

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

AMAZON.COM, INC. and AMAZON.COM SERVICES LLC,
Petitioner

v.

NOKIA TECHNOLOGIES OY,
Patent Owner

Case No. IPR2024-00572
U.S. Patent No. 7,724,818

PATENT OWNER'S EXHIBIT LIST

Pursuant to 37 C.F.R. § 42.63(e), Patent Owner Nokia Technologies OY submits a current listing of exhibits to counsel for Petitioners Amazon.com, Inc. and Amazon.com Services LLC. Confidential Nokia Exhibits 2478-2479 are being filed today.

LIST OF EXHIBITS

Ex.	Title
2001	Declaration of Dr. Omid Kia
2002	<i>Curriculum Vita</i> of Dr. Omid Kia
2003	Coding of Parameter Sets (“JVT-C078”)
2004	Coding of Parameter Sets Annex A – Slice Layer Changes Relative to JVT WD2r7 (“JVT-C078 Annex A”)
2005	Draft Report of Fairfax Meeting (“JVT-C001d3”)
2006	Modifications to High-Level Syntax and Semantics (“JVT-D094”)
2007	Draft Report of Klagenfurt Meeting (“JVT-D001d0”)
2008	High -Level Syntax, Semantics, and Decoder Process (“JVT-D145”)
2009	Declaration of Miska Hannuksela
2010	Declaration of Ye-Kui Wang
2011	Supplemental Declaration of Dr. Omid Kia in Support of Patent Owner Response
2012	Supplemental Declaration of Miska Hannuksela
2013	Declaration of Karsten Suehring

Ex.	Title
2014	Software Coordination work around implementation of parameter sets in 2003
2015	Deposition Transcript of Dr. Clifford Reader
2016	Deposition Transcript of June Ann Munford
2017	Deposition Transcript of Dr. Eli Saber
2018	Draft Report of Klagenfurt Meeting version 1 (“JVT-D001d1”)
2019	Draft Report of Klagenfurt Meeting version 2 (“JVT-D001d2”)
2020	Joint Committee Draft (“JVT-C167”)
2021	Puri, Atul, Xuemin Chen, and Ajay Luthra. “Video Coding Using the H.264/MPEG-4 AVC Compression Standard.” <i>Signal Processing: Image Communication</i> , vol. 19, no. 9 (October 2004): 793-849.
2022	H.264 Standard (5/2003)
2023	Wiegand, Thomas, Gary J. Sullivan, Gisle Bjøntegaard, and Ajay Luthra. “Overview of the H.264/AVC Video Coding Standard.” <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , vol. 13, no. 7 (July 2003): 560-576.
2024	Sullivan, Gary J., and Thomas Wiegand. “Video Compression—From Concepts to the H.264/AVC Standard.” <i>Proceedings of the IEEE</i> , vol. 93, no. 1 (January 2005): 18-31.
2025	H.265 Standard (12/2016)
2026	Joint Final Committee Draft (JFCD) of Joint Video Specification (“JVT-D157”)
2027	Changes log for Joint Model Reference Software
2028	Joint Model Reference Software Source Code File (jm50h-suehring) – parsetcommon.h
2029	Joint Model Reference Software Source Code File (jm50h-suehring) – parsetcommon.c

Ex.	Title
2030	Joint Model Reference Software Source Code File (jm50h-suehring) – parset.c
2031	Joint Model Reference Software Source Code File (jm50h-suehring) – contributors.h
2032	Joint Model Reference Software Source Code File (jm50h-suehring) – global.h
2033	Joint Model Reference Software Source Code File (jm50h-suehring) – header.c
2034	Joint Model Reference Software Source Code File (jm50h-suehring) – image.c
2035	Joint Model Reference Software Source Code File (jm50h-suehring) – ldecode.c
2036	Initial Determination on Violation of Section 337 and Recommended Determination on Remedy and Bond, Investigation No. 337-TA-1380 (Public Version)
2037	Releases of H.264 Reference Software
2038	Luthra, Ajay, Gary J. Sullivan, and Thomas Wiegand. “Introduction to the Special Issue on the H.264/AVC Video Coding Standard.” <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , vol. 13, no. 7 (July 2003): 557-559.
2039	Stockhammer, Thomas, and Miska M. Hannuksela. “H.264/AVC Video for Wireless Transmission.” <i>IEEE Wireless Communications</i> , vol. 12, no. 4 (August 2005): 6-13.
2040	Declaration of Sylvia D. Hall-Ellis, Ph.D.
2041	Wenger, Stephan. “H.264/AVC Over IP.” <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , vol. 13, no. 7 (July 2003): 645-656.
2042	Excerpt of Opening Expert Witness Report of Dr. James Storer Regarding Invalidity of U.S. Patent Nos. 7,724,818 and 8,077,991

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2043	Transcript of ITC Investigation No. 337-TA-1380, Evidentiary Hearing, September 9-13, 2024 (Open Sessions)
2044	Overview of the H.264/AVC Video Coding Standard Powerpoint Presentation, available at https://www.slideserve.com/tbrehm/overview-of-the-h-264-avc-video-coding-standard-powerpoint-ppt-presentation
2045	Overview of the H.264/AVC Powerpoint Presentation, available at https://slideplayer.com/slide/5000067/
2046	NVIDIA H.264-H.265 Implementation. available at https://docs.nvidia.com/drive/drive_os_5.1.6.1L/nvlib_docs/index.html#page/DRIVE_OS_Linux_SDK_Development_Guide/NvMedia/nvmedia_concept_video.html
2047	Intel Media Developers Guide, available at https://www.intel.com/content/dam/develop/external/us/en/documents/intel-media-developers-guide-720530.pdf
2048	Email Records of Karsten Suehring – [jvt-experts] JVT-C078 - miska.hannuksela@nokia.com - 2002-05-02 0215.eml
2049	Email Records of Karsten Suehring – [jvt-experts] JVT-D091 ... JVT-D101 uploaded - miska.hannuksela@nokia.com - 2002-07-17 0301.eml
2050	Email Records of Karsten Suehring – JM reference software bug fix release JM 3.9a - Karsten Suehring (suehring@hhi.de) - 2002-07-30 1548.eml
2051	Email Records of Karsten Suehring – [jvt-experts] AHG on Production of Video Test Sequences - Tobias Oelbaum (oelbaum@ei.tum.de) - 2002-07-31 1359.eml
2052	Email Records of Karsten Suehring – [jvt-experts] Software schedule priorities - 'Boyce Jill (Princeton)' (BoyceJ@tce.com) - 2002-07-31 2111.eml
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2054	Email Records of Karsten Suehring – [jvt-experts] Software implementation schedule - Detlev Marpe (marpe@hhi.de) - 2002-08-02 1515.eml
2055	Email Records of Karsten Suehring – FCD_software_impl_schedule.doc.doc
2056	Email Records of Karsten Suehring – [jvt-experts] RE Software implementation schedule - 'Boyce Jill (Princeton)' (BoyceJ@tce.com) - 2002-08-02 1638.eml
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2058	Email Records of Karsten Suehring – FCD_software_impl_schedule_r1.doc.doc
2059	Email Records of Karsten Suehring – [jvt-experts] Re JVT ref. sw. 4.0c two questions - karl lillevold (karll@real.com) - 2002-08-13 2256.eml
2060	Email Records of Karsten Suehring – [jvt-experts] Re JVT ref. sw. 4.0c two questions - Karsten Suehring (suehring@hhi.de) - 2002-08-13 2326.eml
2061	Email Records of Karsten Suehring – [jvt-experts] JVT ref. sw. 4.0c two questions - iole moccagatta (imoccaga@lsil.com) - 2002-08-13 2209.eml
2062	Email Records of Karsten Suehring – [jvt-experts] decoder assertion error - Ken Lin (kklin@apple.com) - 2002-08-13 2251.eml
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2068	Email Records of Karsten Suehring – Re [jvt-experts] RE Software implementation schedule - miska.hannuksela@nokia.com - 2002-08-14 1102.eml
2069	Email Records of Karsten Suehring – [jvt-experts] Re frame_field adaptive at picture level in FCD and JM4.0c - Indrajit Chakrabarty (indritya@yahoo.com) - 2002-08-16 0315.eml
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2078	Email Records of Karsten Suehring – [jvt-experts] RE On B picture (again ..) - 'Alexis M. Tourapis' (alexis@msrchina.research.microsoft.com) - 2002-08-17 1820.eml
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2080	Email Records of Karsten Suehring – [jvt-experts] RE Software implementation schedule - Ye-Kui Wang (wyk@ieee.org) - 2002-08-18 1254.eml
2081	Email Records of Karsten Suehring – [jvt-experts] Re Sample Q in 4x4 intra - Greg Conklin (gregc@real.com) - 2002-08-19 1857.eml
2082	Email Records of Karsten Suehring – [jvt-experts] RE Special (Funny) Position Test - Shun-ichi Sekiguchi (koufum@isl.melco.co.jp) - 2002-08-19 0547.eml
2083	Email Records of Karsten Suehring – [jvt-experts] Re AW Re Special (Funny) Position ad-hoc group - Kazushi SATO (kazushi@av.crl.sony.co.jp) - 2002-08-19 1237.eml
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2085	Email Records of Karsten Suehring – [jvt-experts] Re Sample Q in 4x4 intra - Greg Conklin (gregc@real.com) - 2002-08-19 1857.eml

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2086	Email Records of Karsten Suehring – [jvt-experts] Intra16x16 Prediction Mode 3 - Dongning Li (dongning.li@ntlworld.com) - 2002-08-19 2131.eml
2087	Email Records of Karsten Suehring – [jvt-experts] New JM Software _ Schedule _ Implementor needed - Karsten Suehring (suehring@hhi.de) - 2002-08-20 1217.eml
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2089	Email Records of Karsten Suehring – FCD_software_impl_schedule_r3.doc.doc
2090	Email Records of Karsten Suehring – Error in MAX_QP value in reference software - Anthony Joch (anthony@ubvideo.com) - 2002-08-21 2037.eml
2091	Email Records of Karsten Suehring – [jvt-experts] MV prediction for frame_field coding - iole moccagatta (imoccaga@lsil.com) - 2002-08-28 0250.eml
2092	Email Records of Karsten Suehring – [jvt-experts] Re Special (Funny) Position ad-hoc group - Yoshinori Suzuki (yosinori@crl.hitachi.co.jp) - 2002-08-28 0455.eml
2093	Email Records of Karsten Suehring – [jvt-experts] IPR statements for parent bodies - Gary Sullivan (garysull@microsoft.com) - 2002-08-28 2243.eml
2094	Email Records of Karsten Suehring – [jvt-experts] RE decoding of intra prediction mode for field MB - 'Gomila Cristina (Princeton)' (GomilaC@tce.com) - 2002-08-28 2253.eml
2095	Email Records of Karsten Suehring – [jvt-experts] RE IPR statements for parent bodies - Chiariglione Leonardo (Leonardo.Chiariglione@TILAB.COM) - 2002-08-28 2254.eml

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2096	Email Records of Karsten Suehring – [jvt-experts] RE Special (Funny) Position ad-hoc group - 'Benzler Ulrich (FV_SLM) ' (Ulrich.Benzler@de.bosch.com) - 2002-08-29 0944.eml
2097	Email Records of Karsten Suehring – [jvt-experts] reference software bug Intra Prediction (yunsung@lge.com) - 2002-08-30 0617.eml
2098	Email Records of Karsten Suehring – [jvt-experts] Re decoding of intra prediction mode for field MB - iole moccagatta (imoccaga@lsil.com) - 2002-08-30 2026.eml
2099	Email Records of Karsten Suehring – [jvt-experts] Re MV prediction for frame_field coding - iole moccagatta (imoccaga@lsil.com) - 2002-08-30 2032.eml
2100	Email Records of Karsten Suehring – [jvt-experts] AW Mixed intra_inter macroblocks - 'List, Peter' (Peter.List@t-systems.com) - 2002-09-02 1718.eml
2101	Email Records of Karsten Suehring – [jvt-experts] RE AW Mixed intra_inter macroblocks - Thomas Wiegand (wiegand@hhi.de) - 2002-09-02 1726.eml
2102	Email Records of Karsten Suehring – [jvt-experts] RE Strange stuff in the JM - 'Alexis M. Tourapis' (alexis@msrchina.research.microsoft.com) - 2002-09-02 1725.eml
2103	Email Records of Karsten Suehring – [jvt-experts] Corrections in the JVT-D157.doc - LORAS Frédéric FTRD_DMI_ISS (frederic.loras@rd.francetelecom.com) - 2002-09-03 1621.eml
2104	Email Records of Karsten Suehring – [jvt-experts] RE Strange stuff in the JM - 'Alexis M. Tourapis' (alexis@msrchina.research.microsoft.com) - 2002-09-03 1551.eml
2105	Email Records of Karsten Suehring – [jvt-experts] nicholas lau wrote Re Picture Order Count (POC) - 'Barry G. Haskell' (b.haskell@ieee.org) - 2002-09-04 1837.eml

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2106	Email Records of Karsten Suehring – [jvt-experts] Picture Order Count (Temporal Distance) - nicholas lau (nicholas_lcy@hotmail.com) - 2002-09-04 0456.eml
2107	Email Records of Karsten Suehring – [jvt-experts] Intra Plane Prediction for Luma16x16 and chroma blocks - 'Landaïs Frederic (Princeton)' (LandaïsF@tce.com) - 2002-09-05 1633.eml
2108	Email Records of Karsten Suehring – [jvt-experts] JM Implementation of Constrained Intra Prediction for B-frames - Toby Walker (tobyw@usrl.sony.com) - 2002-09-05 2043.eml
2109	Email Records of Karsten Suehring – [jvt-experts] Re Intra Plane Prediction for Luma16x16 and chroma blocks - eric.viscito@conexant.com - 2002-09-05 2005.eml
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2111	Email Records of Karsten Suehring – [jvt-experts] RE Intra Plane Prediction for Luma16x16 and chroma blocks - 'Landaïs Frederic (Princeton)' (LandaïsF@tce.com) - 2002-09-05 2131.eml
2112	Email Records of Karsten Suehring – [jvt-experts] Re JM Implementation of Constrained Intra Prediction for B-frames - Ye-Kui Wang (wyk@ieee.org) - 2002-09-05 2302.eml
2113	Email Records of Karsten Suehring – [jvt-experts] Re Picture Order Count (Temporal Distance) - Barry Haskell (bhaskell@apple.com) - 2002-09-05 2105.eml
2114	Email Records of Karsten Suehring – [jvt-experts] Re Picture Order Count (Temporal Distance) - nicholas lau (nicholas_lcy@hotmail.com) - 2002-09-05 0434.eml
2115	Email Records of Karsten Suehring – [jvt-experts] RE Strange stuff in the JM - Rickard Sjöberg (EAB) (Rickard.Sjoberg@era.ericsson.se) - 2002-09-05 1540.eml

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2116	Email Records of Karsten Suehring – [jvt-experts] Sliding window reference picture management - Paul Bright-Thomas (pbt@siroyan.com) - 2002-09-05 1750.eml
2117	Email Records of Karsten Suehring – [jvt-experts] Re Picture Order Count (Temporal Distance) - Barry Haskell (bhaskell@apple.com) - 2002-09-06 2113.eml
2118	Email Records of Karsten Suehring – [jvt-experts] Re Picture Order Count (Temporal Distance) - nicholas lau (nicholas_lcy@hotmail.com) - 2002-09-06 0407.eml
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2120	Email Records of Karsten Suehring – [jvt-experts] Re JM Implementation of Constrained Intra Prediction for B-frames - Toby Walker (tobyw@usrl.sony.com) - 2002-09-09 1833.eml
2121	Email Records of Karsten Suehring – [jvt-experts] Re JM Implementation of Constrained Intra Prediction for B-frames - Ye-Kui Wang (wyk@ieee.org) - 2002-09-09 1849.eml
2122	Email Records of Karsten Suehring – [jvt-experts] Re Picture Order Count (Temporal Distance) - Barry Haskell (bhaskell@apple.com) - 2002-09-09 1823.eml
2123	Email Records of Karsten Suehring – [jvt-experts] Re Picture Order Count (Temporal Distance) - nicholas lau (nicholas_lcy@hotmail.com) - 2002-09-09 0951.eml
2124	Email Records of Karsten Suehring – [jvt-experts] Special (Funny) position + MC memory analysis adhoc group - Luthra Ajay-MGI1164 (aluthra@motorola.com) - 2002-09-09 1744.eml
2125	Email Records of Karsten Suehring – [jvt-experts] Level constraints_limits on the number of MVs and block sizes - Shawn Zhong (szhong@broadcom.com) - 2002-09-10 2106.eml

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2126	Email Records of Karsten Suehring – [jvt-experts] RE IPR statements for parent bodies - Gary Sullivan (garysull@microsoft.com) - 2002-09-10 0250.eml
2127	Email Records of Karsten Suehring – [jvt-experts] Re JM Implementation of Constrained Intra Prediction for B-frames - Ye-Kui Wang (wyk@ieee.org) - 2002-09-10 0824.eml
2128	Email Records of Karsten Suehring – [jvt-experts] Re Picture Order Count (Temporal Distance) - nicholas lau (nicholas_lcy@hotmail.com) - 2002-09-10 0401.eml
2129	Email Records of Karsten Suehring – [jvt-experts] Re Special (Funny) position + MC memory analys is adhoc group - Luthra Ajay-MGI1164 (aluthra@motorola.com) - 2002-09-10 1820.eml
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2131	Email Records of Karsten Suehring – [jvt-experts] Re Special (Funny) position + MC memory analysis adhoc group - Gary Sullivan (garysull@microsoft.com) - 2002-09-10 2029.eml
2132	Email Records of Karsten Suehring – [jvt-experts] Re Special (Funny) position + MC memory analysis adhoc group - Kazushi SATO (kazushi@av.crl.sony.co.jp) - 2002-09-10 0729.eml
2133	Email Records of Karsten Suehring – [jvt-experts] Re Special (Funny) position + MC memory analysis adhoc group - Shun-ichi Sekiguchi (koufum@isl.melco.co.jp) - 2002-09-10 0615.eml
2134	Email Records of Karsten Suehring – [jvt-experts] RE Special (Funny) position + MC memory analysis adhoc group - Yoshinori Suzuki (yosinori@crl.hitachi.co.jp) - 2002-09-10 2007.eml
2135	Email Records of Karsten Suehring – [jvt-experts] About the modification of chroma motion vector in field mode - 'Nakagawa, Akira' (anaka@flab.fujitsu.co.jp) - 2002-09-11 1448.eml

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2137	Email Records of Karsten Suehring – [jvt-experts] Re [sony-jvt] Re Special (Funny) position + MC memory analys is adhocgroup - Kazushi SATO (kazushi@av.crl.sony.co.jp) - 2002-09-11 0523.eml
2138	Email Records of Karsten Suehring – [jvt-experts] Re Level constraints_ limits on the number of M Vs and block sizes - Shawn Zhong (szhong@broadcom.com) - 2002-09-11 0405.eml
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2141	Email Records of Karsten Suehring – [jvt-experts] Re Level constraints_ limits on the number of MVs and block sizes - Yoichi Yagasaki (yagasaki@av.crl.sony.co.jp) - 2002-09-11 0313.eml
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2143	Email Records of Karsten Suehring – [jvt-experts] Re Special (Funny) position + MC memory analys is adhocgroup - Shun-ichi Sekiguchi (koufum@isl.melco.co.jp) - 2002-09-11 0515.eml
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2145	Email Records of Karsten Suehring – [jvt-experts] Re Special (Funny) position + MC memory analysis adhocgroup - Shun-ichi Sekiguchi (koufum@isl.melco.co.jp) - 2002-09-11 0350.eml

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2146	Email Records of Karsten Suehring – [jvt-experts] MC memory analysis Test conditions - Luthra Ajay-MGI1164 (aluthra@motorola.com) - 2002-09-12 1902.eml
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2148	Email Records of Karsten Suehring – [jvt-experts] RE AHG Kick-off [jvt-asic] Alternate scan, Verification, and Interlaced chroma - Gary Sullivan (garysull@microsoft.com) - 2002-09-12 2302.eml
2149	Email Records of Karsten Suehring – [jvt-experts] RE more on Picture Order Count (POC) - Barry Haskell (bhaskell@apple.com) - 2002-09-12 1806.eml
2150	Email Records of Karsten Suehring – [jvt-experts] RE Software for Chroma Vector Shift - Gary Sullivan (garysull@microsoft.com) - 2002-09-12 2112.eml
2151	Email Records of Karsten Suehring – [jvt-experts] RE Special (Funny) position + MC memory analysis is a dhocgroup - Gary Sullivan (garysull@microsoft.com) - 2002-09-12 2320.eml
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2154	Email Records of Karsten Suehring – [jvt-experts] Re Special (Funny) position + MC memory analysis is adhoc group - Stephan Wenger (stewe@cs.tu-berlin.de) - 2002-09-12 0403.eml
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2157	Email Records of Karsten Suehring – [jvt-experts] Re Special Position Test conditions - Luthra Ajay-MGI1164 (aluthra@motorola.com) - 2002-09-12 1934.eml
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2159	Email Records of Karsten Suehring – [jvt-experts] Software for Chroma Vector Shift - 'Nakagawa, Akira' (anaka@flab.fujitsu.co.jp) - 2002-09-12 0612.eml
2160	Email Records of Karsten Suehring – [jvt-experts] Special (Funny) position + MC memory analysis is adhoc group - Luthra Ajay-MGI1164 (aluthra@motorola.com) - 2002-09-12 0245.eml
2161	Email Records of Karsten Suehring – [jvt-experts] Special Position Test conditions - Luthra Ajay-MGI1164 (aluthra@motorola.com) - 2002-09-12 1731.eml
2162	Email Records of Karsten Suehring – [jvt-experts] coding of variable pictures size - iole moccagatta (imoccaga@lsil.com) - 2002-09-13 2243.eml
2163	Email Records of Karsten Suehring – [jvt-experts] Fwd Re [jvt_vlc_adhoc] CAVLC for ABT - Karl Lillevold (karll@real.com) - 2002-09-13 1925.eml
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2186	Email Records of Karsten Suehring – [jvt-experts] RE Special position + MC memory analysis adhoc group - 'Sandy (Alexander) MacInnis' (macinnis@broadcom.com) - 2002-09-14 2108.eml
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2188	Email Records of Karsten Suehring – [jvt-experts] RE Special position + MC memory analysis adhoc group - Kazushi SATO (kazushi@av.crl.sony.co.jp) - 2002-09-15 1047.eml
2189	Email Records of Karsten Suehring – [jvt-experts] Intra prediction and MB fld_frame adaptive - Adrian Wise (awise@siroyan.com) - 2002-09-16 1754.eml
2190	Email Records of Karsten Suehring – [jvt-experts] RE [jvt-CABAC] Proposed work items - Krishna Ratakonda (ratakond@us.ibm.com) - 2002-09-16 2126.eml
2191	Email Records of Karsten Suehring – [jvt-experts] Is motion comp extension at pic border in FCD - 'Borgwardt, Peter Arthur' (peter.borgwardt@videotele.com) - 2002-09-16 2159.eml
2192	Email Records of Karsten Suehring – [jvt-experts] RE [jvt-CABAC] Proposed work items - Lowell Winger (lwinger@videolocus.com) - 2002-09-16 2054.eml
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2194	Email Records of Karsten Suehring – [jvt-experts] Re FW No provision for 1_2 pel - iole moccagatta (imoccaga@lsil.com) - 2002-09-16 1936.eml
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2196	Email Records of Karsten Suehring – [jvt-experts] Re FW No provision for 1_2 pel - 'Kerofsky, Louis' (lkerofsky@sharplabs.com) - 2002-09-16 1846.eml
2197	Email Records of Karsten Suehring – [jvt-experts] Re Special position + MC memory analysis adhoc group - vittorio (vittorio@fub.it) - 2002-09-16 0801.eml
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2202	Email Records of Karsten Suehring – [jvt-experts] Re Special position + MC memory analysis adhoc group - vittorio (vittorio@fub.it) - 2002-09-16 0419.eml
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2206	Email Records of Karsten Suehring – [jvt-experts] [jvt-experts]Level constraints_limits on the number of MVs and block sizes - Shawn Zhong (szhong@broadcom.com) - 2002-09-17 2317.eml
2207	Email Records of Karsten Suehring – [jvt-experts] RE [jvt-CABAC] Proposed work items - Krishna Ratakonda (ratakond@us.ibm.com) - 2002-09-17 0510.eml
2208	Email Records of Karsten Suehring – [jvt-experts] RE Is motion comp extension at pic border in FCD - eric.viscito@conexant.com - 2002-09-17 2216.eml
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2211	Email Records of Karsten Suehring – [jvt-experts] RE Special position + MC memory analysis adhoc group - Shun-ichi Sekiguchi (koufum@isl.melco.co.jp) - 2002-09-17 0737.eml
2212	Email Records of Karsten Suehring – [jvt-experts] RE Special position + MC memory analysis adhoc group - Stephan Wenger (stewe@cs.tu-berlin.de) - 2002-09-17 0832.eml
2213	Email Records of Karsten Suehring – [jvt-experts] Re [avc_ce] RE New HD test sequences - Yoichi Yagasaki (yagasaki@av.crl.sony.co.jp) - 2002-09-17 1123.eml
2214	Email Records of Karsten Suehring – [jvt-experts] FW Re Special (Funny) Position ad-hoc group - Tom McMahon (tlm@demografx.com) - 2002-09-18 0206.eml
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2218	Email Records of Karsten Suehring – [jvt-experts] RE Software Implementation Status _ New JM Reference Software - Thomas Wiegand (wiegand@hhi.de) - 2002-09-18 1809.eml
2219	Email Records of Karsten Suehring – [jvt-experts] RE Special position + MC memory analysis adhoc group - Jani.Lainema@nokia.com - 2002-09-18 1640.eml
2220	Email Records of Karsten Suehring – [jvt-experts] RE Special position + MC memory analysis adhoc group - Kazushi SATO (kazushi@av.crl.sony.co.jp) - 2002-09-18 0946.eml
2221	Email Records of Karsten Suehring – [jvt-experts] RE Special position + MC memory analysis adhoc group - Luthra Ajay-MGI1164 (aluthra@motorola.com) - 2002-09-18 0344.eml
2222	Email Records of Karsten Suehring – [jvt-experts] RE Special position + MC memory analysis adhoc group - 'Boyce Jill (Princeton)' (BoyceJ@tce.com) - 2002-09-18 0000.eml
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2226	Email Records of Karsten Suehring – Software Implementation Status _ New JM Reference Software - Karsten Suehring (suehring@hhi.de) - 2002-09-18 1731.eml
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2229	Email Records of Karsten Suehring – [jvt-experts] RE Software Implementation Status _ New JM Reference Software - Thomas Wiegand (wiegand@hhi.de) - 2002-09-18 1809.eml
2230	Email Records of Karsten Suehring – [jvt-experts] RE Software Implementation Status _ New JM Reference Software - Luthra Ajay-MGI1164 (aluthra@motorola.com) - 2002-09-19 0103.eml
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2232	Email Records of Karsten Suehring – [jvt-experts] Re [avc_ce] RE New HD test sequences - Yoichi Yagasaki (yagasaki@av.crl.sony.co.jp) - 2002-09-19 1236.eml
2233	Email Records of Karsten Suehring – [jvt-experts] JVT-E022d7 editorial related question for skip-mode - Lowell Winger (lwinger@videolocus.com) - 2002-09-20 2133.eml
2234	Email Records of Karsten Suehring – [jvt-experts] MB AFF - some more results - Luthra Ajay-MGI1164 (aluthra@motorola.com) - 2002-09-20 1857.eml
2235	Email Records of Karsten Suehring – [jvt-experts] RE Maximum bits per macroblock - 'Kerofsky, Louis' (lkerofsky@sharplabs.com) - 2002-09-20 2255.eml

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2236	Email Records of Karsten Suehring – [jvt-experts] RE Motion Vector prediction - 'Alexis M. Tourapis' (alexis@msrchina.research.microsoft.com) - 2002-09-20 1914.eml
2237	Email Records of Karsten Suehring – [jvt-experts] RE Special position + MC memory analysis adho c group - Luthra Ajay-MGI1164 (aluthra@motorola.com) - 2002-09-20 2359.eml
2238	Email Records of Karsten Suehring – [jvt-experts] RE Maximum bits per macroblock - 'Kerofsky, Louis' (lkerofsky@sharplabs.com) - 2002-09-23 1857.eml
2239	Email Records of Karsten Suehring – [jvt-experts] RE Maximum bits per macroblock - 'List, Peter' (Peter.List@t-systems.com) - 2002-09-23 1030.eml
2240	Email Records of Karsten Suehring – [jvt-experts] RE Special position + MC memory analysis adho c group - 'Benzler Ulrich (FV_SLM) ' (Ulrich.Benzler@de.bosch.com) - 2002-09-23 1751.eml
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2242	Email Records of Karsten Suehring – [jvt-experts] RE Special position + MC memory analysis adhoc group - Shun-ichi Sekiguchi (koufum@isl.melco.co.jp) - 2002-09-24 0434.eml
2243	Email Records of Karsten Suehring – [jvt-experts] RE Special position + MC memory analysis adhoc group - Yoshinori Suzuki (yosinori@crl.hitachi.co.jp) - 2002-09-24 0415.eml
2244	Email Records of Karsten Suehring – [jvt-experts] Question about chroma_location_flag - Hidenobu Miyoshi (h-miyoshi@jp.fujitsu.com) - 2002-09-25 1017.eml
2245	Email Records of Karsten Suehring – [jvt-experts] Re Interlace feature to progressive sequences. - Aharon Gill (aharon@zoran.co.il) - 2002-09-25 1736.eml

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2246	Email Records of Karsten Suehring – [jvt-experts] Re Interlace feature to progressive sequences. - Sherman Chen (schen@broadcom.com) - 2002-09-25 1715.eml
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2251	Email Records of Karsten Suehring – [jvt-experts] RE Reference Picture Buffer fragmentation - Anthony Joch (anthony@ubvideo.com) - 2002-09-25 2011.eml
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2253	Email Records of Karsten Suehring – [jvt-experts] Reference Picture Buffer fragmentation - 'Kerofsky, Louis' (lkerofsky@sharplabs.com) - 2002-09-25 1950.eml
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2262	Email Records of Karsten Suehring – [jvt-experts] RE Special position + MC memory analysis adhoc group - Jani.Lainema@nokia.com - 2002-09-27 2039.eml
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2270	Email Records of Karsten Suehring – [jvt-experts] Re Question about ABP in JM 4.2 - Shinya Kadono (kadono@drl.mei.co.jp) - 2002-09-28 0450.eml
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2272	Email Records of Karsten Suehring – [jvt-experts] RE Special position + MC memory analysis adho c group - Luthra Ajay-MGI1164 (aluthra@motorola.com) - 2002-09-28 0412.eml
2273	Email Records of Karsten Suehring – [jvt-experts] Re Direct mode motion vectors in B slices - Byeong-Moon Jeon (jeonbm@lge.com) - 2002-09-29 1202.eml
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2282	Email Records of Karsten Suehring – [jvt-experts] RE Special position + MC memory analysis adhoc group - Jani.Lainema@nokia.com - 2002-09-30 2344.eml
2283	Email Records of Karsten Suehring – [jvt-experts] RE Special position + MC memory analysis adhoc group - 'Benzler Ulrich (FV_SLM) ' (Ulrich.Benzler@de.bosch.com) - 2002-09-30 1432.eml
2284	Email Records of Karsten Suehring – [jvt-experts] RE Special position + MC memory analysis adhoc group - Jani.Lainema@nokia.com - 2002-09-30 1736.eml

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2285	Email Records of Karsten Suehring – [jvt-experts] RE Special position + MC memory analysis adho c group - Kazushi SATO (kazushi@av.crl.sony.co.jp) - 2002-09-30 0408.eml
2286	Email Records of Karsten Suehring – [jvt-experts] RE Special position + MC memory analysis adho c group - Luthra Ajay-MGI1164 (aluthra@motorola.com) - 2002-09-30 1728.eml
2287	Email Records of Karsten Suehring – [jvt-experts] RE Special position + MC memory analysis adho c group - Luthra Ajay-MGI1164 (aluthra@motorola.com) - 2002-09-30 1804.eml
2288	Email Records of Karsten Suehring – [jvt-experts] RE Special position + MC memory analysis adho c group - Shun-ichi Sekiguchi (koufum@isl.melco.co.jp) - 2002-09-30 0326.eml
2289	Email Records of Karsten Suehring – [jvt-experts] RE Special position + MC memory analysis adho cgroup - Yoshinori Suzuki (yosinori@crl.hitachi.co.jp) - 2002-09-30 0346.eml
2290	Email Records of Karsten Suehring – [jvt-experts] Interlaced video demos for JVT meeting - Gary Sullivan (garysull@microsoft.com) - 2002-10-01 2011.eml
2291	Email Records of Karsten Suehring – [jvt-experts] RE [jvt_vlc_adhoc] CAVLC for ABT - iole moccagatta (imoccaga@lsil.com) - 2002-10-01 0402.eml
2292	Email Records of Karsten Suehring – [jvt-experts] RE [jvt_vlc_adhoc] CAVLC for ABT - iole moccagatta (imoccaga@lsil.com) - 2002-10-01 0415.eml
2293	Email Records of Karsten Suehring – [jvt-experts] RE [jvt_vlc_adhoc] CAVLC for ABT - Luthra Ajay-MGI1164 (aluthra@motorola.com) - 2002-10-01 0357.eml
2294	Email Records of Karsten Suehring – [jvt-experts] RE [jvt_vlc_adhoc] CAVLC for ABT - TK Tan (tktan@spg.yrp.nttdocomo.co.jp) - 2002-10-01 0259.eml

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2295	Email Records of Karsten Suehring – [jvt-experts] RE [jvt_vlc_adhoc] CAVLC for ABT - TK Tan (tktan@spg.yrp.nttdocomo.co.jp) - 2002-10-01 0635.eml
2296	Email Records of Karsten Suehring – [jvt-experts] RE [jvt_vlc_adhoc] CAVLC for ABT - Yoichi Yagasaki (yagasaki@av.crl.sony.co.jp) - 2002-10-01 0149.eml
2297	Email Records of Karsten Suehring – [jvt-experts] Re [sony-jvt] RE Maximum bits per macroblock - Yoichi Yagasaki (yagasaki@av.crl.sony.co.jp) - 2002-10-01 0040.eml
2298	Email Records of Karsten Suehring – [jvt-experts] Re JVT-E022d7ncm.doc, A.7 Effect of level limits on frame rate (informative) - Gary Sullivan (garysull@microsoft.com) - 2002-10-01 0505.eml
2299	Email Records of Karsten Suehring – [jvt-experts] Re JVT-E022d7ncm.doc, A.7 Effect of level limits on frame rate (informative) - Aharon Gill (aharon@zoran.co.il) - 2002-10-01 1009.eml
2300	Email Records of Karsten Suehring – [jvt-experts] Re JVT-E022d7ncm.doc, A.7 Effect of level limits on frame rate (informative) - Gary Sullivan (garysull@microsoft.com) - 2002-10-01 0321.eml
2301	Email Records of Karsten Suehring – [jvt-experts] Re JVT-E022d7ncm.doc, A.7 Effect of level limits on frame rate (informative) - 'Rodriguez, Arturo A' (Arturo.Rodriguez@sciatl.com) - 2002-10-01 0029.eml
2302	Email Records of Karsten Suehring – [jvt-experts] Re JVT-E022d7ncm.doc, A.7 Effect of level limits on frame rate (informative) - 'Rodriguez, Arturo A' (Arturo.Rodriguez@sciatl.com) - 2002-10-01 0431.eml
2303	Email Records of Karsten Suehring – [jvt-experts] Re JVT-E022d7ncm.doc, A.7 Effect of level limits on frame rate (informative) - Allen Pulsifer (pulsifer@attbi.com) - 2002-10-01 1330.eml

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2304	Email Records of Karsten Suehring – [jvt-experts] Re JVT-E022d7ncm.doc, A.7 Effect of level limits on frame rate (informative) - Gary Sullivan (garysull@microsoft.com) - 2002-10-01 2019.eml
2305	Email Records of Karsten Suehring – [jvt-experts] RE Special position + MC memory analysis adhoc group - Luthra Ajay-MGI1164 (aluthra@motorola.com) - 2002-10-01 1804.eml
2306	Email Records of Karsten Suehring – [jvt-experts] RE Special position + MC memory analysis adhoc group - Luthra Ajay-MGI1164 (aluthra@motorola.com) - 2002-10-01 1804-2.eml
2307	Email Records of Karsten Suehring – [jvt-experts] RE Special position + MC memory analysis adhoc group - Jani.Lainema@nokia.com - 2002-10-01 1638.eml
2308	Email Records of Karsten Suehring – [jvt-experts] RE Special position + MC memory analysis adhoc group - Shun-ichi Sekiguchi (koufum@isl.melco.co.jp) - 2002-10-01 1150.eml
2309	Email Records of Karsten Suehring – [jvt-experts] RE Special position + MC memory analysis adhoc group - Shun-ichi Sekiguchi (koufum@isl.melco.co.jp) - 2002-10-01 1153.eml
2310	Email Records of Karsten Suehring – [jvt-experts] RE [jvt_vlc_adhoc] CABAC syntax for ABT - Lowell Winger (lwinger@videolocus.com) - 2002-10-02 2102.eml
2311	Email Records of Karsten Suehring – [jvt-experts] C o r r e c t i o n of reference selection in I fields - 'Nakagawa, Akira' (anaka@flab.fujitsu.co.jp) - 2002-10-03 1455.eml
2312	Email Records of Karsten Suehring – [jvt-experts] question on default weighting for bi-prediction - 'Borgwardt, Peter Arthur' (peter.borgwardt@videotele.com) - 2002-10-03 0017.eml

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2313	Email Records of Karsten Suehring – [jvt-experts] question on direct mode - 'Borgwardt, Peter Arthur' (peter.borgwardt@videotele.com) - 2002-10-03 0027.eml
2314	Email Records of Karsten Suehring – [jvt-experts] RE Correction of reference selection in I fields - Gary Sullivan (garysull@microsoft.com) - 2002-10-03 2003.eml
2315	Email Records of Karsten Suehring – [jvt-experts] RE Skip mode vector question - Steve Gordon (stevegordon@sandvideo.com) - 2002-10-03 1706.eml
2316	Email Records of Karsten Suehring – [jvt-experts] RE Skip mode vector question - Steve Gordon (stevegordon@sandvideo.com) - 2002-10-03 2004.eml
2317	Email Records of Karsten Suehring – [jvt-experts] upload of JVT-E030 Verif. of Ref Frame Select. for Skip & MV Pred - Lowell Winger (lwinger@videolocus.com) - 2002-10-04 1502.eml
2318	Email Records of Karsten Suehring – [jvt-experts] upload of JVT-E037 HD Temporal Direct-Mode Verification & Text - Lowell Winger (lwinger@videolocus.com) - 2002-10-04 1500.eml
2319	Email Records of Karsten Suehring – [jvt-experts] CABAC ad hoc group report E009 uploaded - Guido Heising (heising@hhi.de) - 2002-10-04 1801.eml
2320	Email Records of Karsten Suehring – [jvt-experts] JVT E120 and E121 have been uploaded - TK Tan (tktan@spg.yrp.nttdocomo.co.jp) - 2002-10-04 2204.eml
2321	Email Records of Karsten Suehring – [jvt-experts] JVT-E026_E27_E28_E63 uploaded - 'Alexis M. Tourapis' (alexis@msrchina.research.microsoft.com) - 2002-10-04 1902.eml
2322	Email Records of Karsten Suehring – [jvt-experts] JVT-E054 'Start Code Lengths, Again' uploaded - Dave Lindbergh (lindbergh@92F1.com) - 2002-10-04 2124.eml

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2323	Email Records of Karsten Suehring – [jvt-experts] JVT-E055 - A 'Do not overscan' bit - has been uploaded - Dave Lindbergh (lindbergh@92F1.com) - 2002-10-04 2125.eml
2324	Email Records of Karsten Suehring – [jvt-experts] JVT-E057 WITHDRAWN (Parameter Set ID Ranges) - Dave Lindbergh (lindbergh@92F1.com) - 2002-10-04 2132.eml
2325	Email Records of Karsten Suehring – [jvt-experts] JVT-E058 uploaded - 'Benzler Ulrich (FV_SLM) ' (Ulrich.Benzler@de.bosch.com) - 2002-10-04 1843.eml
2326	Email Records of Karsten Suehring – [jvt-experts] JVT-E060, E061, and E062 have been uploaded - 'Boyce Jill (Princeton)' (BoyceJ@tce.com) - 2002-10-04 2352.eml
2327	Email Records of Karsten Suehring – [jvt-experts] JVT-E067 uploaded - 'Borgwardt, Peter Arthur' (peter.borgwardt@videotele.com) - 2002-10-04 2200.eml
2328	Email Records of Karsten Suehring – [jvt-experts] JVT-E079, JVT-E109, and JVT-E110 have been uploaded. - iole moccagatta (imoccaga@lsil.com) - 2002-10-04 1905.eml
2329	Email Records of Karsten Suehring – [jvt-experts] JVT-E115 (HRD Requirements) has been uploaded - eric.viscito@conexant.com - 2002-10-04 2219.eml
2330	Email Records of Karsten Suehring – [jvt-experts] RE upload of JVT-E096 ABT vs. alternate scans for Main Profile - Lowell Winger (lwinger@videolocus.com) - 2002-10-04 2148.eml
2331	Email Records of Karsten Suehring – [jvt-experts] Re Interlace feature to progressive sequences. - Byeungwoo Jeon (bjeon@yurim.skku.ac.kr) - 2002-10-04 1049.eml
2332	Email Records of Karsten Suehring – [jvt-experts] Re Interlace feature to progressive sequences. - Gary Sullivan (garysull@microsoft.com) - 2002-10-04 1210.eml

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2333	Email Records of Karsten Suehring – [jvt-experts] Re question on default weighting for bi-prediction - Yoshihiro Kikuchi (yoshihiro.kikuchi@toshiba.co.jp) - 2002-10-04 1257.eml
2334	Email Records of Karsten Suehring – [jvt-experts] Uploads JVT-E031 JVT-E032 JVT-E033 JVT-E034 - 'Kerofsky, Louis' (lkerofsky@sharplabs.com) - 2002-10-04 2003.eml
2335	Email Records of Karsten Suehring – [jvt-experts] Adhoc Report - Special Position and MC Memory Analysis - Luthra Ajay-MGI1164 (aluthra@motorola.com) - 2002-10-05 0310.eml
2336	Email Records of Karsten Suehring – [jvt-experts] JVT-E071, 072, 073, 074, 102 uploaded - Teruhiko Suzuki (teruhiko@av.crl.sony.co.jp) - 2002-10-05 1208.eml
2337	Email Records of Karsten Suehring – [jvt-experts] JVT-E098, 099, 100 and 101 uploaded - cslim (cslim@psl.com.sg) - 2002-10-05 1639.eml
2338	Email Records of Karsten Suehring – [jvt-experts] JVT-E134, JVT-E135, JVT-E136r1, JVT-142 uploaded - Anthony Joch (anthony@ubvideo.com) - 2002-10-05 0007.eml
2339	Email Records of Karsten Suehring – [jvt-experts] Fwd JVT-E043_E044 uploaded - Shun-ichi Sekiguchi (koufum@isl.melco.co.jp) - 2002-10-06 0857.eml
2340	Email Records of Karsten Suehring – [jvt-experts] JVT-E012 AHG Report Level Constraints uploaded - Yoichi Yagasaki (yagasaki@av.crl.sony.co.jp) - 2002-10-06 1450.eml
2341	Email Records of Karsten Suehring – [jvt-experts] Fwd JVT-E043_E044 uploaded - Shun-ichi Sekiguchi (koufum@isl.melco.co.jp) - 2002-10-07 0436.eml
2342	Email Records of Karsten Suehring – [jvt-experts] JVT-E058r1 uploaded - 'Benzler Ulrich (FV_SLM) ' (Ulrich.Benzler@de.bosch.com) - 2002-10-07 1724.eml

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2343	Email Records of Karsten Suehring – [jvt-experts] JVT-E090, E092, E095 - Yoshihiro Kikuchi (yoshihiro.kikuchi@toshiba.co.jp) - 2002-10-07 0320.eml
2344	Email Records of Karsten Suehring – [jvt-experts] Re JVT-E079, JVT-E109, and JVT-E110 have been uploaded. - Iole Moccagatta (imoccaga@lsil.com) - 2002-10-07 2054.eml
2345	Email Records of Karsten Suehring – [jvt-experts] 1_4 pel motion estimation for bitstream exchange - Calvin Foo (twfoo@psl.com.sg) - 2002-10-08 0911.eml
2346	Email Records of Karsten Suehring – [jvt-experts] Question about loop filter chroma boundary strength - 'Reese, Bob J' (bob.j.reese@intel.com) - 2002-10-09 2316.eml
2347	Email Records of Karsten Suehring – [jvt-experts] RE Correction of reference selection in I fields - Dong Tian (tian@cs.tut.fi) - 2002-10-09 2005.eml
2348	Email Records of Karsten Suehring – [jvt-experts] RE Correction of reference selection in I fields - Karsten Suehring (suehring@hhi.de) - 2002-10-09 1724.eml
2349	Email Records of Karsten Suehring – [jvt-experts] RE Question about loop filter chroma boundary strength - Anthony Joch (anthony@ubvideo.com) - 2002-10-09 2343.eml
2350	Email Records of Karsten Suehring – [jvt-experts] Uploaded JVT-E047.doc, E047-Set-1.xls and E047-Set-2.xls - Tom McMahon (tlm@demografx.com) - 2002-10-09 1551.eml
2351	Email Records of Karsten Suehring – Re [jvt-experts] RE Correction of reference selection in I fields - Dong Tian (tian@cs.tut.fi) - 2002-10-09 2005.eml
2352	Email Records of Karsten Suehring – Re [jvt-experts] RE Correction of reference selection in I fields - Karsten Suehring (suehring@hhi.de) - 2002-10-09 1724.eml

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2353	Email Records of Karsten Suehring – [jvt-experts] AW Errors in CAVLC descriptopn! - 'List, Peter' (Peter.List@t-systems.com) - 2002-10-10 1817.eml
2354	Email Records of Karsten Suehring – [jvt-experts] Errors in CAVLC descriptopn! - 'List, Peter' (Peter.List@t-systems.com) - 2002-10-10 1729.eml
2355	Email Records of Karsten Suehring – [jvt-experts] H.264 tutorials - 'Iain Richardson (ensigr)' (i.g.richardson@rgu.ac.uk) - 2002-10-10 1739.eml
2356	Email Records of Karsten Suehring – [jvt-experts] JVT-E147 uploaded - 'Extension Fields' - Dave Lindbergh (lindbergh@92F1.com) - 2002-10-10 0951.eml
2357	Email Records of Karsten Suehring – [jvt-experts] JVT-E148 Uploaded - Permitting Minimal Latency Decoding - Dave Lindbergh (lindbergh@92F1.com) - 2002-10-10 1812.eml
2358	Email Records of Karsten Suehring – [jvt-experts] RE Correction of reference selection in I fields - Dong Tian (tian@cs.tut.fi) - 2002-10-10 1126.eml
2359	Email Records of Karsten Suehring – [jvt-experts] RE Correction of reference selection in I fields - Dong Tian (tian@cs.tut.fi) - 2002-10-10 1126-2.eml
2360	Email Records of Karsten Suehring – [jvt-experts] RE Correction of reference selection in I fields - Karsten Suehring (suehring@hhi.de) - 2002-10-10 1151.eml
2361	Email Records of Karsten Suehring – [jvt-experts] RE Correction of reference selection in I fields - 'Nakagawa, Akira' (anaka@flab.fujitsu.co.jp) - 2002-10-10 1053.eml
2362	Email Records of Karsten Suehring – [jvt-experts] RE Correction of reference selection in I fields - 'Nakagawa, Akira' (anaka@flab.fujitsu.co.jp) - 2002-10-10 1207.eml

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2363	Email Records of Karsten Suehring – [jvt-experts] RE Correction of reference selection in I fields - 'Nakagawa, Akira' (anaka@flab.fujitsu.co.jp) - 2002-10-10 1236.eml
2364	Email Records of Karsten Suehring – [jvt-experts] RE Doc Revisions - Uploaded JVT-E048r2.doc, E048-Crewr1.xls - Tom McMahon (tlm@demografx.com) - 2002-10-10 1725.eml
2365	Email Records of Karsten Suehring – [jvt-experts] RE JVT-E096r1 Uploaded - additional ABT intra_inte r w_ w_out FAFF - Lowell Winger (lwinger@videolocus.com) - 2002-10-10 1829.eml
2366	Email Records of Karsten Suehring – [jvt-experts] Uploaded JVT-E048r1.doc, E048-Crew.xls, and E048-Tempete.xls - Tom McMahon (tlm@demografx.com) - 2002-10-10 1056.eml
2367	Email Records of Karsten Suehring – Re [jvt-experts] RE Correction of reference selection in I fields - Karsten Suehring (suehring@hhi.de) - 2002-10-10 1151.eml
2368	Email Records of Karsten Suehring – Re [jvt-experts] RE Correction of reference selection in I fields - 'Nakagawa, Akira' (anaka@flab.fujitsu.co.jp) - 2002-10-10 1053.eml
2369	Email Records of Karsten Suehring – Re [jvt-experts] RE Correction of reference selection in I fields - 'Nakagawa, Akira' (anaka@flab.fujitsu.co.jp) - 2002-10-10 1207.eml
2370	Email Records of Karsten Suehring – Re [jvt-experts] RE Correction of reference selection in I fields - 'Nakagawa, Akira' (anaka@flab.fujitsu.co.jp) - 2002-10-10 1236.eml
2371	Email Records of Karsten Suehring – [jvt-experts] Reference Picture Buffer management - Arjun Ramamurthy (arjun.ramamurthy@wipro.com) - 2002-10-11 0845.eml
2372	Email Records of Karsten Suehring – [jvt-experts] Sequence parameter set and the Picture Parameter set - Arjun Ramamurthy (arjun.ramamurthy@wipro.com) - 2002-10-11 0753.eml

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2373	Email Records of Karsten Suehring – [jvt-experts] Definition of total_coefs(coef_token) not clear - Raghavan Subramaniyan (Raghavan.S@motorola.com) - 2002-10-12 0043.eml
2374	Email Records of Karsten Suehring – [jvt-experts] New JVT-E148r1 uploaded - Limiting Reordering for Latency - Dave Lindbergh (lindbergh@92F1.com) - 2002-10-12 1050.eml
2375	Email Records of Karsten Suehring – [jvt-experts] Re question about syntax in 7.3.3.2 'prediction weight table syntax' - Yoshihiro Kikuchi (yoshihiro.kikuchi@toshiba.co.jp) - 2002-10-12 1508.eml
2376	Email Records of Karsten Suehring – [jvt-experts] JVT-D149 uploaded to dropbox - 'Kerofsky, Louis' (lkerofsky@sharplabs.com) - 2002-10-13 1703.eml
2377	Email Records of Karsten Suehring – [jvt-experts] 'revised JVT-E093' uploaded and attached - 'Rodriguez, Arturo A' (Arturo.Rodriguez@sciatl.com) - 2002-10-14 2024.eml
2378	Email Records of Karsten Suehring – [jvt-experts] Parallelization options for JVT decoder at HD and higher levels - Krishna Ratakonda (ratakond@us.ibm.com) - 2002-10-15 2258.eml
2379	Email Records of Karsten Suehring – [jvt-experts] Remark on JVT-E068 comment on section 7.4.5.1 - 'Kerofsky, Louis' (lkerofsky@sharplabs.com) - 2002-10-15 2112.eml
2380	Email Records of Karsten Suehring – [jvt-experts] Upload of JVT-E033r2 Matrix IDCT - 'Kerofsky, Louis' (lkerofsky@sharplabs.com) - 2002-10-15 1846.eml
2381	Email Records of Karsten Suehring – [jvt-experts] Upload of JVT-E033r2 Matrix IDCT - 'Kerofsky, Louis' (lkerofsky@sharplabs.com) - 2002-10-15 1846-2.eml
2382	Email Records of Karsten Suehring – [jvt-experts] JVT-E096r2 uploaded with +_ - 38 search for bus_cano a - Lowell Winger (lwinger@videolocus.com) - 2002-10-16 1006.eml

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2383	Email Records of Karsten Suehring – [jvt-experts] RE question about intra prediction mode - 'Iain Richardson (ensigr)' (i.g.richardson@rgu.ac.uk) - 2002-10-16 0954.eml
2384	Email Records of Karsten Suehring – [jvt-experts] Is the pixel data decodable using the VCL only - eric.viscito@conexant.com - 2002-10-17 1747.eml
2385	Email Records of Karsten Suehring – [jvt-experts] JVT-E149r2 has been uploaded - 'Kerofsky, Louis' (lkerofsky@sharplabs.com) - 2002-10-17 0205.eml
2386	Email Records of Karsten Suehring – [jvt-experts] JVT-E163 Requirements for JVT Level 5 Uploaded - Tom McMahon (tlm@demografx.com) - 2002-10-17 0918.eml
2387	Email Records of Karsten Suehring – [jvt-experts] Smallest submacroblock size w.r.t reference picture - arjun (arj_r@rediffmail.com) - 2002-10-18 0900.eml
2388	Email Records of Karsten Suehring – [jvt-experts] CAVLC discrepancy in Level-VLC0 - Raghavan Subramaniyan (Raghavan.S@motorola.com) - 2002-10-25 1838.eml
2389	Email Records of Karsten Suehring – [jvt-experts] AHG kick-off on AVC Verification Tests - TK Tan (tktan@spg.yrp.nttdocomo.co.jp) - 2002-10-30 0413.eml
2390	Email Records of Karsten Suehring – [jvt-experts] typo in JVT-E146d7, intra prediction - 'Reese, Bob J' (bob.j.reese@intel.com) - 2002-10-30 1902.eml
2391	Email Records of Karsten Suehring – High Level-Implementierungen_English.pdf
2392	Email Records of Karsten Suehring – [jvt-experts] Re typo in JVT-E146d7, intra prediction - Greg Conklin (gregc@real.com) - 2002-10-31 0033.eml

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2393	Email Records of Karsten Suehring – Re_ High Level-Implementierungen_English.pdf
2394	Email Records of Karsten Suehring – DIS Software Implementation - Karsten Suehring (suehring@hhi.de) - 2002-11-04 1647.eml
2395	Email Records of Karsten Suehring – Implementation Schedule R1 - Karsten Suehring (suehring@hhi.de) - 2002-11-06 1706.eml
2396	Email Records of Karsten Suehring - DIS_software_impl_schedule_r1.doc.doc
2397	Email Records of Karsten Suehring – [jvt-experts] Implementation Schedule R1 - Karsten Suehring (suehring@hhi.de) - 2002-11-06 1706.eml
2398	Email Records of Karsten Suehring – DIS_software_impl_schedule_r1.doc.doc
2399	Email Records of Karsten Suehring – Re reordering and mmco operation in JM5.0 - Karsten Suehring (suehring@hhi.de) - 2002-11-08 1431.eml
2400	Email Records of Karsten Suehring – [jvt-experts] Re reordering and mmco operation in JM5.0 - Karsten Suehring (suehring@hhi.de) - 2002-11-08 1431.eml
2401	Email Records of Karsten Suehring – [jvt-experts] MB types for B slices - Yazid Nemouchi (ynemouchi@siroyan.com) - 2002-11-08 1641.eml
2402	Email Records of Karsten Suehring – [jvt-experts] Re MB types for B slices - Ye-Kui Wang (wyk@ieee.org) - 2002-11-08 1658.eml
2403	Email Records of Karsten Suehring – [jvt-experts] Re MB types for B slices - Ye-Kui Wang (wyk@ieee.org) - 2002-11-08 1703.eml
2404	Email Records of Karsten Suehring – [jvt-experts] Re MB types for B slices - Yazid Nemouchi (ynemouchi@siroyan.com) - 2002-11-08 1714.eml
2405	Email Records of Karsten Suehring – [jvt-experts] MB types for B slices - Yazid Nemouchi (ynemouchi@siroyan.com) - 2002-11-08 1641.eml

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2406	Email Records of Karsten Suehring – [jvt-experts] Re section 8.4.2.3 - Barry Haskell (bhaskell@apple.com) - 2002-11-08 1813.eml
2407	Email Records of Karsten Suehring – [jvt-experts] Intra prediction process for chroma blocks - mike.nilsson@bt.com - 2002-11-08 1832.eml
2408	Email Records of Karsten Suehring – [jvt-experts] RE Intra prediction process for chroma blocks - Anthony Joch (anthony@ubvideo.com) - 2002-11-08 1931.eml
2409	Email Records of Karsten Suehring – [jvt-experts] RE Intra prediction process for chroma blocks - Mike Severa (severa@PacketVideo.COM) - 2002-11-08 1932.eml
2410	Email Records of Karsten Suehring – Re [jvt-experts] Re Problem with rate control software - Karsten Suehring (suehring@hhi.de) - 2002-11-14 1059.eml
2411	Email Records of Karsten Suehring – [jvt-experts] Trying to understand H.264 CABAC - Elliot Linzer (elinzer@lsil.com) - 2002-11-14 1929.eml
2412	Email Records of Karsten Suehring – [jvt-experts] Re Chroma Intra prediction still not defined - dzung.hoang@conexant.com - 2002-11-14 1957.eml
2413	Email Records of Karsten Suehring – [jvt-experts] RE Study text of the AVC file format FCD - Gary Sullivan (garysull@microsoft.com) - 2002-11-14 2245.eml
2414	Email Records of Karsten Suehring – [jvt-experts] RE The introduced overscan_info_flag functionality - Gary Sullivan (garysull@microsoft.com) - 2002-11-14 2245.eml
2415	Email Records of Karsten Suehring – [jvt-experts] RE Default index order of list 0(JVT-E146d34) - Barry Haskell (bhaskell@apple.com) - 2002-11-14 2259.eml
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Dated: April 1, 2025

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CERTIFICATE OF SERVICE

Pursuant to 37 C.F.R. §42.6(e), the undersigned hereby certifies that true and correct copies of the above-captioned **PATENT OWNER'S EXHIBIT LIST** and **CONFIDENTIAL NOKIA EXHIBITS 2478-2479** were served in its entirety on April 1, 2025, via filing through the Patent Trial and Appeal Case Tracking System (P-TACTS), as well as by delivering copies via electronic mail to the following:

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