

ID	Unique_ID	Task Name	Acronym	Outline_Level	Release	Splitable	Resource_Names	Level_of_Approval	Start	Finish	% Work Complete	MCC_resp	Hyperlink	last_modif	Notes
1	2044	VERSION 2002 September 26th		1	Rel	No			3-Jan-00	3-Jan-00	0%			11-Oct-01	
2	1462	"CTRL + a" to display all the 3GPP fields		1		No			3-Jan-00	3-Jan-00	0%			11-Oct-01	
3	2058	Content of Rel4 and Rel5 frozen. Rel6 and after not frozen.		1	Rel	No			3-Jan-00	3-Jan-00	0%			11-Oct-01	
5	96			1		No			3-Jan-00	3-Jan-00	0%			11-Oct-01	
6	2	Evolutions of the transport in the UTRAN	ETRAN	1	NA	Yes	TSG RAN	TSG	17-Jul-00	29-Mar-02	100%	Carolyn	RAN Wis	17-Nov-00	To be deleted at TSG#18 if no input.
7	4	Evolutions of the transport in the CN	CNTRSP	1	NA	Yes	WG CN4		12-Mar-01	21-Dec-01	100%	Kimmo	not needed	20-Mar-01	To be deleted at TSG#18 if no input.
8	1216	Improvements of Radio Interface	RInImp	1	NA	Yes	TSG RAN	TSG	19-Jun-00	30-Jun-03	30%	Shinobu	RAN Wis	11-Oct-01	
9	1470	Improvement of inter-frequency and inter-system measurement	RInImp-IfISM	2	Rel6	No	WG RAN1	TSG	1-Jan-01	3-Dec-02	0%		RAN_Wis	21-Jun-02	RP-020389
10	24004	Base station classification	RInImp-BSCClass	2	Rel6	No	WG RAN4	TSG	14-Aug-00	4-Dec-02	85%			NA	
11	1476	FDD Base station classification	RInImp-BSCClass-FDD	3	Rel6	No	WG RAN4	TSG	14-Aug-00	4-Dec-02	85%		RAN_Wis	21-Jun-02	
12	1218	Improved usage of downlink resource in FDD for CCTrCHs of dedicated type	RInImp-CCTrCH	2	Rel6	No	WG RAN2	TSG	9-Oct-00	27-Dec-02	0%		RAN_Wis	8-Oct-01	Time line changed after decision in RAN#13
13	1507	Terminal Power Saving features	RInImp-TPS	2	Rel6	No	WG RAN2	TSG	19-Jun-00	30-Jun-03	0%		RAN_Wis	24-Jan-02	This is a building block without particular end date
14	2468	Multiple Input Multiple Output antennas (MIMO)	RInImp-MIMO	2	Rel6	No	WG RAN1	TSG	16-Mar-01	11-Mar-03	35%			21-Jun-02	Status report: RP-020429
15	24006	Improving Receiver Performance Requirements for the FDD UE	RInImp-UERecPerf	2	Rel6	No	WG RAN4	TSG	8-Mar-02	6-Dec-02	60%			21-Jun-02	
16	24003	FS for the viable deployment of UTRA in additional and diverse spectrum arrangements	RInImp-UMTSBands	2	Rel6	No	WG RAN4	TSG	21-Sep-01	4-Dec-02	70%	Cesar		21-Jun-02	
17	24005	FS on UE antenna efficiency test methods performance requirements (2)	RInImp-UEAnTM2	2	Rel6	No	WG RAN4	TSG	8-Mar-02	6-Sep-02	100%			30-May-02	The RInImp-UEAnTM FS was re-opened at TSG RAN#15 upon request from WG4
18	2471	FS on Fast Cell Selection (FCS) for HS-DSCH	RInImp-FCS	2	Rel6	No	WG RAN1	TSG	16-Mar-01	14-Mar-03	0%		RAN_SIs	21-Jun-02	RP-020446
19	1506	FS on Radio link performance enhancements	RInImp-Rlperf	2	Rel6	No	WG RAN1	TSG	14-Aug-00	13-Dec-02	31%		RAN_SIs	21-Jun-02	RP-020358

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20	24001	FS on UTRA WideBand Distribution Systems	RInImp-WDS	2	Rel6	No	WG RAN4	TSG	12-Mar-01	14-Mar-03	40%			21-Jun-02	
21	21000	FS on Improvement of inter-frequency and inter-system measurements for 1.28 Mcps TDD	RInImp-IfIsMLCR	2	Rel6	No	WG RAN1	TSG	14-Dec-01	14-Mar-03	20%		RAN_SIs	21-Jun-02	RP-020374
22	21003	FS for the analysis of OFDM for UTRAN enhancements	RInImp-FSOFDM	2	Rel6	No	WG RAN1	TSG	10-Jun-02	13-Jun-03	0%		RAN_SIs	16-Sep-02	
23	21004	FS on Uplink Enhancements for Dedicated Transport Channels	RInImp-FSUpDTrCh	2	Rel6	No	WG RAN1	TSG	6-Sep-02	13-Jun-03	0%		RAN_SIs	16-Sep-02	
24	21005	FS on Analysis on Higher Chip Rates for UTRA TDD evolutions	RInImp-FSVHCRTDD	2	Rel6	No	WG RAN1	TSG	6-Sep-02	13-Jun-03	0%		RAN_SIs	16-Sep-02	
25	9	RAN improvements	RANimp	1	NA	Yes	TSG RAN	TSG	14-Dec-01	30-Jun-03	19%	Hans	RAN Wis	21-Jun-02	
26	20999	Beamforming Enhancements	RANimp-BFE	2	Rel6	No	WG RAN1	TSG	14-Dec-01	7-Mar-03	40%		RP-011701	21-Jun-02	RP-020357
27	624	RAB support enhancement	RANimp-RABSE	2	Rel6	No	WG RAN2	TSG	16-Sep-02	30-Jun-03	0%		RAN Wis	28-Feb-02	This is a building block without particular end date
28	23005	Improvement of RRM across RNS and RNS/BSS	RRM1	2	Rel6	No	WG RAN3	TSG	25-Mar-02	13-Dec-02	30%		RAN Wis	21-Mar-02	
29	23006	FS on the evolution of the UTRAN architecture	RANimp-FSEvo	2	Rel6	No	WG RAN3	TSG	9-Sep-02	13-Jun-03	0%		RAN_SIs	16-Sep-02	
30	22001	FS for the Early Mobile Handling in UTRAN	RANimp-FSEarlyUE	2	Rel6	No	WG RAN2	TSG	9-Sep-02	13-Dec-02	0%		RAN_SIs	16-Sep-02	
31	1652	Emergency call enhancements	EMC1	1	Rel6	Yes	WG CN1	WG	3-Jan-00	28-Mar-03	16%	Per		25-Mar-02	
32	1653	For IP & PS based calls	EMC1-PS	2	Rel6	No	WG CN1	TSG	3-Jan-00	28-Mar-03	16%		NP-010137	24-Jan-02	5/11 Per: This BB is considered between 10-60% ready depending on how the requirements differ from basic call. What is the new target release,-Rel-6?
33	1314	Service Requirements for IP-based emergency calls	EMC1-PS	3		No	WG SA1		18-Sep-00	29-Jun-01	44%			30-Mar-01	
34	1315	SIP emergency calls and packet emergency calls signalling flows	EMC1-PS	3		No	WG CN1		17-Oct-00	28-Mar-03	25%			25-Mar-02	No new spec will be presented, will be covered in CN1 spec24.228....
35	1316	Stage 2 for emergency calls and packet emergency calls in general	EMC1-PS	3		No	WG SA2		2-Oct-00	6-Dec-02	27%			28-Feb-02	covered by TS 23.228

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36	1317	Distinction of emergency call types to different emergency services	EMC1-PS	3		No	WG CN1		9-Dec-02	28-Mar-03	0%			25-Mar-02	
37	1646	Stage 3 for emergency calls and packet emergency calls in general	EMC1-PS	3		No	WG CN1		14-Aug-00	28-Mar-03	0%		NP-000380	25-Mar-02	Potentially sub contracted to IETF...
38	2224	Conformance Test Aspects - Emergency call enhancements		3		No	WG T1		3-Jan-00	29-Sep-00	0%			15-Nov-00	
39	2225	Testing Stage 3 for emergency calls and packet emergency calls in general		3		No	WG T1		1-Mar-02	28-Nov-02	0%			10-Dec-01	This task required more supporting companies
40	1826	Terminal interfaces	TI	1	NA	Yes	WG T2		14-May-01	20-Mar-02	100%	Friedhelm	not needed	13-Mar-01	
41	32023	Location Services enhancements 2	LCS2	1	Rel6	No	WG SA2	TSG	28-Aug-00	30-Jun-03	18%		SP-020321	NA	
42	32024	Improvement on Le interface		2		No	WG SA2	TSG	21-Jun-02	19-Dec-02	0%			NA	
43	32001	Enhanced support for user privacy and subscriber data handling		2		No	WG SA2	TSG	4-Jun-01	20-Dec-02	7%			24-Jan-02	
44	32025	Enhanced inter-GMLC interface		2		No	WG SA2	TSG	24-Jun-02	10-Jan-03	0%			24-Jan-02	
45	32012	Support of the Presence Service Architecture		2		No	WG SA2	TSG	24-Jun-02	25-Oct-02	28%		S2-012405	26-Sep-02	
46	32026	New events for triggered location reports		2		No	WG SA2	TSG	21-Jun-02	20-Dec-02	0%			NA	
47	20001	UE positioning	LCS2-UEpos	2	Rel6	No	TSG RAN	TSG	28-Aug-00	30-Jun-03	17%			NA	
48	2457	UE positioning enhancements - other methods	LCS2-UEpos-enh	3		No	WG RAN2	TSG	28-Aug-00	30-Jun-03	11%		RAN_Wis	24-Jan-02	This is a building block without particular end date
49	22002	FS on Enhancements to OTDOA Positioning using advanced blanking methods	LCS2-UEpos-FSBlank	3		No	WG RAN2	TSG	1-Jul-02	31-Mar-03	40%		RAN_Sis	21-Jun-02	
50	2475	CLARIFY (Stage 3: 0%) - Open SMLC-SRNC Interface within the UTRAN to support UTRAN Rel4 positioning methods	LCS-Rel4Pos	2	Rel6	No	WG RAN2	TSG	15-Jan-01	12-Oct-01	62%		RAN_Wis	30-May-02	
51	2127	Stage 2		3		No	WG SA2	WG	15-Jan-01	12-Oct-01	59%		SP-000599	17-Nov-00	
52	1800	(U)SIM toolkit enhancements	USAT1	1	NA	Yes	WG T3		25-Sep-00	17-Sep-03	68%	MichaelS	not needed	1-Dec-00	
53	1802	UICC API	USAT1-API	2	NA	Yes	WG T3		20-Mar-02	17-Sep-03	25%			12-Mar-01	8/3/2001: test spec is based on R99 core spec, so deleted from Workplan
54	43001	Java API Test specification		3		No	WG T3		20-Mar-02	20-Sep-02	90%		TP-020029	4-Jun-02	
55	43003	Java API Test specification (TS 43.019 Rel-5)		3	Rel5	No	WG T3		30-May-02	17-Sep-03	0%		TP-020122	26-Sep-02	

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56	2031	C SIM API	USAT1-API-MULTOS	2	Rel6	No	WG T3	TSG	25-Sep-00	27-Sep-02	97%		TP-000155	26-Sep-02	
57	2032	Specification	USAT1-API-MULTOS	3		No	WG T3	TSG	25-Sep-00	27-Sep-02	100%		TP-000155	26-Sep-02	30/12/2000: completion amount updated
58	2033	Test specification	USAT1-API-MULTOS	3		No	WG T3	TSG	1-Jan-01	28-Sep-01	90%		TP-000155	26-Sep-02	
59	1571	Security enhancements	SEC1	1	NA	No	WG SA3	TSG	21-Feb-00	6-Dec-02	31%	Maurice	SP-000421	10-Dec-01	Added BB UE authentication and rapporteur added.
60	2026	Enhanced HE control of security (including positive authentication reporting)		2	Rel6	No	WG SA3		3-Jan-01	6-Dec-02	0%		SP-000421	10-Dec-01	Added by P-000575 without any dates. 18/10/00: Change of WI title, added hyperlink rapporteur new end date 03/01. New end date and correct Release to be decided S3#18
61	2027	Stage 2		3		No	WG SA3		3-Jan-01	14-Jun-02	0%			12-Mar-01	New end date and correct Release to be decided S3#18
62	2028	FS on Network impacts		3		No	WG CN4		23-Sep-02	6-Dec-02	0%			26-Sep-02	02/08/2002 CN4: Waiting for input from SA3!
63	33003	Rel-6 MAP application layer security	SEC1-MAPAL	2	Rel6	Yes	WG SA3	TSG	21-Feb-00	6-Dec-02	55%			10-Dec-01	TO DELETE: REPLACED BY NDS-MAP and NDS-IP. TO BE DELETED, but replacement NDS-MAP was missing
64	33004	Main aspects	SEC1-MAPAL	3		No	WG SA3	WG	21-Feb-00	7-Jun-02	50%			10-Dec-01	??
65	33005	STAGE 3 for KEY distribution	SEC1-MAPAL	3		No	WG CN4	TSG	23-Sep-02	6-Dec-02	100%			26-Sep-02	17 May Requirements under analysis in CN4. End date not yet determined....
66	1861	Miscellaneous UE Conformance Testing Activities	MISTST1	1	NA	Yes	WG T1		2-Apr-01	3-Mar-03	44%	Lidia	not needed	1-Apr-00	

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67	1862	Optimisation of Test Time, RF Aspects (FDD)	MISTST1-OpFDD	2	Rel Indep	No	WG T1	TSG	24-Sep-01	3-Mar-03	70%		TP-020137	26-Sep-02	It is believed that the current R99 test spec. can be optimised for faster overall test times
68	1863	Optimisation of Test Time, RF Aspects (TDD)	MISTST1-OpTDD	2	Rel Indep	No	WG T1	TSG	24-Sep-01	3-Mar-03	70%		TP-020137	26-Sep-02	It is believed that the current R99 test spec. can be optimised for faster overall test times
69	1907	Extensions to R99 Test cases	MISTST1-Ext	2		No	WG T1	TSG	2-Apr-01	2-Dec-02	45%		TP-020137	26-Sep-02	Further test coverage of the R99 specification to cover supplementary services
70	2564	Extension to R99 Test cases - TTCN	MISTST1-Ext	2		No	WG T1	TSG	28-Jun-02	3-Mar-03	0%		TP-020137	26-Sep-02	
71	2565	Creation of R99 TCs for TDD - prose	MISTST1-TDD	2		No	WG T1	TSG	1-Oct-01	27-Sep-02	40%		TP-020137	26-Sep-02	
72	2566	Creation of R99 TCs for TDD - TTCN	MISTST1-TDD	2		No	WG T1	TSG	3-Sep-02	3-Mar-03	0%		TP-020137	26-Sep-02	
73	1908	Review all other work items for impact on new or exiting 34 series specs.	MISTST1	2		No	WG T1		2-Jul-02	27-Dec-02	0%			10-Dec-01	Can't start until most core specs are stable
74	32021	IMS Phase 2		1	Rel6	No	WG SA1		28-Aug-00	19-Sep-03	37%			9-Apr-02	Not yet available: verbally approved at SA15, actual WID to be provided at SA16 by Lucent
75	11031	IMS Stage-3 Enhancements		2	Rel6	No	WG CN1		20-Sep-02	19-Sep-03	2%		NP-020385	26-Sep-02	
76	11032	Interoperability and Commonality between IP Multimedia Systems using different "IP-connectivity Networks"; Stage 3		2	Rel6	No	WG CN1		20-Sep-02	19-Sep-03	2%		NP-020387	26-Sep-02	
77	32015	Radio optimisation impacts on PS domain architecture		2	Rel6	No	WG SA2	TSG	10-Dec-01	1-Nov-02	32%		SP-010721	26-Sep-02	
78	2048	Interworking between IMS and IP networks	IMS-CCR-IWIP	2	Rel6	No	WG CN3	TSG	28-Aug-00	28-Mar-03	36%		NP-010568	25-Mar-02	[DAB 14.02.02] - end date pushed back to March 2003
79	13004	Interworking for 3GPP_SIP and IETF_SIP		3		No	WG CN3		28-Aug-00	28-Mar-03	59%			25-Mar-02	[DAB - 14.02.02] - Need for new TR under investigation by CN3
80	13005	Interworking for IPv6 to IPv4		3		No	WG CN3		28-Aug-00	28-Mar-03	10%			25-Mar-02	[DAB - 14.02.02] - Requirements still not clear from SA2
81	2047	Interworking between IMS and CS networks	IMS-CCR-IWCS	2	Rel6	No	WG CN3	TSG	28-Aug-00	6-Dec-02	60%		NP-010569	26-Sep-02	

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82	13002	ITU-T Q.1912.SIP (SIP to BICC / ISUP interworking)		3		Yes	WG CN3		28-Aug-00	6-Dec-02	60%			30-May-02	[DAB - 17.05.02] - estimated ITU delivery date pushed to Dec. 2002
83	13003	ITU-T dependency on Q.2150.3 (SCTP)		3		No	WG CN3		28-Aug-00	6-Dec-02	60%			30-May-02	[DAB - 17.05.02] - estimated ITU delivery date pushed to Dec. 2002
84	32005	IMS Local services		2	Rel6	No	WG SA2		1-Jan-01	29-Mar-02	100%			30-May-02	
85	32019	Stage 2		3		No	WG SA2		1-Jan-01	29-Mar-02	100%			9-Apr-02	
86	13011	Mm interface (CSCF to external IP multimedia network)		2	Rel6	No	WG CN3		14-Mar-01	21-Mar-03	26%			NA	
87	11017	CN1 part		3		No	WG CN1		14-Mar-01	7-Jun-02	85%			30-May-02	
88	13012	CN3 part		3		No	WG CN3		8-Apr-02	21-Mar-03	5%			26-Sep-02	[DAB - 30/07/02] - Progress at 5% as no contris seen to date
89	13013	Mg interface (BGCF to MGCF - interworking with CS)		2	Rel6	No	WG CN3		9-Apr-01	20-Dec-02	64%			NA	
90	14002	Mg interface (BGCF to MGCF - interworking with CS)		3	Rel6	No	WG CN1		9-Apr-01	7-Jun-02	100%			30-May-02	
91	13014	CN3 part		3		No	WG CN3		1-Apr-02	20-Dec-02	5%			26-Sep-02	[DAB - 30/07/02] - Progress at 5% as no contris seen to date
92	14001	Mc interface (IM-MGW to MGCF) enhancements		2	Rel6	Yes	WG CN4		2-Sep-02	28-Mar-03	15%			26-Sep-02	[DAB 08-03-02] - No work required in CN4...
93	31022	IMS Messaging	IMSM	2	Rel6	No	WG SA1	TSG	14-Mar-02	17-Mar-03	0%		SP-020065	21-Mar-02	
94	31023	TR on support of messaging in the IMS	IMSM-TR	3		No	WG SA1	TSG	14-Mar-02	9-Dec-02	0%			21-Mar-02	
95	31024	CRs to existing 22-series specifications	IMSM-CR	3		No	WG SA1	TSG	14-Mar-02	17-Mar-03	0%			21-Mar-02	
96	32700	Stage 2		3		No	WG SA2		5-Aug-02	20-Dec-02	0%			26-Sep-02	
97	31025	IMS Group Management	IMSGM	2	Rel6	No	WG SA1	TSG	14-Mar-02	9-Dec-02	0%		SP-020065	21-Mar-02	
98	31026	TS on IMS group management	IMSM-TR	3		No	WG SA1	TSG	14-Mar-02	9-Dec-02	0%			21-Mar-02	
99	1365	Support of Push Services	PUSH	1	Rel6	No	WG SA1	TSG	3-Jan-01	23-May-03	25%	Alain	SP-000600	28-Feb-02	AS: Changed from FS to actual support of Push
100	31004	Stage 1		2		No	WG SA1		3-Jan-01	14-Jun-02	31%			28-Feb-02	
101	32000	TR on feasibility study		2		No	WG SA2		3-Jan-01	7-Sep-01	100%			24-Nov-01	Stage 2 on hold, waiting for requirements.
102	32701	Stage 2		2		No	WG SA2		11-Nov-02	23-May-03	0%			26-Sep-02	
103	42009	Multimedia Messaging (MMS) enhancements	MMS6	1	Rel6	No	WG T2	TSG	15-Aug-02	13-Jun-03	0%		TP-020206	26-Sep-02	

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104	42010	Definition of service requirements		2		No	WG SA1		15-Aug-02	13-Jun-03	0%			26-Sep-02	
105	42011	Technical realization		2		No	WG T2		15-Aug-02	13-Jun-03	0%			26-Sep-02	
106	42012	OMA dependencies		2		No	WG T2		15-Aug-02	13-Jun-03	0%			26-Sep-02	
107	42013	MMS formats and codecs		2		No	WG SA4		15-Aug-02	13-Jun-03	0%			26-Sep-02	
108	42005	Rel-6 MExE enhancements	MEXE6	1	Rel6	No	WG T2	TSG	8-Mar-02	13-Jun-03	50%			21-Mar-02	
109	42006	MExE Rel-6 Improvements and Investigations	MEXE6-ENHANC	2		No	WG T2	TSG	8-Mar-02	13-Jun-03	30%		TP-020017	26-Sep-02	
110	42007	MExE Run-Time Independent Framework Feasibility Study	MEXE6-RTIF	2		No	WG T2	TSG	8-Mar-02	6-Jun-03	70%		TP-020086	26-Sep-02	
111	1142	Charging and OAM&P	OAM	1	NA	No	WG SA5	TSG	10-Sep-01	12-Sep-02	73%	Adrian	SP-010461	21-Jun-02	
112	2062	Subscription Management	SM	1	Rel6	No	WG SA5	TSG	29-Dec-00	20-Dec-02	40%	Adrian	SP-000524	21-Jun-02	az: SA#15 - Moved to Rel-6 as Stage 2/3 not avail & linkage to GUP which is also moved to Rel-6.
113	2330	GERAN support for IMS	GERIMS	1	TBD	No	TSG GERAN	TSG	1-May-00	20-Dec-02	29%	Paolo	GP-010420	21-May-02	AWS, Nokia, Ericsson, Nortel, Siemens, Motorola
114	2331	GERAN Header adaptation	GERIMS-HEADAPT	2		No	TSG GERAN; WG SA2;TSG RAN	TSG	1-May-00	20-Dec-02	35%	Paolo	GP-010421	21-May-02	AWS, Nokia, Ericsson, Nortel, Siemens, Motorola
115	2332	Definition of compression and removal modes for PDCP protocol		3		No	TSG GERAN; WG SA2;TSG RAN	TSG	1-May-00	10-Nov-00	100%			12-Sep-01	
116	2333	Conceptual description in stage 2		3		No	TSG GERAN; WG SA2;TSG RAN	TSG	1-May-00	31-Oct-01	100%			21-May-02	
117	2334	Necessary changes on stage 3 regarding header removal		3		No	TSG GERAN; WG SA2;TSG RAN	TSG	6-Nov-00	20-Dec-02	6%			28-Feb-02	
118	2335	GERAN Radio access bearer design for IMS	GERIMS-RABDES	2		No	TSG GERAN; WG SA2;TSG RAN	TSG	6-Nov-00	28-Jun-02	40%	Paolo	GP-010422	21-May-02	AWS, Nokia, Ericsson, Nortel, Siemens, Motorola

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119	2422	MuM control signalling for conversational multimedia services		3		No	TSG GERAN; WG SA2;TSG RAN	TSG	6-Nov-00	28-Jun-02	45%			26-Sep-02	
120	2431	Identification of requirements		4		No	TSG GERAN; WG SA2;TSG RAN	TSG	6-Nov-00	8-Feb-02	100%			21-May-02	
121	2337	Necessary modifications due to SIP		4		No	TSG GERAN; WG SA2;TSG RAN	TSG	6-May-02	28-Jun-02	0%			12-Sep-01	
122	2341	GERAN MS Conformance test for support of IMS	GERIMS-MSconf	2		No	TSG GERAN	TSG	11-Jun-01	20-Dec-02	0%	Paolo	GP-010424	21-May-02	AWS, Nokia, Ericsson, Nortel, Siemens, Motorola
123	2342	MS test		3		No	WG GERAN4	TSG	11-Jun-01	20-Dec-02	0%			12-Sep-01	
124	2343	GERAN BTS Conformance test for support of IMS	GERIMS-BTSconf	2		No	TSG GERAN	TSG	11-Jun-01	20-Dec-02	0%	Paolo	GP-010425	21-May-02	AWS, Nokia, Ericsson, Nortel, Siemens, Motorola
125	2344	BTS test		3		No	WG GERAN3	TSG	11-Jun-01	20-Dec-02	0%			12-Sep-01	
126	2345	Alignment of 3G functional split and lu	GER3GAL	1	Rel5	No	TSG GERAN	TSG	8-Jun-00	6-Dec-02	73%	Paolo	GP-021256	26-Sep-02	AWS, Nokia, Ericsson, Nortel, Siemens, Vodafone
127	2346	GERAN user / control plane	GER3GAL-GUCOPL	2		No	TSG GERAN	TSG	19-Jul-00	30-Aug-02	64%	Paolo	GP-021255	26-Sep-02	AWS, Nokia, Ericsson, Nortel, Siemens, Vodafone
128	2347	Alignment with UMTS bearer concept		3		No	TSG GERAN	TSG	19-Jul-00	30-Aug-02	63%			26-Sep-02	
129	50300	Enhanced power control		4		No	TSG GERAN	TSG	31-Aug-01	31-Aug-01	100%			12-Sep-01	
130	2423	Stage 2		4		No	TSG GERAN	TSG	7-Aug-00	29-Jun-01	100%			21-May-02	
131	2348	Adoption of the UTRAN PDCP		4		No	TSG GERAN	TSG	6-Nov-00	21-Dec-01	100%			1-Mar-02	Responsible is GERAN; RAN WG2 help may be needed.
132	50043	Development of RLC / MAC		4		No	TSG GERAN	TSG	31-Aug-01	30-Aug-02	10%			31-Jul-02	
133	50044	Development of GERAN RRC		4		No	TSG GERAN	TSG	22-Jun-01	28-Jun-02	100%			31-Jul-02	
134	50045	Ciphering and integrity protection concept paper		4		No	TSG GERAN	TSG	31-Aug-01	19-Apr-02	100%			21-May-02	
135	50046	Multiple TBF or equivalent Concept paper		4		No	TSG GERAN	TSG	31-Aug-01	8-Feb-02	100%			21-May-02	

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136	50047	Paging concept		4		No	TSG GERAN	TSG	31-Aug-01	19-Apr-02	100%			21-May-02	
137	50048	Dedicated Physical subchannels, includes traffic and control channels		4		No	TSG GERAN	TSG	31-Aug-01	30-Nov-01	100%			21-May-02	
138	50049	Iu support and broadcast concept		4		No	TSG GERAN	TSG	31-Aug-01	19-Apr-02	100%			21-May-02	
139	50050	Impact of using RLC instead of LAPDm concept		4		No	TSG GERAN	TSG	31-Aug-01	8-Feb-02	100%			21-May-02	
140	50051	Contention resolution, mobile station identity, and access concept		4		No	TSG GERAN	TSG	31-Aug-01	30-Nov-01	100%			21-May-02	
141	50052	PDCCP concept		4		No	TSG GERAN	TSG	31-Aug-01	19-Apr-02	100%			21-May-02	
142	50053	Downlink delayed TBF release		4		No	TSG GERAN	TSG	31-Aug-01	30-Aug-02	100%			26-Sep-02	
143	50054	Add transparent RLC Concept		4		No	TSG GERAN	TSG	31-Aug-01	8-Feb-02	100%			21-May-02	
144	50055	Handover concept		4		No	TSG GERAN		31-Aug-01	8-Feb-02	100%			21-May-02	
145	2349	Development of RLC / MAC		4		No	WG GERAN2	TSG	6-Nov-00	28-Jun-02	0%			1-Mar-02	
146	2350	Development of GERAN RRC		4		No	WG GERAN2	TSG	6-Nov-00	28-Jun-02	0%			1-Mar-02	
147	2351	Ciphering and integrity protection Concept paper		4		No	WG GERAN2	TSG	19-Jul-00	19-Apr-02	0%			1-Mar-02	
148	50302	Multiple TBF or equivalent Concept paper		4		No	WG GERAN2	TSG	6-Nov-00	8-Feb-02	100%			1-Mar-02	
149	50303	Paging concept		4		No	WG GERAN2	TSG	6-Nov-00	19-Apr-02	0%			1-Mar-02	
150	2352	Dedicated physical subchannels. Includes traffic and control channels		4		No	WG GERAN2; WG GERAN1	TSG	29-Mar-01	30-Nov-01	100%			1-Mar-02	
151	2353	Iu support and broadcast concept		4		No	WG GERAN1; WG GERAN2	TSG	30-Jul-01	19-Apr-02	0%			1-Mar-02	
152	2354	Impact of using RLC instead of LAPDm concept		4		No	WG GERAN1; WG GERAN2	TSG	6-Nov-00	8-Feb-02	100%			1-Mar-02	
153	2355	Contention resolution, mobile station identity, and access concept		4		No	WG GERAN2	TSG	6-Nov-00	31-Oct-01	100%			1-Mar-02	
154	50304	PDCCP concept		4		No	WG GERAN1; WG GERAN2		30-Jul-01	19-Apr-02	0%			1-Mar-02	

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155	50305	Downlink delayedTBF release		4		No	WG GERAN2		6-Nov-00	31-Oct-01	100%			1-Mar-02	
156	50306	Add transparent RLC Concept		4		No	WG GERAN2		6-Nov-00	8-Feb-02	100%			1-Mar-02	
157	50307	Handover concept		4		No	WG GERAN2		6-Nov-00	8-Feb-02	100%			1-Mar-02	
158	2424	Physical layer alignment with UMTS bearer concept		3		No	TSG GERAN	TSG	6-Nov-00	30-Nov-01	77%			12-Sep-01	
159	2356	PDTCH/TCH in 45.003		4		No	TSG GERAN	TSG	6-Nov-00	8-Jun-01	100%			13-Feb-01	
160	2357	Control channels in 45.003		4		No	TSG GERAN	TSG	6-Nov-00	8-Jun-01	100%			12-Sep-01	
161	2358	Receiver performance in 45.005 for PDTCH/TCH and control channels		4		No	TSG GERAN	TSG	6-Nov-00	30-Nov-01	100%			12-Sep-01	
162	2359	lu rg interface	GER3GALLurg	2		No	TSG GERAN;TSG RAN	TSG	6-Nov-00	28-Jun-02	94%	Paolo	GP-010428	26-Sep-02	AWS, Nokia, Ericsson, Nortel, Siemens, Vodafone
163	2425	Inter BSS interface		3		No	TSG GERAN;TSG RAN		6-Nov-00	28-Jun-02	100%			31-Jul-02	
164	2360	Identification of requirements		4		No	TSG GERAN		6-Nov-00	28-Jun-02	100%			26-Sep-02	
165	2361	Stage 2		4		No	TSG GERAN		6-Nov-00	28-Jun-02	100%			26-Sep-02	
166	2362	Adoption of relevant parts from lur		4		No	TSG GERAN		6-Nov-00	28-Jun-02	100%			26-Sep-02	
167	2363	Complementation with GERAN specifics		4		No	TSG GERAN		6-Nov-00	28-Jun-02	100%			26-Sep-02	
168	2364	Stage 3		4		No	TSG GERAN		6-Nov-00	28-Jun-02	100%			26-Sep-02	
169	2426	Inter BSS-RNS interface		3		No	TSG GERAN;TSG RAN		6-Nov-00	28-Jun-02	100%			31-Jul-02	
170	2365	Identification of requirements		4		No	TSG GERAN;WG RAN3		6-Nov-00	28-Jun-02	100%			26-Sep-02	
171	2366	Stage 2		4		No	TSG GERAN;WG RAN3		6-Nov-00	28-Jun-02	100%			26-Sep-02	
172	2367	Adoption of relevant parts from lur		4		No	TSG GERAN;WG RAN3		6-Nov-00	28-Jun-02	100%			26-Sep-02	
173	2368	Complementation with GERAN specifics		4		No	TSG GERAN;WG RAN3		30-Jan-02	28-Jun-02	100%			26-Sep-02	

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174	2369	Stage 3		4		No	TSG GERAN; WG RAN3		30-Jan-02	28-Jun-02	100%			26-Sep-02	
175	2370	Voice over GERAN PS and CS concept		2		No	TSG GERAN; WG RAN3		6-Nov-00	28-Jun-02	100%	Paolo	GP-011252	31-Jul-02	
176	2371	Architecture for A, lu cs and lu ps		3		No	TSG GERAN; WG RAN3		6-Nov-00	28-Jun-02	100%			26-Sep-02	
177	2372	Transcoder position/operation		3		No	TSG GERAN		6-Nov-00	13-Apr-01	100%			26-Sep-02	
178	2373	Handover		3		No	TSG GERAN; WG RAN3		6-Nov-00	28-Jun-02	100%			26-Sep-02	
179	2374	RTP payload		3		No	TSG GERAN; WG RAN3		6-Nov-00	28-Jun-02	100%			26-Sep-02	
180	2388	GERAN MS Conformance test for GERAN interface evolution		2		No	TSG GERAN		11-Jun-01	6-Dec-02	0%	Paolo	GP-021253	31-Jul-02	
181	2389	MS test		3		No	TSG GERAN		11-Jun-01	6-Dec-02	0%			12-Sep-01	
182	2390	GERAN MS Conformance test for GERAN interface evolution		2		No	TSG GERAN		8-Jun-00	6-Dec-02	0%	Paolo	GP-021254	31-Jul-02	
183	2391	BSS test		3		No	TSG GERAN		8-Jun-00	6-Dec-02	0%			12-Sep-01	
184	2499	Support of Presence Capability	PRESNC	1	Rel6	No	WG SA1	TSG	19-Mar-01	20-Mar-03	38%	Micheal C	SP-01064	28-Feb-02	
185	2501	Stage 1		2		No	WG SA1		19-Mar-01	18-Jul-01	95%			28-Feb-02	
186	2502	Stage 2		2		No	WG SA2	TSG	12-Sep-01	20-Sep-02	83%		SP-010517	26-Sep-02	
187	2503	Stage 3		2		No	WG CN1		8-Apr-02	20-Mar-03	5%		NP-020491	26-Sep-02	
188	2504	Security issues		2		No	WG SA3		26-Aug-02	12-Dec-02	0%			10-Dec-01	LSS handled in SA3
189	2505	USIM issues		2		No	WG T3		4-Mar-02	20-Jun-02	0%			30-Mar-01	
190	2506	UE issues		2		No	WG T2		4-Mar-02	20-Jun-02	0%			30-Mar-01	
191	31028	Presence Service Enhancements	PRES1	1	Rel6	No	WG SA1	TSG	14-Mar-02	17-Mar-03	0%		SP-020065	21-Mar-02	SA1 to clarify why Presence and Presence enhancements are both be in same release

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192	2527	Emergency calls without UICC/SIM in netw. with IMS		1	Rel6	No	WG SA2		29-Jul-02	14-Mar-03	0%	Alain	SP-010210	24-Jan-02	Per 30/5: This WID was approved in SA#11 as a feature. SA2 work on 23.221, 23.060 and 23.228 is targeted for TSG#13. The stage 3 work (mostly CN1?) is targeted for TSG#15 (March 2002)
193	32014	Stage 2		2		No	WG SA2		7-Oct-02	17-Jan-03	0%			26-Sep-02	
194	2528	Stage 3 work for CN1		2		No	WG CN1		29-Jul-02	14-Mar-03	0%			25-Mar-02	
195	50056	Enhanced A/Gb feasibility study	AGbEnFS	1	TBD	No	TSG GERAN	TSG	30-Aug-02	8-Nov-02	15%		GP-022565	26-Sep-02	
196	50057	Feasibility study on A/Gb enhancements		2		No	WG GERAN2	TSG	30-Aug-02	8-Nov-02	17%			26-Sep-02	
197	50080	Requirements for the support of conversational services		3		No	TSG GERAN		30-Aug-02	8-Nov-02	20%			26-Sep-02	
198	52081	Identification of the different building blocks for the provision of conversational services on the existing A/Gb protocol stack		3		No	WG GERAN2		30-Aug-02	8-Nov-02	0%			26-Sep-02	
199	52082	Outline of impact and feasibility of these building blocks and their different solutions		3		No	WG GERAN2		30-Aug-02	8-Nov-02	0%			26-Sep-02	
200	50081	Impact on 3GPP architecture and requirement to co-ordinate with other TSGs (CN, SA)		3		No	TSG GERAN		30-Aug-02	8-Nov-02	0%			26-Sep-02	
201	50082	Standardisation effort		3		No	TSG GERAN		30-Aug-02	8-Nov-02	0%			26-Sep-02	
202	50083	Dependency to other features		3		No	TSG GERAN		30-Aug-02	8-Nov-02	0%			26-Sep-02	
203	50058	Multiple TBF in A/Gb mode	MULTBF	1	Rel5	No	TSG GERAN	TSG	19-Apr-02	27-Jun-03	9%		GP-021263	26-Sep-02	
204	50059	Multiple TBF in A/Gb mode	MULTBF-Agbmode	2		No	TSG GERAN		19-Apr-02	22-Nov-02	17%			26-Sep-02	
205	50060	Multiple TBF Concept paper		3		No	TSG GERAN		19-Apr-02	22-Nov-02	50%			26-Sep-02	
206	51001	Multiple TBF Stage 2 (43.064) CRs		3		No	WG GERAN1		19-Apr-02	22-Nov-02	0%			26-Sep-02	
207	50062	Multiple TBF Stage 3 (44.060) CRs		3		No	WG GERAN2		19-Apr-02	22-Nov-02	0%			26-Sep-02	
208	50106	Multiple TBF in A/Gb mode – MS testingGP-022098		2		No	TSG GERAN		24-Jun-02	27-Jun-03	0%		GP-022098	26-Sep-02	
209	54101	MS conformance tests		3		No	WG GERAN4		24-Jun-02	27-Jun-03	0%			26-Sep-02	

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210	50063	Flexible Layer One for GERAN	FLOGER	1	TBD	No	TSG GERAN		3-Jan-00	27-Jun-03	2%		GP-021018	31-Jul-02	Nokia, Ericsson, Siemens, Telia
211	50064	Realisation of a Flexible Layer One	FLOGER-Real	2		No	TSG GERAN		3-Jan-00	31-Jan-03	3%		GP-021019	26-Sep-02	
212	50065	Technical Report		3		No	TSG GERAN		19-Apr-02	31-Jan-03	30%			26-Sep-02	
213	51002	Architecture in 45.001 and 43.051		3		No	WG GERAN1		19-Apr-02	31-Jan-03	0%			26-Sep-02	
214	51003	Multiplexing in 45.002		3		No	WG GERAN1		19-Apr-02	31-Jan-03	0%			26-Sep-02	
215	51004	Channel Coding in 45.003		3		No	WG GERAN1		19-Apr-02	31-Jan-03	0%			26-Sep-02	
216	51005	Performance Requirements in 45.005		3		No	WG GERAN1		3-Jan-00	31-Jan-03	0%			26-Sep-02	
217	51006	Radio subsystem link control in 45.008		3		No	WG GERAN1		19-Apr-02	31-Jan-03	0%			26-Sep-02	
218	52071	Requirements in 44.004		3		No	WG GERAN2		19-Apr-02	31-Jan-03	0%			26-Sep-02	
219	52072	Signalling and protocol support for a Flexible Layer One	FLOGER-SigPro	2		No	WG GERAN2		19-Apr-02	31-Jan-03	5%		GP-02020	26-Sep-02	
220	52073	Modifications to RLC/MAC in 44.060 and 44.160		3		No	WG GERAN2		19-Apr-02	31-Jan-03	10%			26-Sep-02	
221	52074	Modifications to RRC in 44.118 and 44.018		3		No	WG GERAN2		19-Apr-02	31-Jan-03	0%			26-Sep-02	
222	52075	Security for a Flexible Layer One	FLOGER-SecFLO	2		No	WG GERAN2		19-Apr-02	31-Jan-03	2%		GP-02021	26-Sep-02	
223	52076	Ciphering in 44.160,44.118, 44.060 and 44.018		3		No	WG GERAN2		19-Apr-02	31-Jan-03	2%			26-Sep-02	
224	55077	GERAN MS Conformance test for the Flexible Layer One	FLOGER-Msconf	2		No	WG GERAN4, WG GERAN5		19-Apr-02	27-Jun-03	0%		GP-02022	26-Sep-02	
225	55078	MS Test in 51.010		3		No	WG GERAN4, WG GERAN5		19-Apr-02	27-Jun-03	0%			26-Sep-02	
226	55079	GERAN BTS Conformance test for the Flexible Layer One	FLOGER-BTSconf	2		No	WG GERAN3		19-Apr-02	27-Jun-03	0%		GP-02023	26-Sep-02	
227	53080	BTS Test in 51.021		3		No	WG GERAN3		19-Apr-02	27-Jun-03	0%			26-Sep-02	
228	55080	BTS Test in 51.021		3		No	WG GERAN4, WG GERAN5		19-Apr-02	28-Jun-02	0%			21-May-02	
229	50041	Uplink TDOA feasibility study	TDOAF	1	Rel6	No	TSG GERAN		30-Nov-01	28-Jun-02	100%	Paolo	GP-012794	26-Sep-02	

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230	35009	Trace Management	Trace Mg	1	Rel6	No	WG SA5	TSG	15-Nov-01	20-Dec-02	20%		SP-020332	21-Jun-02	az: SA#16 - Moved to Rel-6. WI approved (Feature->BB). Changed Rapporteur/Impacted TSs.
231	2544	Multimedia Broadcast and Multicast Service	MBMS	1	Rel6	No	WG SA1		11-May-01	27-Jun-03	9%	Michael C.		24-Nov-01	Title renamed at SA#13
232	2545	Stage 1		2		No	WG SA1		11-May-01	1-Apr-02	85%	Micheal C		28-Feb-02	This may or may not be a separate stage 1. In the meantime, CRs are proposed for 22.101
233	32002	Stage 2		2		No	WG SA2	TSG	24-Sep-01	17-Mar-03	43%		SP-010516	30-May-02	
234	32702	TR on Architectural Study		3		No			24-Sep-01	23-Aug-02	100%			26-Sep-02	
235	32703	Stage 2 Specification Work		3		No			19-Aug-02	17-Mar-03	0%			26-Sep-02	
236	2481	Introduction of MBMS in RAN		2		No	WG RAN2	TSG	1-Jan-02	13-Jun-03	7%		RAN_Wis	16-Sep-02	
237	11030	Support of the MBMS in CN protocols		2		No	WG CN1	TSG	18-Jun-02	16-Jun-03	2%		NP-020323	26-Sep-02	
238	50085	Support of MBMS in GERAN	MBMS-GERAN	2	Rel6	No	TSG GERAN	TSG	30-Aug-02	27-Jun-03	0%		GP-022566	26-Sep-02	
239	50086	Impact on the logical and physical channels		3		No	TSG GERAN		30-Aug-02	27-Jun-03	0%			26-Sep-02	
240	51085	Simultaneous support of MBMS services		3		No	WG GERAN1		30-Aug-02	27-Jun-03	0%			26-Sep-02	
241	51086	Simultaneous support of MBMS and non-MBMS services		3		No	WG GERAN1		30-Aug-02	27-Jun-03	0%			26-Sep-02	
242	52085	Re-synchronisation at cell change		3		No	WG GERAN2		30-Aug-02	27-Jun-03	0%			26-Sep-02	
243	50087	Decision making process between point-to-point or pont-to-multipoint configurations		3		No	TSG GERAN		30-Aug-02	27-Jun-03	0%			26-Sep-02	
244	50088	MBMS channel allocations procedures to multiple MSs		3		No	TSG GERAN		30-Aug-02	27-Jun-03	0%			26-Sep-02	
245	50089	Changes to the Gb interface		3		No	TSG GERAN		30-Aug-02	27-Jun-03	0%			26-Sep-02	
246	50090	GERAN specific changes to the Iu-ps interface		3		No	TSG GERAN		30-Aug-02	27-Jun-03	0%			26-Sep-02	
247	50091	Interaction between MBMS and Iu-flex		3		No	TSG GERAN		30-Aug-02	27-Jun-03	0%			26-Sep-02	
248	50092	Security aspects		3		No	TSG GERAN		30-Aug-02	27-Jun-03	0%			26-Sep-02	
249	55091	MS conformance tests		3		No	WG CN5		30-Aug-02	27-Jun-03	0%			26-Sep-02	
250	31006	Speech Recognition and Speech Enabled Services	SRSES	1	Rel6	No	WG SA1	TSG	8-Oct-01	14-Mar-03	23%	Michael C	SP-010572	28-Feb-02	
251	31007	Speech Enabled Services Based on Distributed Speech Recognition (DSR)	DSR	2		Yes	WG SA1	TSG	8-Oct-01	15-Mar-02	80%		SP-010581	28-Feb-02	

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252	32999	Stage 2 of DSR	DSR	2		No	WG SA2		5-Aug-02	4-Mar-03	0%			26-Sep-02	
253	11021	SDP protocols extension to include DSR	DSR	2		No	WG CN1		23-Sep-02	14-Mar-03	0%			25-Mar-02	
254	31008	Generic User Profile	GUP	1	Rel6	No	WG SA1	TSG	8-Oct-01	10-Jun-03	32%	Michael C	SP-010548	9-Oct-01	
255	31009	Stage 1 - Requirements	GUP	2		No	WG SA1		8-Oct-01	9-Dec-02	60%		SP-020163	21-Mar-02	
256	42002	Stage 2 - Data description framework	GUP	2		No	WG T2		8-Oct-01	11-Mar-03	40%			30-May-02	
257	32008	Stage 2 - Architecture	GUP	2		No	WG SA2		28-Jan-02	21-Mar-03	47%			26-Sep-02	
258	42003	Stage 3 - Common objects	GUP	2		No	WG T2		8-Oct-01	10-Jun-03	5%			30-May-02	
259	14008	Stage 3 - Network	GUP	2		No	WG CN4		18-Nov-02	10-Jun-03	0%			26-Sep-02	17 May no activity in CN4...
260	31010	Digital Rights Management	DRM	1	Rel6	No	WG SA1	TSG	8-Oct-01	21-Mar-03	15%	Michael C	SP-010577	11-Oct-01	Foreseen start and completion dates introduced by MCC (no indication at all on the WID)
261	31011	Requirements	DRM	2		No	WG SA1		8-Oct-01	13-Jun-02	75%			28-Feb-02	
262	32009	Architecture	DRM	2		No	WG SA2		19-Aug-02	21-Mar-03	0%			26-Sep-02	
263	33001	Security	DRM	2		No	WG SA3		17-Jun-02	3-Mar-03	0%			30-May-02	SA3 acknowledge role in WI at SA3#20.
264	34017	Codec Aspects	DRM	2		No	WG SA4		17-Jun-02	3-Mar-03	0%			30-May-02	
265	42004	Terminal Aspects	DRM	2		No	WG T2		10-Jun-02	24-Feb-03	0%			30-May-02	
266	31012	FS on WLAN-UMTS Interworking	WLAN	1	Rel6	No	WG SA1	TSG	3-Jan-00	25-Dec-02	58%	Michael C	SP-010588	28-Feb-02	
267	31020	Technical Report	WLAN-TR	2		No	WG SA1		3-Jan-00	13-May-02	60%		SP-020066	21-Mar-02	
268	32018	WLAN Interworking – Architecture Definition	WLAN	2		No	WG SA2	TSG	25-Mar-02	25-Dec-02	53%		SP-020143	26-Sep-02	
269	32704	Security		2		No	WG SA3		3-Jan-00	3-Jan-00	0%			26-Sep-02	
270	31015	Priority Service	PRIOR	1	Rel6	No	WG SA1		30-May-02	14-Jun-02	38%			NA	
271	31016	Feasibility Study	PRIOR-FS	2		No	WG SA1		14-Jun-02	14-Jun-02	75%	Michael C	SP-010523	NA	
272	31017	Stage 1 - Requirements	PRIOR-SR	2		No	WG SA1		30-May-02	30-May-02	0%	Michael C		NA	
273	31018	Network Sharing	NTShar	1	Rel6	No	WG SA1		14-Nov-01	14-Jun-02	10%	Michael C	SP-010681	NA	
274	31019	Technical Report	NTShar-TR	2		No	WG SA1		14-Nov-01	14-Jun-02	10%	Michael C		NA	
275	32016	QoS Improvements	QoS1	1	NA	Yes	WG SA2	TSG	15-Jul-02	21-Mar-03	6%		SP-010719	24-Jan-02	
276	32017	Dynamic Policy control enhancements for end-to-end QoS	QoS1	2	Rel6	No	WG SA2	TSG	15-Jul-02	21-Mar-03	6%		SP-010719	26-Sep-02	
277	33002	Support for subscriber certificates	SEC1-SC	1	Rel6	No	WG SA3	TSG	3-Jan-00	12-Sep-02	0%	Maurice	SP-010622	24-Jan-02	Approved at SA#14. This may require BBs from CN1, CN4, SA5 and T3
278	32705	Stage 1		2		No	WG SA3		25-Feb-02	12-Sep-02	0%			26-Sep-02	
279	32706	Stage 2		2		No	WG SA2		3-Jan-00	3-Jan-00	0%			26-Sep-02	

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280	1637	OSA enhancements - To be merged with next one	OSA1	1	NA	Yes	WG SA1	TSG	11-Jul-00	13-Dec-02	86%	Adrian Z	SP-000216	24-Jan-02	
281	1433	Retrieval of Terminal capabilities	OSA1-TC	2	Rel6	No	WG SA2	TSG	11-Jul-00	13-Dec-02	76%			30-May-02	
282	1434	Stage 1	OSA1-TC	3		No	WG SA1	TSG	11-Jul-00	10-Jan-01	50%			28-Feb-02	
283	1436	Stages 2 and 3	OSA1-TC	3		No	WG CN5	TSG	21-Sep-01	13-Dec-02	100%		NP-010692	21-Jun-02	
284	2122	Provisioning of the terminal capabilities	OSA1-TC	3		No	WG T2	TSG	2-Apr-01	30-Nov-01	50%			26-Sep-02	According to T2 SWG1 M. Cataldo this is automatically supported by the MExE support of UAProf therefore 100% complete
285	2538	Interaction with other features		2	NA	No	WG SA1	TSG	1-Jun-01	20-Dec-01	90%			30-May-02	
286	2539	Access to Presence information	OSA1-PI	3	Rel6	No	WG SA1	TSG	1-Jun-01	20-Dec-01	90%			30-May-02	
287	2540	Access to User Profile	OSA1-UP	3	Rel6	No	WG SA1	TSG	1-Jun-01	20-Dec-01	90%			30-May-02	
288	2541	Policy Management	OSA1-PM	3	Rel6	No	WG SA1	TSG	1-Jun-01	20-Dec-01	90%			30-May-02	
289	15010	Rel-6 OSA enhancements	OSA3	1	Rel6	No	WG SA1	TSG	14-Feb-02	19-Sep-03	3%	Adrian Z	SP-020065	26-Sep-02	.
290	15011	Support of a Generic Network Interface Function (Stage 1)	OSA3	2		No	WG SA1	TSG	27-Feb-02	6-Jan-03	0%			26-Sep-02	This enables an application to communicate with additional non-framework service capability features by using transparent communication means
291	15017	Support of a Generic Network Interface Function (Stage 3)	OSA3	2		No	WG CN5	WG	14-Feb-02	19-Sep-03	0%		NP-020438	26-Sep-02	
292	15012	Local services (Stage 1)	OSA3	2		No	WG SA1	TSG	27-Feb-02	6-Jan-03	0%			26-Sep-02	This enables the support of OSA-based local services to roaming subscribers
293	15018	Local services (Stage 3)	OSA3	2		No	WG CN5	WG	14-Mar-02	19-Sep-03	5%		NP-020438	26-Sep-02	
294	15013	Support for MMS Relay/Server to VASP Connectivity (Stage 1)	OSA3	2		No	WG SA1	TSG	27-Feb-02	6-Jan-03	0%			26-Sep-02	This enables secure and trusted interaction of a MMS-VASP with the MMS Relay/Server
295	15019	Support for MMS Relay/Server to VASP Connectivity (Stage 3)	OSA3	2		No	WG CN5	WG	14-Mar-02	19-Sep-03	5%		NP-020438	26-Sep-02	

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296	15014	Support for the Push-Service (Stage 1)	OSA3	2		No	WG SA1	TSG	27-Feb-02	6-Jan-03	0%			26-Sep-02	Existing user notification capabilities could be used for Push Services to notify a user. The current OSA support might be enhanced for a full-size support for Push Service
297	15020	Support for the Push-Service (Stage 3)	OSA3	2		No	WG CN5	WG	14-Mar-02	19-Sep-03	5%		NP-020438	26-Sep-02	
298	15015	Enhanced User Notification (Stage 1)	OSA3	2		No	WG SA1	TSG	27-Feb-02	6-Jan-03	0%			26-Sep-02	OSA provides facilities to notify a user. This facility is currently limited to either a SMS or USSD and shall be enhanced beyond these capabilities
299	15021	Enhanced User Notification (Stage 3)	OSA3	2		No	WG CN5	WG	14-Mar-02	19-Sep-03	5%		NP-020438	26-Sep-02	
300	15016	Support for GUP to enable applications access to the Users Profile (Stage 1)	OSA3	2		No	WG SA1	TSG	27-Feb-02	6-Jan-03	0%			26-Sep-02	Access to the Users Profile is supported in Release 5 first. Release 6 OSA shall be enhanced for the full-size support for GUP
301	15022	Support for GUP to enable applications access to the Users Profile (Stage 3)	OSA3	2		No	WG CN5	WG	14-Mar-02	19-Sep-03	5%		NP-020438	26-Sep-02	
302	50101	Flow control supporting an MS with multiple data flows with different QoS over the Gb interface	FlowCon	1	Rel5	No	TSG GERAN	TSG	24-Jun-02	30-Aug-02	100%		GP-021767	26-Sep-02	
303	50102	Update of stage 2 specifications		2		No	TSG GERAN	TSG	24-Jun-02	30-Aug-02	100%			26-Sep-02	
304	32097	Concept document 23.060 (changes to)		3		No	WG SA2		28-Jun-02	30-Aug-02	100%			26-Sep-02	
305	50103	Flow Control		3		No	TSG GERAN		24-Jun-02	28-Jun-02	100%			26-Sep-02	
306	50104	Modification of BSSGP protocol		2		No	TSG GERAN	TSG	24-Jun-02	28-Jun-02	100%		GP-021508	26-Sep-02	
307	52095	Stage 3 (changes to 48.018)		3		No	WG GERAN2		24-Jun-02	28-Jun-02	100%			26-Sep-02	
308	50401	Addition of frequency bands to GSM	TAPS	1	Rel6	No	TSG GERAN		28-Jun-02	20-Dec-02	10%		GP-022072	26-Sep-02	

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309	51101	Addition of frequency bands to GSM – Changes to core specs	TAPS-Core	2		No	WG GERAN1		28-Jun-02	20-Dec-02	20%		GP-022073	26-Sep-02	
310	51102	Changes to core specs		3		No	WG GERAN1		28-Jun-02	20-Dec-02	20%			26-Sep-02	
311	54102	Addition of frequency bands to GSM – Changes for conformance tests	TAPS-Conf	2		No	WG GERAN4		28-Jun-02	20-Dec-02	0%		GP-022074	26-Sep-02	
312	54103	51.010-1 Add testing		3		No	WG GERAN4		28-Jun-02	20-Dec-02	0%			26-Sep-02	
313	50130	Seamless support of streaming services in A/Gb mode	SSStrea	1	Rel6	No	TSG GERAN		30-Aug-02	28-Feb-03	0%		GP-022561	26-Sep-02	
314	51131	Identification of requirements for streaming		2		No	WG GERAN1		30-Aug-02	22-Nov-02	0%		GP-022564	26-Sep-02	
315	51132	Performance study of cell change mechanisms		2		No	WG GERAN1		30-Aug-02	22-Nov-02	0%		GP-022562	26-Sep-02	
316	52131	Reduction of service interruption times and packet loss during mobility procedures		2		No	WG GERAN2		30-Aug-02	28-Feb-03	0%		GP-022563	26-Sep-02	
317	52132	Header compression		2		No	WG GERAN2		30-Aug-02	28-Feb-03	0%			26-Sep-02	
318	54131	MS conformance testing		2		No	WG GERAN4		30-Aug-02	28-Feb-03	0%			26-Sep-02	
319	53131	BTS conformance testing		2		No	WG GERAN3		30-Aug-02	28-Feb-03	0%			26-Sep-02	
320	34300	Performance characterisation of default codecs for PS conversational multimedia application	CODCAR	1	Rel6	No	WG SA4	TSG	11-Sep-02	20-Jun-03	0%		SP-020433	26-Sep-02	Funding pending
321	0	----- Rel-4 features listed below -----		1	Rel4	No			3-Jan-00	3-Jan-00	0%			24-Jan-02	
322	1340	Facsimile	FAX	1	Rel4	No	WG SA1	TSG	22-Feb-00	23-Jun-00	100%	Alain	SP-000169	1-Apr-00	
323	1341	Real Time Fax	FAX-RT	2		No	WG SA2		22-Feb-00	23-Jun-00	100%			15-Nov-00	postponed from R99 to R00, SP-000169
324	1808	Terminal capabilities, AT commands	FAX-RT	3		No	WG T2		22-Feb-00	23-Jun-00	100%			1-Apr-00	
325	1343	Signalling aspects (e.g. ICM)	FAX-RT	3		No	WG CN1		22-Feb-00	23-Jun-00	100%			15-Nov-00	
326	1648	Service provision	FAX-RT	3		No	WG CN3		22-Feb-00	23-Jun-00	100%			15-Nov-00	
327	1345	Review whether service/stage 1 aspects need to be aligned	FAX-RT	3		No	WG SA1		14-Apr-00	23-Jun-00	100%			1-Apr-00	
328	1346	Review whether architecture/stage 2 aspects need to be aligned	FAX-RT	3		No	WG SA2		14-Apr-00	23-Jun-00	100%			1-Apr-00	

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329	1539	Transparent End-to-End PS mobile streaming application	PSTREAM	1	Rel4	No	WG SA4	TSG	3-Apr-00	21-Mar-01	100%	Paolo	SP-000345	20-Mar-01	
330	1818	Multimedia Messaging	MMS	1	Rel4	No	WG T2	TSG	22-Feb-00	14-Mar-01	87%	Friedhelm	TP-000078	14-Sep-01	
331	136	Definition of service requirements	MMS	2		No	WG SA1		22-Feb-00	31-May-00	100%			1-Apr-00	
332	1819	Review of definition of service requirements		2		No	WG T2	TSG	1-Jun-00	14-Mar-01	100%		TP-000078	14-Sep-01	
333	1820	Technical Realisation		2		No	WG T2	TSG	10-Apr-00	14-Mar-01	100%		TP-000078	14-Sep-01	
334	1821	Review of definition of reference Achitecture model		3		No	WG T2	TSG	10-Apr-00	14-Mar-01	100%		TP-000078	14-Sep-01	
335	1822	"Fulfill Requirements of Stage 1"		3		No	WG T2	TSG	10-Apr-00	14-Mar-01	100%		TP-000078	14-Sep-01	e.g. minimum set of media formats, media format conversion, personalization of MMS.
336	1823	Definition of MMS primitives in Stage 2		3		No	WG T2	TSG	10-Apr-00	14-Mar-01	100%		TP-000078	14-Sep-01	
337	1541	Transcoder-Free Operation	TrFO	1	Rel4	No	WG CN4		3-Jan-00	30-Mar-01	80%	Kimmo		25-Mar-02	Lead given to CN4 from CN...
338	112	OoBTC solution	TRFO-OoBTC	2		No	WG CN4	WG	3-Jan-00	30-Mar-01	100%		N4-000531	1-Apr-00	
339	1512	implementation in UTRAN	TRFO-OoBTC-UTRAN	3		No	WG RAN3	TSG	11-Sep-00	30-Mar-01	100%		RAN_Wis	20-Mar-01	moved according to NP-000575
340	896	Impact on architecture, Principles and Terminology	TRFO-OoBTC	3		No	WG SA2		3-Jan-00	20-Oct-00	100%			13-Dec-00	e.g. study cascading TrFO/TFO/TrFO
341	1657	Codec Negotiation between UE and MSC	TRFO-OoBTC	3		No	WG CN1	TSG	14-Aug-00	2-Feb-01	100%			4-Dec-00	the link to NP-000085 has been deleted because referring to a R99 status sheet...
342	115	Codec Negotiation inter MSC	TRFO-OoBTC	3		No	WG CN4		3-Jul-00	22-Dec-00	100%			12-Mar-01	Bearer establishment inter MSC. TS 23.153 R99 part complete. capabilities moved to annex + list of open issues
343	894	Bearer establishment inter MSC	TRFO-OoBTC	3		No	WG CN4	TSG	3-Jul-00	22-Dec-00	100%		NP-000127	12-Mar-01	Bearer establishment inter MSC. TS 23.153 R99 part complete. capabilities moved to annex....

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344	905	Speech Transcoder: Location and Control at the UMTS Core Network Border	TRFO-STLC	2		No	WG SA2	WG	10-Apr-00	29-Sep-00	100%		S2-99352	1-Apr-00	WI description and Tdoc S2-99352...
345	124	Transcoder at Edge	TRFO-STLC	3		No	TSG CN		10-Apr-00	29-Sep-00	100%			12-Mar-01	WI description and Tdoc S2-99352...
346	2310	GERAN improvements 1 (Gb over IP)	GEIMP1	1	Rel4	No	TSG GERAN	TSG	9-May-00	19-Mar-01	100%	Paolo	GP-000433	13-Feb-01	
347	2311	Gb over IP (Ip-fication of Gb)	GbIP	2		No	TSG GERAN	TSG	9-May-00	19-Mar-01	100%	Paolo	GP-000434	13-Feb-01	
348	2312	Concept		3		No	TSG GERAN	TSG	9-May-00	10-Nov-00	100%			13-Feb-01	
349	2313	Changes to 08.16, 08.18		3		No	TSG GERAN	TSG	9-May-00	19-Mar-01	100%			13-Feb-01	
350	2314	GERAN improvements 2 (NACC)	GEIMP2	1	Rel4	No	TSG GERAN	TSG	6-Nov-00	20-Dec-02	54%	Paolo	GP-012812	10-Dec-01	
351	2315	Gb enhancements	Gben	2		No	TSG GERAN	TSG	6-Nov-00	8-Jun-01	100%	Paolo	GP-000436	12-Sep-01	
352	2316	Intra BSC NACC (Network Assisted Cell Change)		3		No	TSG GERAN	TSG	6-Nov-00	8-Jun-01	100%			21-May-02	
353	2420	Concept		4		No	TSG GERAN	TSG	6-Nov-00	8-Jun-01	100%			12-Sep-01	
354	2317	Changes in 03.64		4		No	TSG GERAN	TSG	6-Nov-00	8-Jun-01	100%			12-Sep-01	
355	2318	Changes in 04.60		4		No	TSG GERAN	TSG	6-Nov-00	8-Jun-01	100%			12-Sep-01	
356	2319	Changes in 44.008		4		No	TSG GERAN	TSG	6-Nov-00	8-Jun-01	100%			12-Sep-01	
358	50030	MS conformance test for Intra BSC NACC	GEIMP2-Msconf	2		No	TSG GERAN		30-Nov-01	20-Dec-02	10%		GP-012811	26-Sep-02	
359	50099	Changes in 51.010		3		No	TSG GERAN		30-Nov-01	20-Dec-02	10%			26-Sep-02	
360	2324	GERAN improvements 4 (Delayed TBF)	GEIMP4	1	Rel4	No	TSG GERAN	TSG	15-Jan-01	8-Jun-01	100%	Paolo	GP-010363	21-May-02	
361	2325	Gb enhancements 2	GEIMP4-Gben2	2		No	TSG GERAN	TSG	15-Jan-01	8-Jun-01	100%		GP-010363	21-May-02	
362	2429	stage 2		3		No	TSG GERAN		15-Jan-01	8-Jun-01	100%			1-Mar-02	
363	2421	Stage 3 (changes in 44.060)		3		No	WG GERAN2	TSG	15-Jan-01	6-Apr-01	100%			1-Mar-02	
364	2327	Definition of enhanced countdown procedure		4		No	WG GERAN2	TSG	15-Jan-01	6-Apr-01	100%			1-Mar-02	
365	2328	Definition of enhanced TBF release procedure		4		No	WG GERAN2	TSG	15-Jan-01	6-Apr-01	100%			1-Mar-02	
366	2329	Definition of USF=FREE type polling mechanism on PDCH		4		No	WG GERAN2	TSG	15-Jan-01	6-Apr-01	100%			1-Mar-02	
367	1222	Low Chip Rate TDD option	LCRTDD	1	Rel4	No	WG RAN1	TSG	19-Jul-00	25-Sep-03	76%	Shinobu	RAN_Wis	17-Nov-00	
368	1223	Physical layer	LCRTDD-Phys	2		No	WG RAN1	TSG	19-Jul-00	30-Mar-01	100%		RAN_Wis	12-Mar-01	

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369	1224	Layer 2 and layer 3 protocol aspects	LCRTDD-L23	2		No	WG RAN2	TSG	19-Jul-00	30-Mar-01	100%		RAN_Wis	12-Mar-01	
370	1225	RF radio transmission/reception, system performance requirements and conformance testing	LCRTDD-RF	2		No	WG RAN4	TSG	14-Aug-00	30-Mar-01	100%		RAN_Wis	30-Mar-01	
371	1227	UE radio access capability	LCRTDD-UErac	2		No	WG RAN2	TSG	14-Aug-00	30-Mar-01	100%		RAN_Wis	12-Mar-01	
372	1228	Iub/Iur protocol aspects	LCRTDD-Iublur	2		No	WG RAN3	TSG	14-Aug-00	30-Mar-01	100%		RAN_Wis	20-Mar-01	
373	2262	Low chiprate TDD interworking with GERAN		2		No			1-Sep-00	19-Jan-01	100%	Paolo	GP-000432	13-Feb-01	
374	2263	Handover and Cell Selection / Reselection to UTRA 1.28 Mcps TDD		3		No			1-Sep-00	19-Jan-01	100%			13-Feb-01	
375	1911	Start Testing		2		No	MLST		3-Sep-01	3-Sep-01	0%			1-Apr-00	
376	2103	Conformance Test Aspects - Low Chip Rate TDD		2		No	WG T1		17-Sep-01	25-Sep-03	45%			1-Apr-00	
377	2217	Testing Layer 2 and layer 3 protocol aspects	LCRTDD-L23	3		No	WG T1	TSG	17-Sep-01	2-Dec-02	40%		TP-020137	26-Sep-02	duration set to 6 months (was 0)
378	2562	Testing Layer 2 and layer 3 protocol aspects - TTCN	LCRTDD-L23	3		No	WG T1	TSG	3-Dec-02	25-Sep-03	0%		TP-020137	26-Sep-02	
379	2218	Testing RF Radio Transmission and Reception	LCRTDD-RF	3		No	WG T1	TSG	17-Sep-01	28-Jun-02	100%		TP-020137	26-Sep-02	duration set to 6 months (was 0), finish date set
380	1322	Enable bearer independent CS architecture	CSSPLIT	1	Rel4	No	WG SA2	TSG	3-Jan-00	1-Mar-02	45%	Kimmo	SP-000288	1-Apr-00	
381	1323	Enable bearer-independent call control	CSSPLIT	2		No	WG CN4	WG	3-Jan-00	16-Aug-01	73%		N4-000512	24-Jan-02	DAB 12.12.01 should be 100% hence closed
382	1516	Architecture and Stage 2 description	CSSPLIT	3		No	WG SA2		3-Jan-00	8-Sep-00	100%			1-Apr-00	R00 stage 2 at least 80 % complete in TSGS #8 21.- 23.6.2000 ...
383	1325	Standardisation of protocols (control & user planes) over Nb interface	CSSPLIT	3		No	WG CN3	TSG	2-Jan-01	30-Mar-01	100%		N4-000512	30-May-01	
384	1326	Standardisation of protocols over reference points between MSC server and Gateway MSC server	CSSPLIT	3		No	WG CN4	TSG	25-Sep-00	23-Mar-01	100%		N4-000512	12-Mar-01	
385	1616	Standardisation of detailed stage 2 description	CSSPLIT	3		No	WG CN4	TSG	17-Jul-00	23-Mar-01	100%		N4-000512	12-Mar-01	
386	1327	Bearer control between MSC server and MGW	CSSPLIT	3		No	WG CN4	TSG	1-Sep-00	16-Aug-01	100%		N4-000512	12-Mar-01	
387	1328	stage 3 - protocol issues	CSSPLIT	4		No	WG CN4	TSG	1-Sep-00	16-Aug-01	100%			12-Mar-01	
388	1329	stage 3 - parameter value issues	CSSPLIT	4		No	WG CN3		2-Jan-01	30-Mar-01	100%			30-May-01	

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389	1331	Lawful interception	CSSPLIT	2		No	WG SA3		21-Aug-00	23-Mar-01	0%			10-Dec-01	Requirements capture: S3#14 (Aug 00), Feature specification: S3#15 (Sep 00), Definition of architecture. Should be included in general LI work mentioned above.
390	1918	Start Testing		2		No	MLST		5-Mar-01	5-Mar-01	0%			1-Apr-00	
391	2052	Conformance Test Aspects - Enable bearer independent CS architecture	CSSPLIT-TEST	2		No	WG T1		5-Mar-01	1-Mar-02	0%			1-Apr-00	
392	1445	MExE enhancements Rel-4	MEXE	1	Rel4	No	WG T2	TSG	3-Jan-00	28-Jan-03	57%	Friedhelm	TP-000117	14-Sep-01	
393	1447	MExE Security Analysis Activity	MEXE-SEC	2		No	WG SA3	TSG	22-Feb-00	14-Dec-01	75%		SP-010327	10-Dec-01	Presentation to S3 of threats and countermeasures analysis: S3#15, Feature specification: S3#16. S3#18: WID updated
394	2045	Stage 3	MEXE1-SEC	3		No	WG SA3		17-Jul-00	14-Dec-01	61%			12-Jun-01	
395	1448	Terminal aspects		3		No	WG T2		22-Feb-00	15-Dec-00	100%			13-Mar-01	
396	1810	MExE Rel4 Improvements and Investigations	MEXE-ENHANC	2		No	WG T2	TSG	3-Jan-00	15-Dec-00	98%			13-Mar-01	
397	1812	3rd MExE classmark		3		No	WG T2	TSG	3-Jan-00	15-Dec-00	100%			13-Mar-01	Additional features for MExE R2000
398	1814	FS on Secure download mechanism and capabilities to support SDR concepts		3		No	WG T2	TSG	7-Feb-00	15-Dec-00	100%			13-Mar-01	
399	1815	FS on Support of MP3/MPEG4 content		3		No	WG T2	TSG	7-Feb-00	15-Dec-00	100%			13-Mar-01	
400	41003	Conformance testing of MExE capability (Feasibility study)		2	Rel4	No	WG T1	TSG	28-May-02	28-Jan-03	0%		TP-020137	26-Sep-02	
401	1631	Tandem Free aspects for 3G and between 2G and 3G systems	TFO	1	Rel4	No	WG SA4		22-Feb-00	15-Jun-01	100%	Paolo		30-Mar-01	RAN and CN to verify no problems for GSM terminals roaming in 3G R99
402	1632	Tandem Free AMR	TFO-AMR	2		No	WG SA4		22-Feb-00	15-Jun-01	100%			30-Mar-01	RAN and CN to verify UMTS_AMR_2 support
403	130	Specification	TFO-AMR	3		No	WG SA4		22-Feb-00	23-Mar-01	100%			20-Mar-01	

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404	907	Impact on:	TFO-AMR	3		No	TSG CN		8-Jan-01	15-Jun-01	100%			1-Apr-00	"Implementation" changed to "Impact on:" by A. Sultan (for better wording)
405	131	CN	TFO-AMR	4		No	TSG CN		26-Mar-01	15-Jun-01	100%			30-Mar-01	RAN and CN to verify UMTS_AMR_2 support
406	132	GERAN	TFO-AMR	4		No	TSG GERAN		8-Jan-01	6-Apr-01	100%			28-Feb-02	End date Modified from June to March to have it in Rel4
407	2230	Advanced Speech Call Items enhancements_REL-4	ASCI	1	Rel4	No	WG CN1	TSG	3-Dec-00	14-Mar-02	100%	Per	NP-000730	10-Oct-01	Approved in TSGN_10...
408	2232	Stage 2	ASCI	2		No	WG CN4	WG	3-Dec-00	14-Mar-02	100%	Kimmo		12-Dec-01	CN4#11 30/11/02: no inputs received in CN4
409	2231	Stages 2 and 3 on A interface	ASCI	2		No	WG CN1	WG	3-Dec-00	23-Mar-01	100%	Per		30-May-01	
410	2403	700 MHz spectrum support	700SS	1	Rel4	No	TSG GERAN		3-Jan-00	20-Dec-02	46%	Paolo	GP-000449	10-Dec-01	
411	2404	GERAN support for the 700 MHz band		2		No	TSG GERAN		3-Jan-00	19-Jan-01	100%			13-Feb-01	
412	2405	Signalling support		3		No	TSG GERAN		3-Jan-00	19-Jan-01	100%			13-Feb-01	
413	2406	Physical layer definitions		3		No	TSG GERAN		3-Jan-00	19-Jan-01	100%			13-Feb-01	
414	2407	Receiver performance and RF budget		3		No	TSG GERAN		3-Jan-00	19-Jan-01	100%			13-Feb-01	
415	2408	GERAN MS Conformance test for 700 MHz band		2		No	TSG GERAN		2-Apr-01	30-Nov-01	100%		GP-000451	31-Jul-02	
416	2409	MS test		3		No	TSG GERAN		2-Apr-01	30-Nov-01	100%			31-Jul-02	
417	2410	GERAN BTS Conformance test for 700 MHz band		2		No	TSG GERAN		2-Apr-01	20-Dec-02	0%	Paolo	GP-000452	26-Sep-02	
418	2411	BTS test		3		No	TSG GERAN		2-Apr-01	20-Dec-02	0%			26-Sep-02	
419	2463	Operator Determined Barring for Packet Oriented Services	ODB	1	Rel4	No	TSG CN	TSG	1-Jun-00	19-Mar-01	100%		NP-010089	20-Mar-01	Completed WI missing from the P-plan Added for tracking
420	2546	UMTS QoS Architecture for PS Domain	QoSPPS	1	Rel4	No	WG SA2	TSG	3-Jan-00	27-Nov-02	41%		SP-010342	24-Jan-02	
421	2548	Architecture		2		No	WG SA2	TSG	5-Jun-00	3-Jan-01	100%			24-Jan-02	
422	2550	Charging and OAM&P for QoS Management	QoSPPS-OAM	2		No	WG SA5	TSG	21-Sep-01	28-Jun-02	100%		SP-010461	21-Jun-02	
423	1681	RAB Quality of Service (re)Negotiation over Iu	QoSPPS-MAPEND-RABQoS	2		No	WG RAN3	TSG	21-Aug-00	23-Mar-01	69%		RAN_Wis	16-Feb-01	

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424	1991	RAB Quality of Service Negotiation over lu	QoSPS-MAPEND-RABQoS-Negot	3		No	WG RAN3	TSG	21-Aug-00	23-Mar-01	100%		RAN_Wis	12-Mar-01	
425	2456	RAB Quality of Service Negotiation over lu during relocation	QoSPS-MAPEND-RABQoS-NegotReloc	3		No	WG RAN3	TSG	2-Mar-01	23-Mar-01	100%			12-Mar-01	
426	1992	RAB Quality of Service Re-Negotiation over lu	QoSPS-MAPEND-RABQoS-ReNegot	3		No	WG RAN3	TSG	25-Sep-00	23-Mar-01	100%		RAN_Wis	12-Mar-01	
427	1553	GERAN QoS Aspects - Handovers: maintenance of real-time QoS while moving between cells in the PLMN including inter-SGSN and SRNS relocation or possibly other mechanisms	GERQoS	2		No	TSG GERAN	TSG	3-Jan-00	30-Nov-01	73%	Paolo	GP-010431	26-Sep-02	
428	2306	Handover Concept for the PS domain		3		No	TSG GERAN	TSG	3-Jan-00	30-Nov-01	63%			10-Dec-01	
429	2309	Stable RT handover report 25.936 including header removal		4		No	TSG GERAN	TSG	3-Jan-00	19-Jan-00	100%			24-Jan-02	
430	2307	Update of stage 2		4		No	TSG GERAN	TSG	3-Jan-00	13-Feb-01	100%			24-Jan-02	
431	2308	Update of relevant stage 3 specs - > RRC		4		No	WG GERAN2	TSG	3-Jan-00	30-Nov-01	100%			10-Dec-01	
432	50010	GERAN MS Conformance test for inter-system and intra-system Packet data real-time Handover	GERQoS-Mstest	2		No	WG GERAN4; RAN3	TSG	31-Aug-01	27-Nov-02	0%		GP-012287	12-Sep-01	Still exist? To be clarified by GERAN4/5
433	50011	Handover for the PS domain		3		No	WG GERAN4; RAN3	TSG	31-Aug-01	27-Nov-02	0%			12-Sep-01	
434	50012	Stable RT handover report 25.936 including header removal		4		No	WG GERAN4; RAN3	TSG	31-Aug-01	27-Nov-02	0%			12-Sep-01	
435	50013	Update of stage 2		4		No	WG GERAN4; RAN3	TSG	31-Aug-01	27-Nov-02	0%			12-Sep-01	
436	50014	Update of relevant stage 3 specs		4		No	WG GERAN4; RAN3	TSG	31-Aug-01	27-Nov-02	0%			12-Sep-01	
437	1685	PS-domain handover for real-time services	QoSPS-PSdoRTS	2		No	WG RAN3	TSG	28-Aug-00	30-Mar-01	100%		RAN_Wis	12-Mar-01	
438	2554	RAB QoS Renegotiation at Relocation		2		No	WG RAN3	TSG	3-Jan-01	23-Mar-01	0%			6-Aug-01	

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439	1993	small Technical Enhancements and Improvements for Rel4	TEI4	1	Rel4	No	Generic	TSG	3-Jan-00	30-Mar-01	100%			1-Apr-00	"Joker" WI, to be used for a Rel 4 CR not related to any feature and with very limited impact on the system
440	400002	Rel-4 Evolutions of the transport in the UTRAN	ETRAN	1	NA	Yes	TSG RAN	TSG	21-Aug-00	23-Aug-02	76%	Carolyn	RAN Wis	17-Nov-00	
441	12	QoS optimisation for AAL2 connections over lub and lur interfaces	ETRAN-QoSAAAL2	2	Rel4	No	WG RAN3	TSG	21-Aug-00	30-Mar-01	100%		RAN Wis	20-Mar-01	
442	1995	Transport bearer modification procedure on lub, lur, and lu	ETRAN-MigrMod	2	Rel4	No	WG RAN3	TSG	2-Oct-00	30-Mar-01	100%		RAN Wis	20-Mar-01	
443	401834	Conformance Test Aspects of Rel-4 evolutions of the transport in UTRAN		2		No	WG T1		25-Feb-02	23-Aug-02	0%			1-Apr-00	
444	2208	Testing RAB support enhancements	CT-RABS?	3		No	WG T1		25-Feb-02	23-Aug-02	0%			10-Dec-01	Requires supporting companies
445	400004	Rel-4 Evolutions of the transport in the CN	CNTRSP	1	NA	Yes	WG CN4		29-May-00	23-Mar-01	100%	Kimmo	not needed	20-Mar-01	WI formulation assigned to N4
446	859	IP Transport of CN protocols (e.g., CAP, MAP)	SS7IP	2	Rel4	No	WG CN4		7-Dec-00	23-Mar-01	100%			20-Mar-01	AS: corrected to Rel4 as stated at SA#10
447	1679	Stage 3	SS7IP	3		No	WG CN4		7-Dec-00	23-Mar-01	100%			13-Mar-01	
448	2018	CAP	SS7IP	4		Yes	WG CN2	WG	7-Dec-00	23-Mar-01	100%			13-Mar-01	
449	2019	MAP	SS7IP	4		No	WG CN4		7-Dec-00	23-Mar-01	100%			12-Mar-01	
450	2253	BSSAP+	SS7IP-BSSAP+	4		No	WG CN1	WG	15-Jan-01	14-Mar-01	100%			12-Mar-01	
451	1513	FS on Transport and control separation in the PS CN domain		2	Rel4	No	WG SA2	TSG	29-May-00	23-Mar-01	100%		SP-000293	19-Sep-01	Rel4 added
452	1615	Architectural impacts		3		No	WG SA2	WG	29-May-00	23-Mar-01	100%			8-Feb-01	
453	401216	Rel-4 Improvements of Radio Interface	RInImp	1	NA	Yes	TSG RAN	TSG	10-Jul-00	14-Mar-03	70%	Shinobu	RAN Wis	11-Oct-01	
454	1509	UTRA repeater specification (master)	RInImp-REP	2	Rel4	No	WG RAN4	TSG	10-Jul-00	21-Mar-01	100%		RAN_Wis	30-Mar-01	
455	1994	DSCH power control improvement in soft handover	RInImp-DSCHsho	2	Rel4	No	WG RAN1	TSG	11-Sep-00	23-Mar-01	100%		RAN_Wis	12-Mar-01	
456	1996	UMTS 1800	RInImp-UMTS18	2	Rel indep	No	WG RAN4	TSG	25-Sep-00	14-Dec-01	100%		RAN_Wis	29-Nov-01	
457	2467	UMTS 1900	RInImp-UMTS19	2	Rel indep	No	WG RAN4	TSG	19-Mar-01	14-Dec-01	100%	Cesar		29-Nov-01	
458	1219	FS on High Speed downlink packet access	RInImp-HSDPA	2		No	WG RAN2	TSG	21-Aug-00	23-Mar-01	100%		RAN_Sis	12-Mar-01	
459	1510	FS on improved common DL channel for Cell-FACH state	RInImp-DLCFACH	2		No	WG RAN2	TSG	11-Sep-00	28-Dec-01	100%		RAN_Sis	24-Jan-02	Stopped at RAN#14

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460	401839	Conformance Test Spec. Rel-4 improvements in Radio Interface		2		No	WG T1		8-Oct-01	14-Mar-03	31%			11-Oct-01	
461	2212	Testing Improved usage of downlink resource in FDD for CCTrCHs of dedicated type		3		No	WG T1		18-Feb-02	30-Aug-02	0%			10-Dec-01	start/finish dates set...
462	2213	Testing Terminal Power saving features		3		No	WG T1		18-Feb-02	30-Aug-02	0%			10-Dec-01	start/finish dates set...
463	2214	Testing DSCH power control improvement in soft handover		3	Rel4	No	WG T1		18-Feb-02	30-Aug-02	0%			28-Feb-02	start/finish dates set...
464	2215	Testing UMTS 1800	RInImp-UMTS18-19	3	Rel indep	No	WG T1	TSG	8-Oct-01	14-Jun-02	100%		TP-020137	26-Sep-02	finish date set
465	41000	Testing UMTS 1900	RInImp-UMTS18-19	3	Rel indep	No	WG T1	TSG	8-Oct-01	14-Jun-02	100%		TP-020137	26-Sep-02	finish date set
466	2561	Testing UMTS 1800 - TTCN	RInImp-UMTS18-19	3	Rel indep	No	WG T1	TSG	17-Jun-02	14-Mar-03	0%		TP-020137	26-Sep-02	finish date set
467	41001	Testing UMTS 1900 - TTCN	RInImp-UMTS18-19	3	Rel indep	No	WG T1	TSG	17-Jun-02	14-Mar-03	0%		TP-020137	26-Sep-02	finish date set
468	400009	Rel-4 RAN improvements	RANimp	1	NA	Yes	TSG RAN	TSG	14-Aug-00	30-Sep-03	40%	Hans	RAN Wis	17-Nov-00	
469	655	Node B synchronisation for TDD	RANimp-NBsync	2	Rel4	No	WG RAN1	TSG	14-Aug-00	23-Mar-01	100%		RAN_Wis	12-Mar-01	
470	2206	RAB support enhancement for Rel-4	RANimp-RABSE	2	Rel4	No	WG RAN2	TSG	21-Aug-00	23-Mar-01	100%		RAN Wis	28-Feb-02	29 Nov 2000: split into ROHC and non-ROHC part; 5 Mar 2001: splitting off of ROHC for Rel-4 agreed by R2
471	401912	Start Testing		2		No	MLST		3-Dec-01	3-Dec-01	0%			9-Apr-02	UID changed
472	402102	Conformance Test Aspects - Rel-4 RAN Improvements		2		No	WG T1		1-Jan-02	30-Sep-03	0%			1-Apr-00	
473	402222	Testing Radio access bearer support enhancements		3		No	WG T1		1-Jan-02	2-Sep-02	0%			9-Apr-02	duration set to 6 months (was 0)...
474	402461	Testing RAB support enhancements-Robust Header Compression	RABimp-RoCH	3	Rel4	Yes	WG T1	TSG	28-May-02	3-Mar-03	0%		TP-020137	26-Sep-02	UID changed
475	41006	Testing RAB support enhancements-Robust Header Compression - TTCN	RABimp-RoCH	3	Rel4	Yes	WG T1	TSG	28-May-02	30-Jun-03	0%		TP-020137	26-Sep-02	UID changed
476	41007	Testing of Extended Robut Header Compression	Ext-RoHC	3	Rel4	No	WG T1	TSG	18-Sep-02	30-Sep-03	0%		TP-020137	26-Sep-02	
477	41008	Testing of Extended Robut Header Compression - TTCN	Ext-RoHC	3	Rel4	No	WG T1	TSG	18-Sep-02	30-Sep-03	0%		TP-020137	26-Sep-02	
478	401652	Rel-4 Emergency call enhancements	EMC1	1	NA	Yes	WG CN1	WG	3-Jan-00	28-May-02	65%	Per		30-May-01	

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479	1654	For CS based calls	EMC1-CS	2	Rel4	No	WG CN1	TSG	3-Jan-00	28-May-02	67%		NP-010136	30-May-01	WI approved in TSG_10...
480	1320	Distinction in CS domain of emergency call types to different emergency services	EMC1-CS	3		No	WG SA1		1-May-00	23-Jun-00	100%			30-Mar-01	
481	1999	Distinction in CS domain of emergency calls to different emergency types	EMC1-CS	3		No	WG CN1		28-Aug-00	26-Sep-00	100%			15-Nov-00	Calls to different emergency services such as ambulance, fire brigade, police, etc. can be routed to respective different emergency centres....
482	402224	Conformance Test Aspects - Emergency call enhancements		3		No	WG T1		3-Jan-00	28-Jul-00	0%			9-Apr-02	UID changed
483	2226	Testing CS based emergency calls	EMC1-CS	3		No	WG T1	TSG	25-Feb-02	28-May-02	100%		TP-020137	26-Sep-02	
484	2563	Testing CS based emergency calls - TTCN	EMC1-CS	3		No	WG T1	TSG	22-Nov-01	28-May-02	100%		TP-020137	26-Sep-02	
485	401826	Rel-4 Terminal interfaces	TI	1	NA	Yes	WG T2		3-Jan-00	15-Mar-01	68%	Friedhelm	not needed	13-Mar-01	
486	1827	AT commands enhancements	TI-ATC	2	Rel4	No	WG T2		3-Jan-00	14-Mar-01	100%			13-Mar-01	
487	1828	Specification of AT commands for new services		3		No	WG T2		3-Jan-00	14-Mar-01	100%			20-Mar-01	goal not completely achieved because of missing input
488	1829	Wide Area Data Synchronisation	TI-WADS	2	NA	Yes	WG T2		3-Jan-00	14-Mar-01	56%			19-Dec-00	AS: Rel5 changed to Rel4 according to SA#10 decision, milestone on testing added
489	1830	Continues evolution of Synchronisation protocol	TI-SYNC-EVOL	3	Rel4	No	WG T2		3-Jan-00	14-Mar-01	100%			20-Mar-01	
490	1832	Terminal local model	TLM	2	Rel4	No	WG T2	TSG	16-May-00	15-Mar-01	100%		TP-000080	14-Sep-01	
491	401536	Rel-4 Location Services enhancements	LCS1	1	NA	Yes	WG SA2	TSG	3-Apr-00	28-Dec-01	75%	Alain	SP-010518	1-Apr-00	
492	2229	CBS interactions	LCS1-CBS	2	Rel4	No	WG T2		3-Apr-00	28-Dec-01	100%			10-Dec-01	
493	523	LCS support in the CS domain	LCS1-CS	2	Rel4	No	WG SA2		15-May-00	19-Jan-01	100%			17-Nov-00	Only MAP impact foreseen so far. To be further split if needed.
494	525	LCS support in the PS domain	LCS1-PS	2	Rel4	No	WG SA2		1-May-00	28-Dec-01	75%			1-Apr-00	

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495	1642	Stage 1	LCS1-PS	3		No	WG SA1		3-Jul-00	25-Aug-00	100%			1-Apr-00	To be also considered: External LCS client identity, and Privacy options when PDP-context and when no PDP-context is established
496	1181	Stage 2	LCS1-PS	3		No	WG SA2		1-May-00	19-Jan-01	100%			13-Dec-00	AS: 23.271 completed at SA#10
497	1180	Stage 3	LCS1-PS	3		No	WG CN1		21-Aug-00	28-Dec-01	100%			10-Oct-01	
498	526	Layer 3 LCS signaling UE (MS) - SGSN (UMTS PS and and GSM-GPRS)	LCS1-PS	4		No	WG CN1		21-Aug-00	28-Dec-01	100%			25-Mar-02	
499	2462	MAP impacts of LCS	LCS1-PS	4		No	WG CN4		21-Aug-00	30-Mar-01	100%			20-Mar-01	Missing work task
500	527	GTP signaling for LCS	LCS1-PS	4		No	WG CN4		21-Aug-00	30-Mar-01	100%			12-Mar-01	
501	401600	UE positioning Rel-4	LCS1-UEpos	2	NA	No	TSG RAN	TSG	3-Apr-00	30-Mar-01	100%		RAN_Wis	9-Apr-02	UID changed
502	1601	Iub/Iur interfaces for methods Rel 99	LCS1-UEpos-IubIur	3	Rel4	No	WG RAN3	TSG	3-Apr-00	30-Mar-01	100%		RAN_Wis	20-Mar-01	27/11: WG corrected; rapporteur corrected
503	1602	UE positioning enhancements - IPDL for TDD	LCS1-UEpos-enh	3	Rel4	No	WG RAN2	TSG	28-Aug-00	23-Mar-01	100%		RAN_Wis	12-Mar-01	5 Mar 2001: splitting off of IPDL for TDD for Rel-4 agreed by R2
504	401560	Rel-4 UICC(U)SIM enhancements and interworking	UICC1	1	NA	Yes	WG T3		24-Jul-00	23-Mar-01	100%	MichaelS	not needed	1-Apr-00	
505	1799	Common PCN Handset Specification (CPHS)	UICC1-CPHS	2	Rel4	No	WG T3	TSG	24-Jul-00	23-Mar-01	100%		TP-000116	28-May-01	28/5/2001: CRs approved at TP-11. WI complete.
506	401800	Rel-4 (U)SIM toolkit enhancements	USAT1	1	NA	Yes	WG T3		5-Jun-00	23-Mar-01	100%	MichaelS	not needed	9-Apr-02	UID changed
507	2034	USAT local link	USAT1-LocLnk	2	Rel4	No	WG T3	TSG	5-Jun-00	23-Mar-01	100%		TP-000155	28-May-01	25/5/2001:CR was approved at TP-11. WI is complete
508	401571	Rel-4 Security enhancements	SEC1	1	NA	No	WG SA3	TSG	3-Jan-00	15-Mar-02	79%	Maurice	SP-000421	10-Dec-01	Added BB UE authentication and rapporteur added. TO BE DELETED
509	1587	Evolution of GSM CS algorithms (e.g. A5/3 development and deployment)	SEC1-CSALGO1	2	Rel4	No	WG SA3	TSG	3-Jan-00	15-Jan-01	34%		SP-000306	10-Dec-01	Algorithm development go-ahead at SA3#21. Scheduled for completion in August 2002?

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510	1588	Evolution of GSM PS algorithms (e.g. GEA 2 deployment)	SEC1-PSALGO1	2	Rel4	No	WG SA3	TSG	22-Feb-00	22-Dec-00	100%		SP-000307	10-Dec-01	A5/3 development will consider new GEA algorithm based on Kasumi.
511	1589	Main aspects	SEC1-PSALGO1	3		No	WG SA3		22-Feb-00	24-Nov-00	100%			10-Dec-01	Complete TSG#09 (09/2000). S3#17: Proposed for deletion. TO BE DELETED
512	1618	Impact on GTP	SEC1-PSALGO1	3		No	WG CN4	WG	20-Mar-00	22-Dec-00	100%			13-Dec-00	
513	1661	GEA capability indication in MS CM	SEC1-PSALGO1-GEACAP	3		No	WG CN1		19-Jun-00	22-Dec-00	100%			15-Nov-00	
514	401583	MAP application layer security	SEC1-MAPAL	2	Rel4	Yes	WG SA3	TSG	3-Jan-00	15-Mar-02	76%			9-Apr-02	TO DELETE: REPLACED BY NDS-MAP and NDS-IP. TO BE DELETED, but replacement NDS-MAP was missing
515	401584	Main aspects	SEC1-MAPAL	3		No	WG SA3	WG	21-Feb-00	29-Mar-01	100%			9-Apr-02	UID changed
516	402025	Other stage 3 aspects	SEC1-MAPAL	3		No	WG CN4	TSG	22-Feb-00	24-Nov-00	100%			9-Apr-02	UID changed
517	401594	CHECK STATUS - Visibility and Configurability of security	SEC1-VCS	3	Rel5	No	WG SA3	TSG	3-Jan-00	15-Mar-02	60%		SP-000305	9-Apr-02	CR approved at SA3#21 awaiting comments from CN1.
518	401142	Rel-4 Charging and OAM&P	OAM	1	NA	No	WG SA5	TSG	1-Dec-00	5-Oct-01	100%	Adrian	SP-010461	24-Jan-02	az: WID appr.SA#13.
519	2089	Rel4 Principles, high level Requirements and Architecture	OAM-AR/PR	2	Rel4	No	WG SA5	TSG	1-Dec-00	21-Jun-01	100%		SP-010461	4-Oct-01	az: WID appr.SA#13.
520	2088	Rel4 Performance Management	OAM-PM	2	Rel4	No	WG SA5	TSG	1-Dec-00	28-Sep-01	100%		SP-010238	24-Jan-02	az: WID appr.SA#12.
521	2081	Fault Management	OAM-FM	2	Rel4	No	WG SA5	TSG	1-Dec-00	5-Oct-01	100%		SP-000524	4-Oct-01	az: WID appr.SA#10.
522	2082	Configuration Management	OAM-CM	2	Rel4	No	WG SA5	TSG	1-Dec-00	21-Jun-01	100%		SP-000524	4-Oct-01	az: WID appr.SA#10.
523	2083	Rel4 Charging Management	OAM-CH	2	Rel4	No	WG SA5	TSG	1-Dec-00	28-Sep-01	100%		SP-000524	4-Oct-01	az: WID appr.SA#10.
524	2071	UTRAN Operations and Maintenance procedures	UOAM	2	Rel4	No	WG SA5	TSG	1-Dec-00	21-Jun-01	100%	Adrian	SP-000524	4-Oct-01	az: WID appr.SA#10.
525	1517	Global Text Telephony	GTT	1	Rel Indep	No	WG SA2	TSG	28-Jun-00	29-Aug-02	84%	Alain	SP-010340	28-Feb-02	SP-000162 agreed WI. Rapporteur...
526	1634	Stage 1	GTT	2		No	WG SA1	TSG	28-Jun-00	16-Mar-01	100%			1-Apr-00	

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527	1519	Stage 2	GTT	2		No	WG SA2	TSG	11-Sep-00	22-Jun-01	100%			24-Jan-02	
528	2234	Specification of Cellular Text telephone Modem	GTT-CTM	2		No	WG SA4		11-Sep-00	19-Mar-01	100%			28-Feb-02	
529	2238	General description and C-code	GTT-CTM	3		No	WG SA4		11-Sep-00	11-Dec-00	100%			28-Feb-02	
530	2237	Minimum Performance requirements	GTT-CTM	3		No	WG SA4		11-Sep-00	19-Mar-01	100%			28-Feb-02	
531	1915	Start Testing	GTT	2		No	MLST		18-Feb-02	18-Feb-02	0%			24-Jan-02	
532	1852	Conformance Test Aspects - Global Text telephony	GTT	2		No	WG T1		1-Mar-02	29-Aug-02	0%			10-Dec-01	Bearer services, new spec document?...
533	0	----- Rel-5 features listed below -----		1	Rel5	No			3-Jan-00	3-Jan-00	0%			24-Jan-02	
534	625	IP transport in the UTRAN	ETRAN-IPtrans	1	Rel5	No	WG RAN3	TSG	17-Jul-00	29-Mar-02	100%		RAN Wis	12-Dec-01	
535	2455	FS on Usage of SUA	SS7IP	1	Rel5	No	WG CN4		12-Mar-01	21-Dec-01	100%		NP-010460	12-Dec-01	update WID...
536	2476	High Speed Downlink Packet Access	HSDPA	1	Rel5	No	WG RAN2	TSG	2-Apr-01	4-Dec-02	96%	Hans	RAN_Wis	10-Dec-01	
537	2477	Physical Layer	HSDPA-Phys	2		No	WG RAN1	TSG	5-Apr-01	29-Mar-02	100%		RP-010262	25-Mar-02	
538	2478	Layer 2 and 3 aspects	HSDPA-L23	2		No	WG RAN2	TSG	5-Apr-01	29-Mar-02	100%		RAN_Wis	28-Feb-02	30 November: Completion date shifted to March 2002
539	2479	Iub/Iur protocol aspects	HSDPA-IubIur	2		No	WG RAN3	TSG	2-Apr-01	29-Mar-02	100%		RP-010262	1-Mar-02	
540	2480	RF Radio Transmission/ Reception, System Performance Requirements and Conformance Testing	HSDPA-RF	2		No	WG RAN4	TSG	9-Apr-01	4-Dec-02	90%		RP-010262	16-Sep-02	
541	501216	Rel-5 Improvements of Radio Interface	RInImp	1	NA	Yes	TSG RAN	TSG	14-Aug-00	30-Aug-02	87%	Shinobu	RAN Wis	11-Oct-01	
542	1471	Base station classification	RInImp-BSCClass	2	Rel5	No	WG RAN4	TSG	14-Aug-00	14-Jun-02	100%		RAN_Wis	3-Oct-01	
543	1477	TDD Base station classification	RInImp-BSCClass-TDD	3		No	WG RAN4	TSG	14-Aug-00	8-Mar-02	100%		RAN_Wis	21-Jun-02	
544	24002	Base Station Classification for 1.28 Mcps TDD option	RInImp-BSCClass-LCRTDD	3		No	WG RAN4	TSG	15-Jun-01	14-Jun-02	100%			21-Jun-02	
545	2469	Enhancement on the DSCH hard split mode	RInImp-DSCHhsp	2	Rel5	No	WG RAN1	TSG	16-Mar-01	29-Mar-02	100%			25-Mar-02	
546	1217	Hybrid ARQ II/III	RInImp-HARQ	2	Rel5	No	WG RAN2	TSG	21-Aug-00	28-Dec-01	100%		RAN_Wis	24-Jan-02	Stopped at RAN#14; work on this task was performed as part of High Speed Downlink Packet Access feature

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547	1221	FS on USTS	RInImp-USTS	2	Rel5	No	WG RAN1	TSG	14-Aug-00	21-Dec-01	100%		RAN_Sis	28-Feb-02	
548	1997	FS on UE antenna efficiency test method performance requirements	RInImp-UEAnTM	2	Rel5	No	WG RAN4	TSG	25-Sep-00	14-Sep-01	100%		RAN_Sis	3-Oct-01	
549	2494	FS on the re-introduction of the downlink SIR measurement	RInImp-SIR	2	Rel5	No	WG RAN4	TSG	12-Mar-01	14-Dec-01	100%	Cesar		29-Nov-01	
550	2493	FS on mitigating the effect of CPICH interference at the UE	RInImp-CPICH_In tf	2	Rel5	No	WG RAN4	TSG	19-Mar-01	8-Mar-02	100%	Cesar		1-Mar-02	
551	1839	Conformance Test Spec. improvements in Radio Interface		2		No	WG T1		18-Feb-02	30-Aug-02	0%			11-Oct-01	
552	2210	Testing improvement of inter-frequency and inter-system measurement		3	Rel5	No	WG T1		18-Feb-02	30-Aug-02	0%			28-Feb-02	start/finish dates set...
553	2211	Testing Hybrid ARQ II/III		3	Rel5	No	WG T1		18-Feb-02	30-Aug-02	0%			28-Feb-02	start/finish dates set...
554	500009	Rel-5 RAN improvements	RANimp	1	NA	Yes	TSG RAN	TSG	16-Mar-01	6-Sep-02	91%	Hans	RAN Wis	21-Jun-02	
555	656	RRM optimization for Iur and Iub	RANimp-RRMopt	2	Rel5	No	WG RAN3	TSG	16-Mar-01	28-Jun-02	100%		RAN_Wis	12-Mar-01	
556	23000	Iur common transport channel efficiency optimisation	RANimp-RRMopt-ctc	3		No	WG RAN3	TSG	16-Mar-01	29-Mar-02	100%			21-Mar-02	
557	23001	Iur neighbouring cell reporting efficiency optimisation	RANimp-RRMopt-ncr	3		No	WG RAN3	TSG	16-Mar-01	29-Mar-02	100%			1-Mar-02	
558	23002	Introduction of direct transport bearers between SRNC and Node-B	RAN-imp-RRMopt-DTB	3		No	WG RAN3	TSG	15-Jun-01	28-Jun-02	100%			16-Sep-02	
559	2488	RL Timing Adjustment	RANimp-RLTA	2	Rel5	No	WG RAN3	TSG	16-Mar-01	29-Mar-02	100%			1-Mar-02	
560	2489	Separation of resource reservation and radio link activation	RANimp-SepRR	2	Rel5	No	WG RAN3	TSG	16-Mar-01	29-Mar-02	100%			1-Mar-02	
561	23003	FS on SRNS Relocation Procedure Enhancement	RANimp-SRNS	2	Rel5	No	WG RAN3	TSG	15-Jun-01	6-Sep-02	100%			16-Sep-02	
562	2490	FS on Improvement of Radio Resource Management across RNS and RNS/PSS	RANimp-ImPRRM	2	Rel5	No	WG RAN3	TSG	16-Mar-01	21-Dec-01	100%			16-Sep-02	
563	2491	Re-arrangements of Iub transport bearers	RANimp-TTPS	2	Rel5	No	WG RAN3	TSG	16-Mar-01	29-Mar-02	100%			1-Mar-02	
564	22000	RAB support enhancement for Rel-5	RANimp-RABSE5	2	Rel5	No	WG RAN2	TSG	2-Apr-01	28-Jun-02	100%		RAN Wis	21-Jun-02	RFC 3095 context relocation
565	21001	Beamforming requirements for UE	RANimp-BFR-UE	2	Rel5	No	WG RAN1	TSG	21-Sep-01	14-Dec-01	100%			28-Feb-02	

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566	21002	Support of Site Selection Diversity Transmission in UTRAN	RANimp-SSDT	2	Rel5	No	WG RAN1	TSG	14-Dec-01	4-Jun-02	100%			21-Jun-02	RP-020356
567	2472	Node B Synchronisation for 1.28 Mcps TDD	RANimp-NBSLCR	2	Rel5	No	WG RAN1	TSG	16-Mar-01	29-Mar-02	100%			25-Mar-02	
568	1912	Start Testing		2		No	MLST		3-Dec-01	3-Dec-01	0%			1-Apr-00	
569	2102	Conformance Test Aspects - RAN Improvements		2		No	WG T1		1-Jan-02	2-Sep-02	0%			1-Apr-00	
570	2222	Testing Radio access bearer support enhancements		3		No	WG T1		1-Jan-02	2-Sep-02	0%			10-Dec-01	duration set to 6 months (was 0)...
571	23004	UTRAN sharing in connected Mode	NETSHARE	1	Rel5	No	WG RAN3		3-Dec-01	6-Sep-02	100%			21-Mar-02	
572	1273	Provisioning of IP-based multimedia services	IMS	1	NA	No	WG SA1	TSG	3-Jan-00	30-Sep-03	75%	MichaelC/A/ain	SP-000216	28-Feb-02	S1 WI proposed S1-000290...
573	1274	Call control and roaming to support IMS in UMTS	IMS-CCR	2	Rel5	No	WG SA2	TSG	3-Jan-00	14-Jun-02	84%		SP-010339	24-Jan-02	
574	1633	Stage 1	IMS-CCR	3		No	WG SA1		21-Feb-00	15-Dec-00	100%			30-Mar-01	Issues include e.g.: Roaming requirements, Requirements on supplementary services, Interworking requirements
575	1514	Stage 2 (Architecture and Main flows)	IMS-CCR	3		No	WG SA2	TSG	14-Apr-00	23-Mar-01	100%		SP-000289	8-Feb-01	Issues include e.g.: Mobile IP, RAB selection principles, Optimized VoIP bearer mechanisms, SIP multimedia protocol
576	1296	Impact on MM/CC/SM	IMS-CCR-IWMM	3		No	WG CN1		28-Aug-00	8-Mar-02	100%		NP-010434	25-Mar-02	Per 26/2-02: This is understood to be the PCO & TFT CRs which CN1 provides to TSGN #15 for approval. If this is correct understanding, then the task is 100 % complete.

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577	2233	SIP Call Control protocol for the IMS	IMS-CCR	3		No	WG CN1	TSG	3-Jan-00	14-Jun-02	88%		NP-010643	24-Jan-02	TSGN_10 approved the change:CN1 - SA2 SIP joint meeting spotted one more place for improvement: work tasks with ID 1998 and 1278 are actually subtasks under of single CN1 WT. One WI has been approved for the CN1 WT with title "SIP Call Control protocol...
578	1998	IMS signalling flows	IMS-CCR	4		No	WG CN1	TSG	2-Oct-00	22-Mar-02	90%			21-Jun-02	TS 24.228...
579	1278	IMS stage 3	IMS-CCR	4		No	WG CN1	TSG	2-Oct-00	22-Mar-02	90%			21-Jun-02	TS 24.229...
580	2255	IMS Session Handling; stage 2	IMS-CCR	4		No	WG CN1	TSG	2-Oct-00	22-Mar-02	100%			28-Feb-02	TS 23.218...
581	10004	Main IETF dependencies		4		No	TSG CN		3-Jan-00	7-Jun-02	91%			NA	
582	2521	IETF: draft-ietf-sip-rfc2543bis (Session Initiation Protocol)		5		No	WG CN1		24-Nov-00	22-Mar-02	100%			25-Mar-02	
583	2523	IETF: draft-sip-100rel		5		No	WG CN1		24-Nov-00	22-Mar-02	100%			25-Mar-02	
584	2522	IETF: draft-sip-manyfolks-resource (Without COMET)(Integration of resource management and SIP)		5		No	WG CN1		24-Nov-00	13-May-02	100%			21-Jun-02	
585	2524	IETF: draft-ietf-sip-privacy (SIP extensions for caller identity and privacy)		5		No	WG CN1		24-Nov-00	13-May-02	90%			30-May-02	
586	2525	IETF: draft-ietf-sip-call-auth (SIP extensions for media authorization)		5		No	WG CN1		24-Nov-00	13-May-02	100%			21-Jun-02	
587	11000	IETF: draft-ietf-sip-events (specific event notification)		5		No	WG CN1		24-Nov-00	22-Mar-02	100%			25-Mar-02	
588	11001	IETF: draft-ietf-sip-refer (refer method)		5		No	WG CN1		24-Nov-00	7-Jun-02	90%			30-May-02	
589	11002	IETF: draft-ietf-dhc-dhcpv6 (DHCP options for SIP servers)		5		No	WG CN1		24-Nov-00	13-May-02	90%			30-May-02	
590	11003	IETF: draft-ietf-sip-replaces (SIP replaces header)		5		No	WG CN1		24-Nov-00	7-Jun-02	90%			30-May-02	
591	11004	IETF: draft-ietf-avt-rtp-amr (AMR and AMR WB RTP and SDP)		5		No	WG CN1		24-Nov-00	22-Mar-02	100%			25-Mar-02	
592	11005	IETF: draft-ietf-mmusic-sdp-new (IPv6 support within SDP)		5		No	WG CN1		3-Jan-00	22-Mar-02	90%			21-Jun-02	[DAB 08-03-02] - Needs to be replaced by mmusic SDP IPv6 + rfc2327
593	11022	IETF: draft-ietf-sip-update		5		No	WG CN1		24-Nov-00	13-May-02	100%			30-May-02	
594	11023	IETF: draft-jennings-sipping-nai (Network Asserted Identity)		5		No	WG CN1		24-Nov-00	13-May-02	90%			30-May-02	

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595	11024	IETF: p-header drafts for 3GPP (Various 3GPP dependencies)		5		No	WG CN1		24-Nov-00	13-May-02	80%			30-May-02	
596	1290	Addressing	IMS-CCR	4		No	WG SA2		9-Oct-00	22-Mar-02	100%			1-Apr-00	
597	1291	Architectural issues	IMS-CCR	5		No	WG SA2		9-Oct-00	31-Aug-01	100%			8-Feb-01	
598	1292	Impact on HSS	IMS-CCR	5		No	WG CN4		15-Nov-00	22-Mar-02	100%			30-May-02	17th May, KK: This is cover by 29.228 & 29228. Work complete.
599	2530	Service Examples	IMS-Sex	4		Yes	WG SA1	TSG	17-Apr-01	14-Jun-02	31%			8-Oct-01	
600	2531	IMS Framework Report	IMS-FrWk	5		Yes	WG SA1	TSG	17-Apr-01	14-Jun-02	50%			28-Feb-02	
601	1298	Access Security for IMS	IMS-ASEC	2	Rel5	No	WG SA3	TSG	25-Jun-01	5-Jul-02	66%		SP-010323	10-Dec-01	TS33.203 will be presented for info at SA#14 and is scheduled for approval at SA#15. Dependencies on IETF exist
602	33000	SA3 task		3		No	WG SA3		25-Jun-01	5-Jul-02	24%			10-Dec-01	SHOULD BE DELETED - COVERED BY REAL S3 TASKS
603	43000	IMS impacts on UICC (ISIM application)		3		No	WG T3		8-Oct-01	21-Jun-02	100%		TP-010251	26-Sep-02	
604	11014	SIP extensions for Integrity protection		3		No	WG CN1		17-Dec-01	28-Jun-02	100%			21-Jun-02	Per 26/2-02: CN1 is not aware of any requirements and is not doing anything on this task.
605	2574	Security Aspects of Requirement for Network Configuration Independence	SEC1-NCI	2	Rel5	No	WG SA3	TSG	2-Jul-01	28-Dec-01	85%		SP-010324	10-Dec-01	Incorporated into IMS access security TS (33.203) which will be presented for info at SA#14 and is scheduled for approval at SA#15. Some editor's notes remain.

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606	1299	Lawful interception	IMS-LI	2	Rel5	Yes	WG SA3	TSG	4-Sep-00	29-Mar-02	10%		SP-010621	10-Dec-01	Rel-5 33.106 and 33.107 approved at SA#12. Revised WID including new Rel-5 specification (33.108) scheduled for approval at SA#14. 33.108 scheduled for approval at SA#15 - but not ready for information at SA#14?
607	35007	Charging and OAM&P for IMS	IMS-OAM	2	Rel5	No	WG SA5	TSG	25-Dec-00	12-Jun-02	100%		SP-010461	21-Jun-02	
608	2036	Multimedia codecs and protocols for conversational PS services	IMS-CODEC	2	Rel5	No	WG SA4	TSG	26-Jul-00	6-Dec-02	65%		SP-000398	25-Mar-02	
609	2039	Codecs		3		No	WG SA4	TSG	26-Jul-00	14-Mar-02	100%		SP-000398	25-Mar-02	
610	34020	Transport protocols	IMS-CODEC	3	Rel5	No	WG SA4		12-Mar-02	12-Mar-02	100%			25-Mar-02	
611	2040	performance characterisation of codec		3		Yes	WG SA4	TSG	2-Oct-00	6-Dec-02	0%		SP-000398	26-Sep-02	DELETED
612	34006	recommendation for QoS parameter values for various media types		3		No	WG SA4	TSG	31-Dec-01	27-Sep-02	80%			26-Sep-02	
613	11025	IETF: draft-ietf-sip-digest-aka		3		No	WG CN1		24-Nov-00	13-May-02	90%			30-May-02	
614	11026	IETF: draft-ietf-sip-sec-agree		3		No	WG CN1		24-Nov-00	13-May-02	90%			30-May-02	
615	32003	SIP message compression		2	Rel5	No	WG SA2		24-Sep-01	7-Jun-02	56%			25-Mar-02	
616	32004	Stage 2		3		No	WG SA2		24-Sep-01	26-Oct-01	100%			24-Nov-01	
617	11015	Compression signalling		3		No	WG CN1		28-Sep-01	7-Jun-02	50%			25-Mar-02	
618	10001	Stage 3 description of IMS interfaces		2	Rel5	No	TSG CN		14-Mar-01	30-Aug-02	94%			24-Jan-02	
619	1286	Cx interface (HSS to CSCF)	IMS-CCR	3		No	WG CN4	TSG	14-Mar-01	7-Jun-02	100%		NP-010626	30-May-02	DAB 12/12/01 to 75%...
620	14997	Mp interface (MRFC - MRFP) enhancements		3		Yes	WG CN4		14-Mar-01	8-Mar-02	100%			30-May-02	[DAB 08-03-02] - No work required in CN4
621	11016	Mw interface (CSCF to P-CSCF)		3		No	WG CN1		14-Mar-01	7-Jun-02	90%			30-May-02	
622	11018	Mr interface (CSCF to MRF)		3		No	WG CN1		14-Mar-01	29-Mar-02	100%			28-Feb-02	
623	14003	Dx interface (I-CSCF to SLF)		3		Yes	WG CN4		14-Mar-01	7-Jun-02	100%			30-May-02	CN4#11 30/11/01: No inputs received in CN4...
624	13001	Go interface (GGSN to PCF)		3		No	WG CN3		14-Mar-01	7-Jun-02	95%			26-Sep-02	[DAB - 30/07/02] - % complete to 95% (if we exclude Diffserv)
625	11019	ISC (IMS Service Control) Interface		3		No	WG CN1		14-Mar-01	7-Jun-02	100%			30-May-02	

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626	14006	Sh interface (HSS to AS)		3		Yes	WG CN4		14-Feb-02	7-Jun-02	100%			30-May-02	CN4#11 30/11/01: No inputs received in CN4...
627	14998	Si interface (HSS to IM-SSF)		3		Yes	WG CN4		16-Jan-02	30-Aug-02	72%			30-May-02	SA16: Part of Rel5 only if completed in September 02
628	11020	Gm interface (UE to CSCF)		3		No	WG CN1		14-Mar-01	7-Jun-02	90%			21-Jun-02	
629	11027	Mi interface (CSCF to BGCF)		3		No	WG CN1		14-Mar-01	7-Jun-02	90%			25-Mar-02	
630	11028	Mj interface (BGCF to MGCF)		3		No	WG CN1		14-Mar-01	7-Jun-02	90%			25-Mar-02	
631	11029	Mk interface (BGCF to BGCF)		3		No	WG CN1		14-Mar-01	7-Jun-02	90%			25-Mar-02	
632	1310	Support of VHE/OSA by entities and protocols of the IMS (e.g. CSCF)	IMS-ONOSA	2	Rel5	Yes	WG CN5	TSG	21-Sep-01	7-Jun-02	100%		NP-010692	21-Jun-02	
633	12000	CAMEL control of IMS services	IMS-CAMEL	2	Rel5	Yes	WG CN2		16-Apr-01	6-Sep-02	87%		NP-020305	21-Jun-02	SA16: Part of Rel5 only if Si completed in September 02
634	12001	Stage2 work 'general'		3		Yes	WG CN2		16-Apr-01	6-Sep-02	95%			26-Sep-02	DAB 12.12.01 split into cn4 and cn2 parts
635	12002	Stage3 work 'CAP'		3		Yes	WG CN2		7-Jan-02	6-Sep-02	90%			26-Sep-02	DAB 12.12.01 split into cn4 and cn2 parts
636	12003	Stage2 work 'Si interface'		3		Yes	WG CN2		7-Jan-02	6-Sep-02	100%			26-Sep-02	DAB 12.12.01 split into cn4 and cn2 parts
637	12004	Stage3 work 'Si interface'		3		Yes	WG CN4		14-Feb-02	7-Jun-02	100%			30-May-02	[DAB 08-03-02] - UID 12004 is MASTER of UID 14998...
638	14004	SDM issues for CAMEL control of IMS		3		Yes	WG CN4		14-Feb-02	7-Jun-02	0%			25-Mar-02	[DAB 08-03-02] - No activity on this in CN4
639	31002	Pre-pay/real-time charging in IMS		2	TBD	No	WG SA1		15-Jun-01	15-Mar-02	60%			28-Feb-02	
640	35005	Charging	OAM-CH	2	Rel5	No	WG SA5	TSG	6-Aug-01	12-Sep-02	70%		SP-010631	21-Jun-02	
641	32006	Charging Implications of IMS architecture		3		No	WG SA2		6-Aug-01	16-Nov-01	100%		SP-010519	28-Feb-02	
642	35006	Charging management for IMS (off-line & on-line)		3		No	WG SA5	TSG	19-Nov-01	12-Sep-02	60%			21-Jun-02	
643	10002	Other IETF dependencies		2	Rel5	No	TSG CN		24-Nov-00	7-Jun-02	70%			25-Mar-02	Was introduced at SA#13 by Ileana Leuca (exact position in the WP and related WG have to be defined)
644	11011	IETF: draft-ietf-aaa-diameter - should be CN4		3		No	TSG CN		24-Nov-00	7-Jun-02	90%			10-Oct-01	
645	11999	IETF: draft-johansson-aaa-diameter-mm-app - should be CN4		3		No	TSG CN		24-Nov-00	7-Jun-02	50%			10-Oct-01	

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646	1913	Start Testing		2	Rel5	No	MLST		18-Mar-02	18-Mar-02	0%			8-Oct-01	
647	1844	Conformance Test Aspects - Provisioning of IMS	IMS-TEST	2		No	WG T1		18-Mar-02	27-Dec-02	0%			10-Dec-01	The task is a building block, individual work items are being considered but are constrained by lack of supporting companies
648	41004	Testing of support for IMS - prose	IMS-TEST	2	Rel5	No	WG T1	TSG	18-Sep-02	31-Mar-03	0%		TP-020246	26-Sep-02	
649	41005	Testing of support for IMS - TTCN	IMS-TEST	2	Rel5	No	WG T1	TSG	18-Sep-02	30-Sep-03	0%		TP-020246	26-Sep-02	
650	34001	Extended Transparent End-to-End PS Streaming Service	PSS-E	1	Rel5	No	WG SA4	TSG	21-Jun-01	6-Dec-02	43%	Paolo	SP-010392	28-Feb-02	
651	34002	Stage 1		2		No	WG SA1	TSG	21-Jun-01	27-Sep-01	100%		SP-010392	25-Mar-02	2nd resp SA4
652	34003	Stage 2 (version Rel5 of TS 26.234)		2		No	WG SA4	TSG	3-Jan-02	14-Mar-02	100%		SP-010392	25-Mar-02	2nd resp SA2
653	34019	RTP usage model		2		No	WG SA4		3-Jan-02	6-Dec-02	5%			30-May-02	
654	501637	Rel-5 OSA enhancements	OSA1	1	NA	Yes	WG SA1	TSG	11-Jul-00	14-Jun-02	82%	Adrian Z	SP-000216	24-Jan-02	
655	32010	General Stage 2 for Rel5		2		No	WG SA2		11-Sep-01	7-Jun-02	33%			30-May-02	
656	1429	OSA APIs for Multimedia Call Control	OSA1-CSCF	2	Rel5	No	WG SA2	TSG	11-Jul-00	7-Jun-02	100%			24-Jan-02	For Rel5 even if completed by March
657	1430	Stage 1	OSA1-CSCF	3		No	WG SA1	TSG	11-Jul-00	14-Mar-02	100%	Michael Clayton		30-May-02	
658	15002	(Multimedia) Call Control - Stages 2 and 3	OSA2	3		No	WG CN5	TSG	11-Sep-01	7-Jun-02	100%			21-Jun-02	
659	15003	Generic user interaction - Stage 3	OSA2	2	Rel5	No	WG CN5	TSG	11-Sep-01	7-Jun-02	100%			21-Jun-02	
660	15004	Charging - Stage 3	OSA2	2	Rel5	No	WG CN5	TSG	11-Sep-01	7-Jun-02	100%			21-Jun-02	
661	15007	Call Control Service Mapping; Multiparty Call Control SIP - Stage 3	OSA2	2	Rel5	No	WG CN5	TSG	11-Sep-01	7-Jun-02	100%			21-Jun-02	
662	15999	WSDL APIs for SOAP/HTTP - Stage 3	OSA2	2	Rel5	No	WG CN5	TSG	11-Sep-00	7-Jun-02	100%			21-Jun-02	
663	1419	OSA security	OSA1-SEC	2	Rel5	No	WG SA3	TSG	11-Jul-00	14-Jun-02	68%		SP-000302	10-Dec-01	CR to correct security specifications in 29.198 scheduled for approval at CN#15
664	2121	Stage 1	OSA1-SEC	3		No	WG SA1	TSG	11-Jul-00	9-Nov-01	100%	Michael Clayton		28-Feb-02	
665	1421	Stage 3	OSA1-SEC	3		No	WG SA3	TSG	23-Oct-00	14-Jun-02	29%			10-Dec-01	??
666	1422	security related SCF(s) definition	OSA1-SEC	3		No	WG CN5	TSG	21-Sep-01	7-Jun-02	100%		NP-010692	21-Jun-02	

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667	1423	(possibly) changes required from supporting platforms, e.g. gsmSCF, HLR	OSA1-SEC	3		No	WG SA3	TSG	11-Sep-00	14-Dec-00	60%			20-Mar-01	
668	401424	Interactions OSA - e-commerce	OSA1-ECOM	2	Rel5	No	WG SA2	TSG	11-Jul-00	7-Jun-02	97%			21-Jun-02	
669	1425	Stage 1	OSA1-ECOM	3		No	WG SA1	TSG	11-Jul-00	14-Mar-02	95%			28-Feb-02	
670	1529	Stages 2 and 3	OSA1-ECOM	3		No	WG CN5	TSG	21-Sep-01	7-Jun-02	100%		NP-010692	21-Jun-02	
671	15005	Policy Management - Stage 3	OSA2	2	Rel5	No	WG CN5	TSG	11-Sep-01	7-Jun-02	100%			26-Sep-02	
672	15006	Presence and Availability Management (PAM) - Stage 3	OSA2	2	Rel5	No	WG CN5	TSG	11-Sep-01	7-Jun-02	100%			26-Sep-02	
673	1786	CHECK STATUS - LCS - OSA interfaces	OSA1-LCSI	2	Rel5	No	WG SA1	TSG	11-Sep-00	7-Jun-02	46%			8-Oct-01	az: CN#13 - changed to Rel5
674	1787	Stage 1	OSA1-LCSI	3		No	WG SA1	TSG	11-Sep-00	8-Dec-00	100%			30-May-02	
675	2124	Stage 2	OSA1-LCSI	3		No	WG SA2	TSG	11-Dec-00	11-Dec-00	100%			6-Jun-01	az 24/05/01: Rel4 completion 90->100%.
676	1788	Stage 3	OSA1-LCSI	3		No	WG CN5	TSG	21-Sep-01	7-Jun-02	100%		NP-010692	21-Jun-02	
677	1638	CAMEL phase 4	CAMEL4	1	Rel5	No	WG SA1	WG	17-Apr-00	6-Sep-02	88%	Andrijana	NP-010541	28-Feb-02	
678	1461	Service requirements	CAMEL4	2		No	WG SA1	WG	17-Apr-00	14-Jun-02	100%			28-Feb-02	
679	2012	Call Party Handling	CAMEL4-CPH	2		No	WG CN2	WG	10-Jul-00	7-Jun-02	100%			30-May-02	
680	2013	Mid call procedure for MO and MT calls	CAMEL4-MCP	2		No	WG CN2	WG	17-Jul-00	7-Jun-02	100%			30-May-02	
681	2014	Interactions with Optimal Routing	CAMEL4-IOR	2		No	WG CN2	WG	17-Jul-00	8-Mar-02	100%			28-Feb-02	
682	2015	Inclusion of flexible tone injection	CAMEL4-IFTI	2		No	WG CN2	WG	17-Jul-00	8-Mar-02	100%			28-Feb-02	
683	2016	CSE control over MT SMS	CAMEL4-CCSMS	2		No	WG CN2	WG	17-Jul-00	8-Mar-02	100%			28-Feb-02	
684	2460	Notification of GPRS mobility management to CSE	CAMEL4-NMM	2		No	WG CN2	WG	2-Mar-01	7-Jun-02	100%			30-May-02	
685	2458	Provision of location information of called subscriber	CAMEL4-LOCB	2		No	WG CN2	WG	2-Mar-01	8-Mar-02	100%			28-Feb-02	
686	2514	Inclusion of ODB data in the CSE_HLR interface	CAMEL4-ODB	2		No	WG CN2	WG	9-Jul-01	8-Mar-02	100%			28-Feb-02	Added on May 29, 2001
687	2515	Location information during an ongoing call (Handover DP)	CAMEL4-HODP	2		No	WG CN2	WG	14-May-01	7-Jun-02	100%			30-May-02	
688	2516	GPRS Any Time Interrogation	CAMEL4-ATI	2		No	WG CN2	WG	9-Jul-01	7-Jun-02	100%			30-May-02	
689	2599	Transfer of IMEI (with SW version) to CSE	CAMEL4-ATI	2		No	WG CN2	WG	9-Jul-01	7-Jun-02	100%			30-May-02	

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690	12005	Handling of partial implementations of CAMEL4	CAMEL4-SUB	2		No	WG CN2	WG	8-Mar-02	6-Sep-02	100%			26-Sep-02	stage2 and stage3 CRs for approval at CN#17
691	2464	Rel-5 MExE enhancements	MEXE5	1	Rel5	No	WG T2	TSG	26-Mar-01	8-Mar-02	100%	Friedhelm		13-Mar-01	
692	2466	MExE Rel-5 Improvements and Investigations	MEXE5-ENHANC	2		No	WG T2	TSG	26-Mar-01	8-Mar-02	100%		TP-010071	21-Mar-02	
693	1625	Wideband Telephony Service - AMR	AMRWB	1	Rel5	No	WG SA4	TSG	1-Jan-00	2-Dec-02	65%	Paolo	SP-99354	28-Feb-02	
694	62	Specification	AMRWB	2		No	WG SA4		1-Jan-00	12-Sep-02	96%			28-Feb-02	
695	31005	Stage 1		3		No	WG SA1		1-Oct-01	22-Mar-02	100%			1-Mar-02	
696	32007	Stage 2		3		No	WG SA4		3-Jan-00	17-Apr-00	100%			28-Feb-02	
697	1459	Design Constraints	AMRWB	4		No	WG SA4		3-Jan-00	7-Feb-00	100%			28-Feb-02	
698	1460	General Description	AMRWB	4		No	WG SA4		7-Feb-00	17-Apr-00	100%			28-Feb-02	
699	1626	Feasibility Study	AMRWB	3		No	WG SA4	TSG	28-Apr-00	2-Jun-00	100%		SP-000024	28-Feb-02	S4,TD SP-000024: TR 26.901 v.4.0.0
700	1656	N1 Aspects	AMRWB	3		No	WG CN1	TSG	21-Sep-01	21-Dec-01	100%			26-Sep-02	Some of N1 tasks: Indication of supported codecs by the MS, Bearer cap negotiation, codec indication to MS.....
701	14005	N4 work	AMRWB	3		No	WG CN4	TSG	13-Feb-02	7-Jun-02	100%		N4-010538	30-May-02	CN4#11 30/11/01: No inputs to CN4 at this meeting...
702	67	Codec issues	AMRWB	3		No	WG SA4		3-Jan-00	12-Sep-02	91%			28-Feb-02	
703	1627	Codec qualification	AMRWB	4		No	WG SA4	TSG	1-Feb-00	30-May-00	100%			28-Feb-02	
704	74	Codec selection tests	AMRWB	4		No	WG SA4		1-Jun-00	20-Oct-00	100%			28-Feb-02	
705	891	Codec selection	AMRWB	4		No	WG SA4		23-Oct-00	27-Oct-00	100%			28-Feb-02	
706	34007	TFO AMR-WB	AMRWB-TFO	4		Yes	WG SA4		18-Dec-01	14-Mar-02	100%			26-Sep-02	
707	890	Other codec issues (verif., characterisation)	AMRWB	4		No	WG SA4		29-Sep-00	7-Jun-02	91%			30-May-02	ANSI C-Code , Test Sequences, Speech Transcoding Functions, Error Concealment of lost frames, Source Controlled Bit-Rate Operation, Voice Activity Detector, Frame Structure
708	34008	AMR-WB and narrowband interworking	AMRWB-IWG	4		No	WG SA4		27-Sep-01	14-Mar-02	100%			28-Feb-02	
709	34009	Interworking with fixed broadband networks	AMRWB-IWG	4		No	WG SA4		27-Sep-01	14-Mar-02	100%			28-Feb-02	
710	34010	Tones and announcements	AMRWB	4		No	WG SA4		27-Sep-01	14-Mar-02	100%			28-Feb-02	
711	34011	WB Conferencing and WB Voice Group calls	AMRWB	4		No	WG SA1		3-Jan-00	3-Jan-00	0%			9-Oct-01	

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712	34012	Billing, accounting and call detail record aspects	AMRWB	4		No	WG SA5		27-Sep-01	12-Sep-02	67%		SP-010631	21-Jun-02	
713	1989	Start Testing	AMRWB	3		No	MLST		25-Feb-02	25-Feb-02	0%			1-Apr-00	
714	1855	Conformance tests (CRs to 34 series)	AMRWB	3		No	WG T1		1-Jan-00	12-Apr-00	100%			25-Mar-02	
715	76	Terminal Acoustic Characteristics	AMRWB	4		No	WG SA4		1-Jan-00	12-Apr-00	100%			1-Apr-00	
716	1628	Definition	AMRWB	5		No	WG SA4	TSG	1-Jan-00	31-Jan-00	100%			28-Feb-02	
717	1629	Test specification	AMRWB	5		No	WG SA4	TSG	1-Feb-00	12-Apr-00	100%			20-Mar-01	
718	34004	Floating-point ANSI-C code for the AMR-WB speech codec	AMRWB-FP	2		No	WG SA4	TSG	25-Sep-01	14-Mar-02	100%		SP-010459	28-Feb-02	
719	80	Support of AMR-WB in GERAN: GMSK and 8PSK WB FR / HR	GAMRWB	2		No	TSG GERAN	TSG	3-Jan-00	28-Jun-02	100%	Paolo	GP-000453	31-Jul-02	
720	50098	Channel coding in 45.003	GAMRWB	3		No	TSG GERAN	TSG	3-Jan-00	5-Apr-02	100%			21-May-02	
721	2266	Signalling for the A interface	GAMRWB	3		No	TSG GERAN	TSG	3-Jan-00	29-Jun-01	100%			12-Sep-01	
722	2267	Signalling for lu	GAMRWB	3		No	TSG GERAN	TSG	3-Jan-00	28-Jun-02	100%			31-Jul-02	
723	2268	Receiver performance in TS 45.005	GAMRWB	3		No	TSG GERAN	TSG	2-Apr-01	28-Jun-02	100%			31-Jul-02	
724	50000	Link Adaptation in 45.009	GAMRWB	3		No	TSG GERAN		26-Mar-01	28-Jun-02	100%			31-Jul-02	
725	2269	GERAN MS conformance test for AMR-WB	GAMRWB	2		No	TSG GERAN	TSG	3-Jan-00	2-Dec-02	0%	Paolo	GP-000454	21-May-02	Not started
726	2270	MS test	GAMRWB	3		No	TSG GERAN	TSG	3-Jan-00	2-Dec-02	0%			21-May-02	
727	2271	GERAN BTS conformance test for AMR-WB	GAMRWB	2		No	TSG GERAN	TSG	3-Jan-00	2-Dec-02	0%	Paolo	GP-000455	21-May-02	Not started
728	2272	BTS test	GAMRWB	3		No	TSG GERAN	TSG	3-Jan-00	2-Dec-02	0%			21-May-02	
729	2573	Terminal local model enhancements	TLM5	1	Rel5	No	WG T2	TSG	14-May-01	20-Mar-02	100%		TP-010224	1-Mar-02	
730	1536	Rel-5 Location Services enhancements	LCS1	1	Rel5	No	WG SA2	TSG	3-Apr-00	30-Dec-02	84%	Alain	SP-010518	1-Apr-00	
731	1600	UE positioning	LCS1-UEpos	2	NA	No	TSG RAN	TSG	15-Jan-01	29-Mar-02	97%		RAN_Wis	20-Mar-01	
732	2474	UE positioning enhancements for 1.28 Mcps TDD	LCS-128Pos	3	Rel5	No	WG RAN2	TSG	9-Apr-01	29-Mar-02	100%		RAN_Wis	28-Feb-02	
733	2125	Open SMLC-SRNC Interface within the UTRAN to support A-GPS Positioning	LCS-INTF	3	Rel5	No	WG RAN2	TSG	15-Jan-01	12-Oct-01	100%		RAN_Wis	24-Jan-02	Finished at RAN#13
734	1171	Event based and Periodic LCS	LCS1-EBP	2	Rel5	No	WG SA1		22-May-00	7-Jun-02	88%			1-Apr-00	

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735	1641	Stage 1	LCS1-EBP	3		No	WG SA1		22-May-00	17-Nov-00	100%			1-Apr-00	Evaluate Event based and Periodic LCS to be included in R00, corresponding Stage 1 description
736	1538	Stage 2 specification	LCS1-EBP	3		No	WG SA2		6-Nov-00	26-Jan-01	51%			17-Nov-00	
737	1179	Impact on MAP	LCS1-EBP	3		No	WG CN4		15-Mar-02	7-Jun-02	100%			30-May-02	Possible impact on UTRAN of LCS quality level request...
738	2436	Location Services for GERAN in A/Gb Mode	LCS-GERAN	2	Rel5	No	TSG GERAN	TSG	3-Apr-00	8-Feb-02	100%	Paolo	GP-011925	12-Sep-01	
739	2437	GERAN LCS Stage 2 (first release)	LCS-GERAN	3		No	TSG GERAN; WG SA2;WG GERAN1; WG GERAN2	TSG	3-Apr-00	8-Feb-02	100%			28-Feb-02	
740	2438	Gb interface support for LCS	LCS-GERAN	3		No	TSG GERAN	TSG	3-Apr-00	31-Aug-01	100%			12-Sep-01	
741	2440	L3 protocol support for LCS	LCS-GERAN	3		No	TSG GERAN	TSG	3-Apr-00	1-Jun-01	100%			12-Sep-01	
742	2441	Stage 3 specifications	LCS-GERAN	3		No	TSG GERAN	TSG	3-Apr-00	1-Jun-01	100%			12-Sep-01	
743	2442	Location Services for GERAN in lu Mode	LCS-GERAN	2	Rel5	No	TSG GERAN	TSG	3-Apr-00	28-Jun-02	100%	Paolo	GP-011926	31-Jul-02	
744	2443	GERAN LCS Stage 2	LCS-GERAN	3		No	TSG GERAN; WG RAN2;WG RAN3;WG SA2;WG GERAN1; WG GERAN2	TSG	3-Apr-00	28-Jun-02	100%			31-Jul-02	

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745	2444	Iu-ps interface support for LCS	LCS-GERAN	3		No	TSG GERAN; WG RAN2;WG RAN3;WG SA2;WG GERAN1; WG GERAN2	TSG	3-Apr-00	28-Jun-02	100%			31-Jul-02	
746	2445	Iu-cs interface support for LCS	LCS-GERAN	3		No	TSG GERAN; WG RAN2;WG RAN3;WG SA2;WG GERAN1; WG GERAN2	TSG	3-Apr-00	28-Jun-02	100%			31-Jul-02	
747	2446	Iur-g interface support for LCS	LCS-GERAN	3		No	TSG GERAN; WG RAN2;WG RAN3;WG SA2;WG GERAN1; WG GERAN2	TSG	23-Jan-02	19-Apr-02	100%			31-Jul-02	FFS
748	2447	RRC protocol support for LCS	LCS-GERAN	3		No	TSG GERAN; WG RAN2;WG RAN3;WG SA2;WG GERAN1; WG GERAN2	TSG	20-Aug-01	30-Nov-01	100%			31-Jul-02	

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749	2448	Additional impacts on Broadcast of LCS data on packet channels	LCS-GERAN	3		No	TSG GERAN; WG RAN2;WG RAN3;WG SA2;WG GERAN1; WG GERAN2	TSG	20-Aug-01	5-Dec-01	100%			31-Jul-02	
750	2449	Stage 3 specifications	LCS-GERAN	3		No	TSG GERAN; WG RAN2;WG RAN3;WG SA2;WG GERAN1; WG GERAN2	TSG	25-Mar-02	28-Jun-02	100%			31-Jul-02	
751	50068	GERAN MS Conformance test for LCS	LCS-GERAN-MSconf	2		No	TSG GERAN		30-Nov-01	2-Dec-02	0%		GP-000458	21-May-02	
752	55069	Develop LCS MS test case work plan (Release 98/99/4)		3		No	WG GERAN4, WG GERAN5		30-Nov-01	2-Dec-02	0%			21-May-02	
753	55070	Develop LCS MS test cases		3		No	WG GERAN4, WG GERAN5		30-Nov-01	2-Dec-02	0%			21-May-02	
754	50069	GERAN BTS Conformance test for LCS	LCS-GERAN-BTSconf	2		No	TSG GERAN		30-Nov-01	2-Dec-02	0%		GP-000459	21-May-02	Not started
755	55071	Develop LCS BTS test case work plan (Release 98/99/4)		3		No	WG GERAN4, WG GERAN5		30-Nov-01	2-Dec-02	0%			21-May-02	
756	55072	Develop LCS BTS test cases		3		No	WG GERAN4, WG GERAN5		30-Nov-01	2-Dec-02	0%			21-May-02	
757	544	LCS interoperation stage 2 aspects		2		No	WG SA2		28-Aug-00	28-Jun-02	17%			17-Nov-00	
758	2434	LCS interoperability aspects to GERAN	LCS-GERAN	2	Rel5	No	TSG GERAN	TSG	28-Aug-00	28-Jun-02	100%	Paolo	GP-000456	31-Jul-02	

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759	2435	Co-ordinated development of GSM LCS Phase 2 and UMTS LCS, S2 and GERAN	LCS-GERAN	3		No	TSG GERAN; WG SA2;WG SA5;WG RAN2;WG RAN3;WG GERAN2; WG GERAN1	TSG	28-Aug-00	28-Jun-02	100%			31-Jul-02	
760	52003	Uplink TDOA feasibility study	LCS-GERAN	2		No	WG GERAN3	TSG	30-Nov-01	19-Apr-02	100%		GP-012794	31-Jul-02	
761	1183	FS on LCS support in the IMS		2		No	WG SA1		12-Feb-01	18-Jan-02	28%			1-Apr-00	
762	35008	Charging and OAM&P for LCS enhancements	LCS1-OAM	2	Rel5	No	WG SA5	TSG	21-Sep-01	28-Jun-02	100%		SP-010461	21-Jun-02	
763	521	New security aspects of LCS (not identified)	LCS1-SEC	2	Rel5	No	WG SA3		14-Apr-00	28-Dec-01	15%		SP-000421	10-Dec-01	14/09/00: End date 28/12/01 WI may need to be split to improve on this date. S3#17 15% complete. No progress since S3#17
764	32011	Specification for the Le Interface	LCS1-Le	2	Rel5	No	WG SA2	TSG	14-Jan-02	15-Mar-02	100%		SP-020180	24-Jan-02	
765	32022	CHECK STATUS - Inter-GMLC interface		2		No	WG SA2		30-May-02	30-Dec-02	0%			30-May-02	
766	501571	Rel-5 Security enhancements	SEC1	1	NA	No	WG SA3	TSG	21-Feb-00	28-Jun-02	52%	Maurice	SP-000421	10-Dec-01	Added BB UE authentication and rapporteur added. TO BE DELETED
767	1576	Network domain security	SEC1-NDS	2	Rel5	Yes	WG SA3	TSG	21-Feb-00	28-Jun-02	51%		SP-000420	10-Dec-01	S3#17: All due in Rel5. (WI Update at S3#18). Replaced by NDS-IP and NDS-MAP
768	1577	Control plane protection in core network (e.g., GTP, CAP, MAP/IP, provided by IPsec)	SEC1-NDS	3		No	WG SA3		12-May-00	7-Jun-02	48%			1-Apr-00	
769	1578	Main aspects	SEC1-NDS	4		No	WG SA3		12-May-00	21-Jun-01	0%			10-Dec-01	TO BE DELETED
770	1579	Integration of GTP signalling security architecture	SEC1-NDS	4		No	WG CN4		14-Sep-01	7-Jun-02	100%			30-May-02	Waiting for input from SA3!...
771	1580	User plane protection in core network (e.g., provided by IPsec)	SEC1-NDS	3		No	WG SA3		21-Feb-00	28-Jun-02	40%			10-Dec-01	TO BE DELETED
772	1581	Main aspects	SEC1-NDS	4		No	WG SA3		21-Feb-00	21-Jun-01	7%			10-Dec-01	??

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773	1582	Integration of GTP signalling security architecture	SEC1-NDS	4		No	WG CN4		14-Sep-01	28-Jun-02	95%			28-Feb-02	14/02/2002 requirements are not clear/not received...
774	2576	IP network layer security (NDS/IP)	SEC1-NDS-IP	3		No	WG SA3	WG	15-Jun-00	15-Mar-02	85%		SP-010326	10-Dec-01	TS 33.210 will be presented for info at SA#14 and is scheduled for approval at SA#15. 2002/12: All IPsec RFCs are stable STD Track RFCs.
775	2243	Intra Domain Connection of RAN Nodes to Multiple CN Nodes	IUFLEX	1	Rel5	No	WG SA2	TSG	2-Oct-00	28-Jun-02	100%	Alain	SP-000619	24-Jan-02	No clear indication on the end date. Put to Rel5 by AS.
776	2244	Overall System Architecture	IUFLEX	2		No	WG SA2	TSG	3-Jan-01	21-Sep-01	100%			19-Sep-01	
777	20000	Stage 3: RAN node selecting CN node	IUFLEX	2		No	WG RAN3	TSG	24-Sep-01	22-Mar-02	100%			1-Mar-02	Not identified
778	2248	N1 work	IUFLEX	2		No	WG CN1	TSG	17-Sep-01	28-Jun-02	100%		NP-010693	26-Sep-02	
779	2249	N4 work	IUFLEX	2		No	WG CN4	TSG	2-Oct-00	8-Mar-02	100%		NP-000737	25-Mar-02	DAB 12.12.01 - % complete to 66%...
780	50067	GERAN work for Intra Domain Connection of RAN Nodes to Multiple CN Nodes	IDCRAN-GERAN	2	Rel5	No	TSG GERAN		8-Feb-02	28-Jun-02	100%		GP-020492	26-Sep-02	Accept changes Gb over IP
781	51068	Stage 2 (changes to)		3		No	WG GERAN1		8-Feb-02	28-Jun-02	100%			31-Jul-02	
782	51069	43.051 Introduction of support for IDNNS in GERAN lu mode		3		No	WG GERAN1		8-Feb-02	28-Jun-02	100%			31-Jul-02	
783	52070	Stage 3 (changes to)		3		No	WG GERAN2		8-Feb-02	28-Jun-02	100%			31-Jul-02	
784	52077	48.016 Use of Gb interface concepts when a network applies IDNNS		3		No	WG GERAN2		8-Feb-02	28-Jun-02	100%			31-Jul-02	Closed, accept changes for Gb over IP
785	52078	48.018 Include MSC/VLR identity in CS IMSI paging		3		No	WG GERAN2		8-Feb-02	28-Jun-02	100%			31-Jul-02	
786	2320	GERAN improvements 3 (new transport layer on interface A)	GEIMP3	1	Rel5	No	TSG GERAN	TSG	6-Apr-01	20-Dec-02	0%	Paolo	GP-010909	26-Sep-02	BellSouth, Vodafone, Mannesmann, Telia, T-Mobil
787	2321	Evolution of the transport for A	GEIMP3-EtA	2		No	TSG GERAN	TSG	6-Apr-01	20-Dec-02	0%	Paolo	GP-010910	26-Sep-02	BellSouth, Vodafone, Mannesmann, Telia, T-Mobil
788	2322	Definition of a new A/Ater interface Transport Layer option based on the lu Interface Transport Layer		3		No	TSG GERAN	TSG	6-Apr-01	20-Dec-02	0%			26-Sep-02	

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789	2323	Adaptation of the Layer 3 BSSMAP procedures as required		3		No	TSG GERAN	TSG	6-Apr-01	20-Dec-02	0%			26-Sep-02	
790	501142	Rel-5 Charging and OAM&P	OAM	1	NA	No	WG SA5	TSG	10-Sep-01	12-Sep-02	73%	Adrian	SP-010461	21-Jun-02	
791	35002	Rel5 Principles, high level Requirements and Architecture	OAM-AR/PR	2	Rel5	No	WG SA5	TSG	17-Sep-01	28-Jun-02	100%		SP-010461	21-Jun-02	
792	35003	Rel5 Performance Management	OAM-PM	2	Rel5	No	WG SA5	TSG	17-Sep-01	12-Sep-02	75%		SP-010631	21-Jun-02	az: Changed Rapporteur
793	35004	Rel5 Charging Management	OAM-CH	2	Rel5	No	WG SA5	TSG	10-Sep-01	12-Sep-02	68%		SP-010631	21-Jun-02	
794	35001	Rel5 Network Infrastructure Management	OAM-NIM	2	Rel5	No	WG SA5	TSG	21-Sep-01	12-Sep-02	55%		SP-010461	21-Jun-02	
795	2392	GERAN enhancements for streaming services 1 (RLC enhancements)		1	Rel5	No	TSG GERAN		6-Nov-00	28-Jun-02	100%	Paolo	GP--010429	31-Jul-02	
796	2394	Concept		2		No	TSG GERAN		6-Nov-00	31-Oct-01	100%			31-Jul-02	
797	2395	RLC protocol enhancement (SDU Discard)		2		No	TSG GERAN		6-Nov-00	28-Jun-02	100%			31-Jul-02	
798	2396	GERAN enhancements for streaming services 2 (usage of ECSD)		1	Rel5	No	TSG GERAN		6-Nov-00	28-Jun-02	83%	Paolo	GP-010430	31-Jul-02	AWS, Nokia, Ericsson, Nortel, Siemens, Motorola, Vodafone
799	2398	Usage of ECSD Concept		2		No	TSG GERAN		6-Nov-00	19-Apr-02	100%			31-Jul-02	
800	2399	Stage 2		2		No	TSG GERAN		6-Nov-00	19-Apr-02	100%			31-Jul-02	
801	2400	Stage 3		2		No	TSG GERAN		6-Nov-00	28-Jun-02	100%			31-Jul-02	
802	2401	RLC PDU formats		2		No	TSG GERAN		6-Nov-00	28-Jun-02	100%			31-Jul-02	
803	2402	MAC header		2		No	TSG GERAN		6-Nov-00	28-Jun-02	100%			31-Jul-02	
804	2412	GERAN/UTRAN interface evolution 1 (evolution of Iu PS)	GERUEV 1	1	Rel5	No	TSG GERAN; WG RAN3		1-Sep-00	28-Jun-02	100%	Paolo	GP-010481	31-Jul-02	SBC, Motorola, Nokia, Ericsson, Nortel
805	2413	Evolution of Iu ps	GERUEV 1-IuPS	2		No	TSG GERAN; WG RAN3		1-Sep-00	28-Jun-02	100%			31-Jul-02	
806	2414	Identification of GERAN requirements on Iu ps		3		No	TSG GERAN; WG RAN3		1-Sep-00	30-Nov-01	100%			21-May-02	

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807	2415	Update of specifications		3		No	TSG GERAN; WG RAN3		3-Dec-01	28-Jun-02	100%			31-Jul-02	
808	2416	GERAN/UTRAN interface evolution 2 (evolution of lu CS)	GERUEV 2	1	Rel5	No	TSG GERAN; WG RAN3		1-Sep-00	28-Jun-02	100%	Paolo	GP-010417	31-Jul-02	
809	2417	Evolution of lu cs	GERUEV 2-luCS	2		No	TSG GERAN; WG RAN3		1-Sep-00	28-Jun-02	100%	Paolo	GP-000430	31-Jul-02	Lucent, Ericsson, AWS, Nortel
810	2418	Identification of GERAN requirements on lu cs		3		No	TSG GERAN; WG RAN3		1-Sep-00	19-Apr-02	100%			31-Jul-02	
811	2419	Update of specifications		3		No	TSG GERAN; WG RAN3		1-Sep-00	28-Jun-02	100%			31-Jul-02	
812	2556	End to End QoS for PS Domain including IMS	E2EQoS	1	Rel5	No	WG SA2	TSG	28-Aug-00	28-Jun-02	97%	Alain	SP-010343	11-Oct-01	
813	2557	E2E QoS Concept and Architecture		2		No	WG SA2	TSG	3-Jan-01	7-Sep-01	100%			24-Nov-01	
814	2558	E2E QoS interworking	E2EQoS-IW	2		No	WG CN3	WG	28-Aug-00	7-Jun-02	95%		NP-010528	26-Sep-02	[DAB - 30/07/02] - % complete to 95% (if we exclude Diffserv)
815	2559	QoS Management (Provisioning and Monitoring)	E2EQoS-OAM	2		No	WG SA5	TSG	21-Sep-01	28-Jun-02	100%		SP-010461	21-Jun-02	
816	2569	Messaging enhancements Rel-5	MESS5	1	Rel5	No	WG T2	TSG	15-Jun-01	7-Jun-02	56%	Friedhelm		13-Mar-01	support of UAProf, so this in my opinion is 100% complete
817	2571	Multimedia Messaging (MMS) enhancements	MESS5-MMS	2		No	WG T2	TSG	15-Jun-01	7-Jun-02	55%		TP-010130	26-Sep-02	
818	31000	Definition of service requirements	MESS5-SR	3	Rel5	No	WG SA1		15-Jun-01	15-Mar-02	90%			28-Feb-02	
819	42000	Technical realization		3		No	WG T2		15-Jun-01	7-Jun-02	95%			28-Feb-02	stage 3 MM7 is missing
820	42008	WAP Forum dependency: MM1 stage 3		3		No	WG T2		15-Jun-01	7-Jun-02	30%			26-Sep-02	
821	34018	MMS formats and codecs		3		No	WG SA4		3-Dec-01	15-Mar-02	100%			28-Feb-02	
822	2572	Enhanced Messaging Service (EMS) enhancements	MESS5-EMS	2		No	WG T2	TSG	15-Jun-01	8-Mar-02	46%		TP-010153	10-Dec-01	
823	31001	Definition of service requirements		3		No	WG SA1		15-Jun-01	14-Sep-01	20%			28-Feb-02	
824	42001	Technical realization		3		No	WG T2		15-Jun-01	8-Mar-02	100%			28-Feb-02	

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825	50001	GERAN Inter BSC NACC improvements over the Gb Interface	GERNAC C	1	Rel5	No	TSG GERAN		3-Sep-01	28-Jun-02	100%	Paolo	GP-012313	31-Jul-02	
826	14501	Modification of core network protocols for GERAN Inter BSC NACC over Gb Interface	GERNAC C-Cnmod	2		No	WG CN4;WG SA2		3-Sep-01	19-Apr-02	100%		GP-011877	31-Jul-02	
827	32502	Stage 2 - Concept		3		No	WG CN4;WG SA2		3-Sep-01	31-Oct-01	100%			31-Jul-02	
828	14502	Stage 2 - 23.060 change - Definition of Inter BSC NACC		3		No	WG CN4;WG SA2		3-Sep-01	19-Apr-02	100%			31-Jul-02	
829	14503	Stage 3 (changes to TS 29.060)		3		No	WG CN4		3-Sep-01	8-Mar-02	100%			31-Jul-02	IP 30/11/01: Input awaited from GERAN2 to CN4...
830	50002	Modification of Gb protocols for GERAN Inter BSC NACC over Gb Interface	GERNAC C-Gbmod	2		No	TSG GERAN		30-Nov-01	28-Jun-02	100%		GP-012314	31-Jul-02	
831	50003	Stage 3 (changes to TS 48.018)		3		No	TSG GERAN		30-Nov-01	28-Jun-02	100%			31-Jul-02	
832	50033	Enhanced Power Control	EPC	1	Rel5	No	TSG GERAN		26-Nov-01	20-Dec-02	1%		GP-012748	10-Dec-01	
833	50034	Realization of Enhanced power control and signaling support		2		No	TSG GERAN		26-Nov-01	30-Nov-01	100%		GP-012749	10-Dec-01	
834	50035	GERAN MS Conformance test for Enhanced Power Control		2		No	TSG GERAN		10-Dec-01	20-Dec-02	0%		GP-012750	31-Jul-02	
835	50036	GERAN BTS Conformance test for Enhanced Power Control		2		No	TSG GERAN		10-Dec-01	20-Dec-02	0%		GP-012751	31-Jul-02	
836	50037	8PSK AMR HR	8PSK-AH	1	Rel5	No	TSG GERAN		10-Dec-01	20-Dec-02	70%	Paolo	GP-012752	31-Jul-02	
837	50038	Definition of channel coding, performance requirements and signaling support		2		No	TSG GERAN		10-Dec-01	28-Jun-02	100%		GP-012753	31-Jul-02	
838	50061	Concept		3		No	TSG GERAN		10-Dec-01	28-Jun-02	100%			31-Jul-02	
839	52004	Changes to 44.018		3		No	WG GERAN2		10-Dec-01	28-Jun-02	100%			31-Jul-02	
840	51025	Changes to 45.001		3		No	WG GERAN1		10-Dec-01	28-Jun-02	100%			31-Jul-02	
841	51026	Changes to 45.002		3		No	WG GERAN1		10-Dec-01	28-Jun-02	100%			31-Jul-02	
842	51027	Changes to 45.003		3		No	WG GERAN1		10-Dec-01	28-Jun-02	100%			31-Jul-02	
843	51028	Changes to 45.005		3		No	WG GERAN1		10-Dec-01	28-Jun-02	100%			31-Jul-02	
844	52005	Changes to 24.008		3		No	WG GERAN2		10-Dec-01	28-Jun-02	100%			31-Jul-02	

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845	52006	Changes to 48.058		3		No	WG GERAN2		10-Dec-01	28-Jun-02	100%			31-Jul-02	
846	50039	GERAN MS Conformance test for 8PSK HR		2		No	TSG GERAN		10-Dec-01	20-Dec-02	0%		GP-012754	31-Jul-02	
847	50040	GERAN BTS Conformance test for 8PSK HR		2		No	TSG GERAN		10-Dec-01	20-Dec-02	0%		GP-012755	31-Jul-02	
848	13000	Service Change and UDI Fallback	SCUDIF	1	Rel5	No	WG CN3	WG	8-Oct-01	7-Jun-02	100%	David	NP-010570	30-May-02	[DAB - 17/05/02] - % complete to 100% - push end to June 02, (will be complete with approval of CRs in NP#16)
849	501800	Rel-5 (U)SIM toolkit enhancements	USAT1	1	NA	Yes	WG T3		5-Jun-00	26-Sep-03	48%	MichaelS	not needed	1-Dec-00	
850	43002	Test specification for (U)SIM toolkit security mechanims		2		No	WG T3		28-May-02	26-Sep-03	0%		TP-020028	4-Jun-02	
851	1801	Protocol Standardisation of a SIM Toolkit Interpreter	USAT1-Interpr	2	Rel5	No	WG T3	TSG	5-Jun-00	22-Jan-03	64%		TP-000116	28-May-01	28/5/2001: T3-19 proposed that since the stage 2 and 3 will not be presented to TP-12 for approval as expected, the WI will be moved to rel-5, with completion expected at TP-13.
852	2497	Stage 1		3		No	WG T3	TSG	5-Jun-00	16-Mar-01	100%			5-Oct-01	5/10/2001: Stage one comepeted at TP-12.
853	2496	Stage 2 and 3		3		No	WG T3	TSG	3-Jan-01	8-Mar-02	100%			4-Jun-02	5/10/2001: TS 31.112 and 31.113 approved at TP-13. TS 31.114 to be presented to TP-14.
854	2518	Test specification		3		No	WG T3	TSG	3-Sep-01	22-Jan-03	12%		TP-010111	4-Jun-02	5/10/2001: Work started on test specification
855	501802	UICC API	USAT1-API	2	NA	Yes	WG T3		25-Sep-00	27-Sep-02	36%			12-Mar-01	8/3/2001: test spec is based on R99 core spec, so deleted from Workplan
856	502031	C SIM API	USAT1-API-MULTOS	3	Rel5	No	WG T3	TSG	25-Sep-00	27-Sep-02	36%		TP-000155	4-Jun-02	
857	502032	Specification	USAT1-API-MULTOS	4		No	WG T3	TSG	25-Sep-00	27-Sep-02	50%		TP-000155	4-Jun-02	30/12/2000: completion amount updated

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858	502033	Test specification	USAT1-API-MULTOS	4		No	WG T3	TSG	1-Jan-01	28-Sep-01	0%		TP-000155	1-Apr-00	
859	501802	(U)SIM API	USAT1-API	2	NA	Yes	WG T3		20-Mar-02	20-Sep-02	100%			26-Sep-02	8/3/2001: test spec is based on R99 core spec, so deleted from Workplan
860	5043001	Java API Test specification		3		No	WG T3		20-Mar-02	20-Sep-02	100%		TP-020029	26-Sep-02	
861	30001	small Technical Enhancements and Improvements for Rel5	TEI5	1	Rel5	No	Generic	TSG	25-Dec-00	22-Mar-02	100%			1-Apr-00	"Joker" WI, to be used for a Rel 5 CR not related to any feature and with very limited impact on the system
862	31013	Technical Report on UE Functionality Split	UESPLIT	1	Rel5	No	WG SA1	TSG	3-Jan-00	1-May-00	0%	Michael C	SP-010484	11-Oct-01	
863	2520	User Equipment Management	UEM	1	NA	No	WG SA5	TSG	21-Jun-01	28-Jun-02	100%	Adrian	SP-010286	21-Jun-02	az: Rel-5->NA (to cover also Rel-6)
864	35000	FS on User Equipment (UE) Management	OAM-UEM	2	Rel5	No	WG SA5	TSG	21-Jun-01	28-Jun-02	100%	Adrian	SP-010286	21-Jun-02	