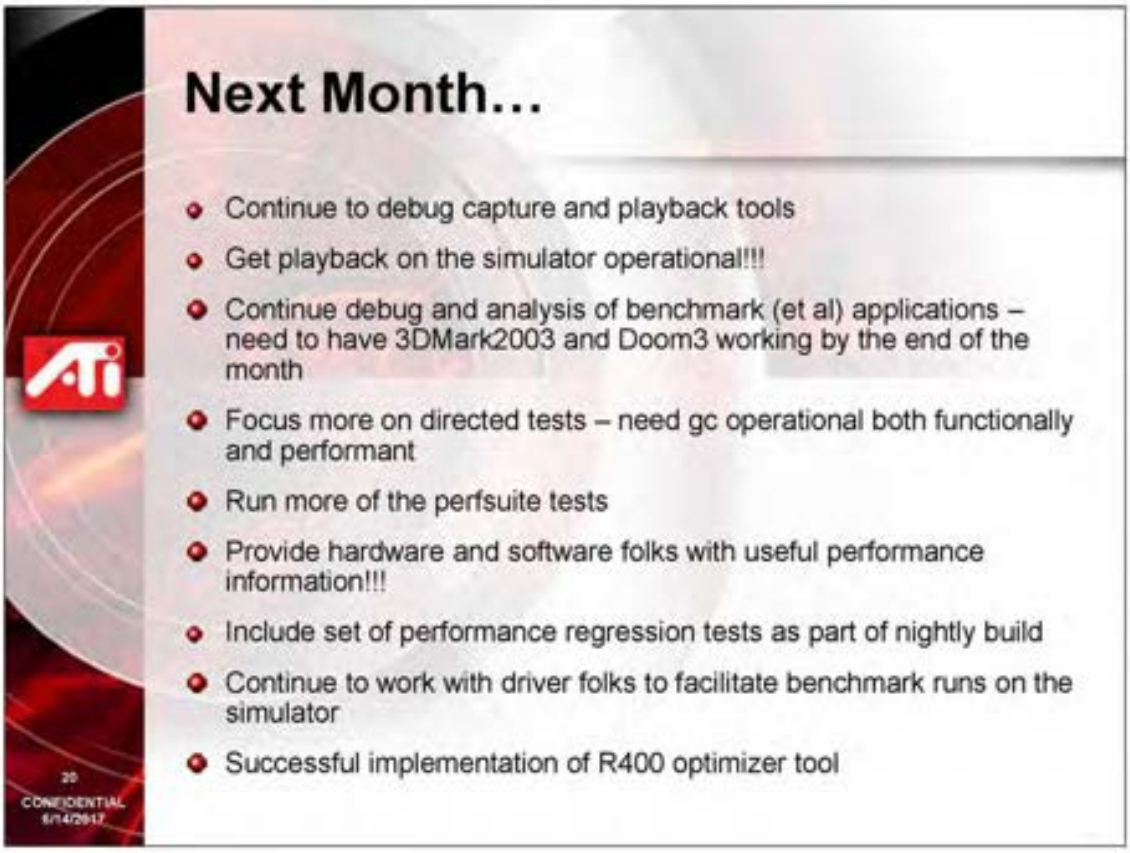



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What does this all mean?
We are now ready to begin running the actual driver dump files through the simulator
This is a major goal of the performance verification team and a significant milestone for the project
Tapeout should be gated by the functional verification of these benchmarks
The performance analysis of these benchmark runs should also be considered as part of the readiness criteria
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Next Month…
Continue to debug capture and playback tools
Get playback on the simulator operational!!!
Continue debug and analysis of benchmark (et al) applications – need to have 3DMark2003 and Doom3 working by the end of the month
Focus more on directed tests – need gc operational both functionally and performant
Run more of the perfsuite tests
Provide hardware and software folks with useful performance information!!!
Include set of performance regression tests as part of nightly build
Continue to work with driver folks to facilitate benchmark runs on the simulator
Successful implementation of R400 optimizer tool
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# Directed Tests

| Test | Planned | Written | % Written | Analyzed | % Analyzed |
|---|---|---|---|---|---|
| pv_triangle | 28 | 21 | 75% | .5 | 0% |
| pv_texture | 27 | 27 | 100% | 0 | 0% |
| pv_texture_multi | 12 | 4 | 33% | 0 | 0% |
| pv_scissor | 3 | 3 | 100% | 0 | 0% |
| pv_fog | 8 | 4 | 50% | 0 | 0% |
| pv_line | 8 | 4 | 50% | 0 | 0% |
| pv_point | 8 | 1 | 12% | 0 | 0% |
| pv_rb | 19 | 19 | 100% | 0 | 0% |
| pv_tcache | 12? | 0 | 0% | 0 | 0% |
| pv_hiz_sten | 10? | 0 | 0% | 0 | 0% |
| pv_shader | 12? | 0 | 0% | 0 | 0% |
| miscellaneous | 20? | 0 | 0% | 0 | 0% |
| Total | 167 | 83 | 50% | .5 | 0% |

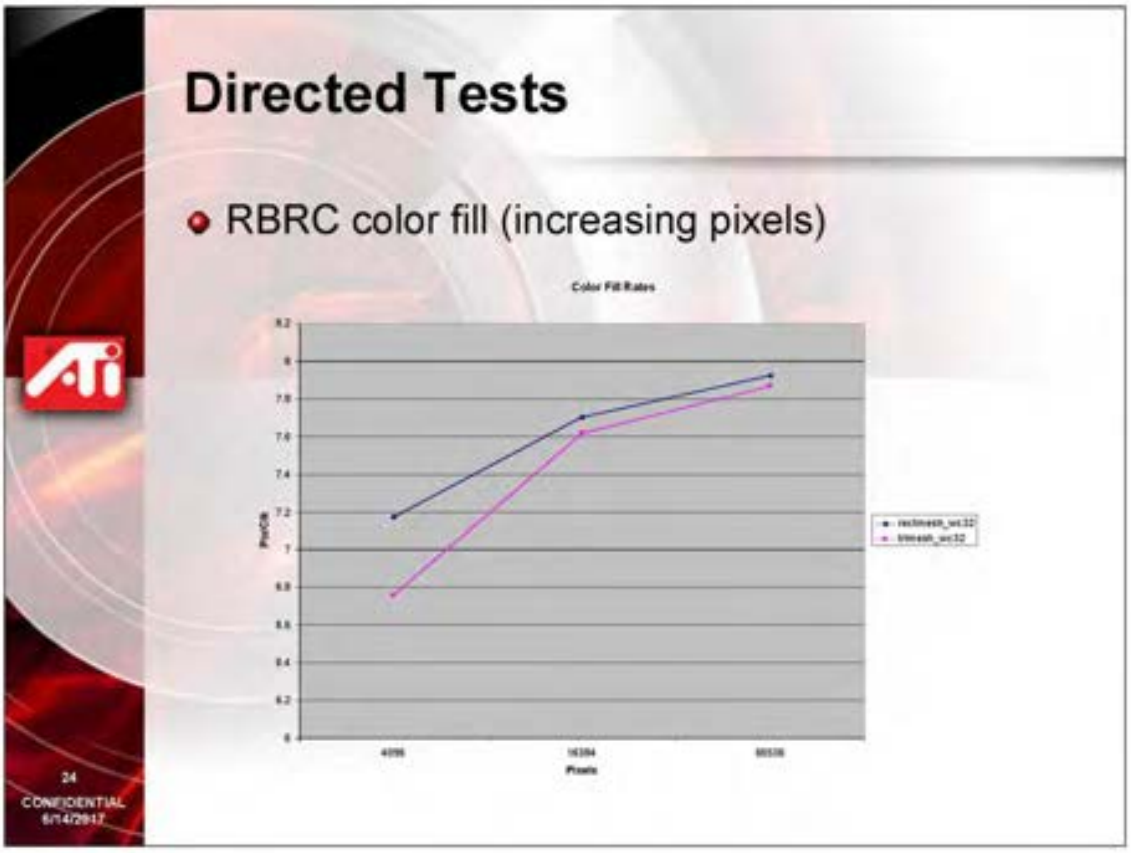
# Directed Tests

- Sample Data (RBRC color fills)

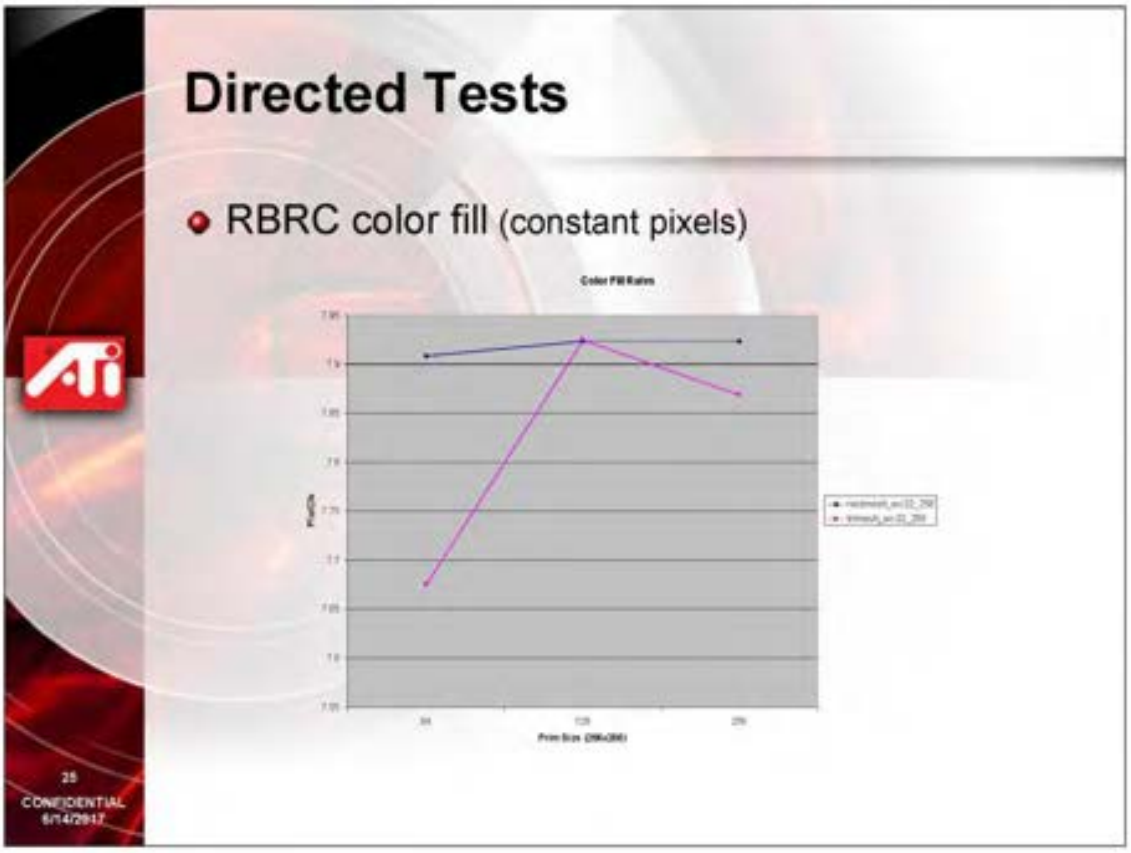
R400 Fill Rate Tests
Updated 1/15/2003

RBRC

| Test | Size | Grid (nxn) | Pixels | Clks | Pix/Clk | Pix/Clk (noflush) | R400 (Exp) | % R400 Expected | R300 (Sim) | % R300 Simulated |
|---|---|---|---|---|---|---|---|---|---|---|
| rectmesh_wc32 | 64 | 1 | 4096 | 827 | 4.952842 | 7.17338 | 8 | 89.67% | | |
| rectmesh_wc32 | 64 | 4 | 65536 | 8543 | 7.67131 | 7.90829 | 8 | 98.85% | | |
| rectmesh_wc32 | 128 | 1 | 16384 | 2383 | 6.875367 | 7.702868 | 8 | 96.29% | | |
| rectmesh_wc32 | 128 | 2 | 65536 | 8527 | 7.685704 | 7.923588 | 8 | 99.04% | | |
| rectmesh_wc32 | 256 | 1 | 65536 | 8527 | 7.685704 | 7.923588 | 8 | 99.04% | 7.871 | 100.66% |
| | | | | | | | | | | |
| trimesh_wc32 | 64 | 1 | 4096 | 862 | 4.75174 | 6.759076 | 8 | 84.49% | | |
| trimesh_wc32 | 64 | 4 | 65536 | 8795 | 7.451507 | 7.674903 | 8 | 95.94% | | |
| trimesh_wc32 | 128 | 1 | 16384 | 2407 | 6.806813 | 7.616922 | 8 | 95.21% | | |
| trimesh_wc32 | 128 | 2 | 65536 | 8526 | 7.686606 | 7.924547 | 8 | 99.06% | | |
| trimesh_wc32 | 256 | 1 | 65536 | 8585 | 7.63378 | 7.868412 | 8 | 98.36% | | |




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# Directed Tests

- Sample Data (RBRC blends)

R400 Fill Rate Tests
Updated 1/15/2003

| Test | Size | Grid (nxn) | Pixels | RBRC Clks | RBRC Pix/Clk | RBRC Pix/Clk (noflush) | R400 (Exp) | % R400 (Exp) | R300 (Sim) | % R300 (Sim) |
|---|---|---|---|---|---|---|---|---|---|---|
| rectmesh_rwc32 | 128 | 1 | 16384 | 2704 | 6.0591716 | 6.69281 | 8 | 75.74% | | |
| rectmesh_rwc32 | 128 | 2 | 65536 | 11656 | 5.622512 | 5.748772 | 8 | 70.28% | | |
| rectmesh_rwc32 | 256 | 1 | 65536 | 11272 | 5.8140525 | 5.949165 | 8 | 72.68% | 7.0981 | 81.91% |
| trimesh_rwc32 | 128 | 1 | 16384 | 3095 | 5.2936995 | 5.771046 | 8 | 66.17% | | |
| trimesh_rwc32 | 128 | 2 | 65536 | 11909 | 5.5030649 | 5.623959 | 8 | 68.79% | | |
| trimesh_rwc32 | 256 | 1 | 65536 | 11571 | 5.6638147 | 5.791958 | 8 | 70.80% | | |