

ISO/IEC JTC 1/SC 29**Coding of audio, picture, multimedia and hypermedia information****Secretariat: JISC (Japan)**

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**INTERNATIONAL ORGANISATION FOR STANDARDISATION
ORGANISATION INTERNATIONALE DE NORMALISATION
ISO/IEC JTC 1/SC 29/WG 11
CODING OF MOVING PICTURES AND AUDIO**

ISO/IEC JTC 1/SC 29/WG 11 N16152
Geneva, CH – June 2016

Source:	Leonardo Chiariglione
Title:	Resolutions for 115th meeting

Resolutions for 115th meeting

1 Reports

1.1 Meeting reports

1.1.1 WG 11 approves

No.	Title	In charge	TBP	Available
	<i>Meeting report</i>			
15906	Report of 114th meeting	Convenor	N	16/06/03
16214	Verbal reports from the Requirements, Systems, Audio, 3DG and Communication subgroups made at this meeting	Secretary	N	16/06/03

2 Resolutions related to MPEG-2 (ISO/IEC 13818 – Generic coding of moving pictures and associated audio information)

2.1 Part 1 – Systems

2.1.1 The Systems subgroup recommends approval of the following documents

No.	Title	In charge	TBP	Available
	<i>ISO/IEC 13818-1 – Systems</i>			
16158	DoC on ISO/IEC 13818-1:2015 PDAM 8 Signalling of carriage of HDR/WCG video in MPEG-2 Systems	Y. Syed	No	16/06/03
16159	Text of ISO/IEC 13818-1:2015 DAM 8 Signalling of carriage of HDR/WCG video in MPEG-2 Systems	Y. Syed	No	16/06/03
16160	WD of ISO/IEC 13818-1:2015 AMD 9 Ultra-Low-Latency mode and higher resolution support for transport of JPEG 2000 video.	A. Descampe	No	16/08/08

3 Resolutions related to MPEG-4 (ISO/IEC 14496 – Coding of audio-visual objects)

3.1 Part 3 – Audio

3.1.1 The Audio subgroup recommends approval of the following documents

No.	Title	In charge	TBP	Available
	<i>ISO/IEC 14496-3 – Audio</i>			
16285	ISO/IEC14496-3:2009/DCOR 8, Signaling of AAC-ELD Downscaled Mode	Adrian Murtaza	N	16/06/03

3.2 Part 4 – Conformance testing

3.2.1 The Video subgroup recommends approval of the following documents

No.	Title	In charge	TBP	Available
	<i>ISO/IEC 14496-4 – Conformance testing</i>			
16245	Study Text of ISO/IEC 14496-4:2004/DAM46 Conformance Testing for Internet Video Coding	R. Wang	N	16/06/24

3.2.2 The Video subgroup kindly requests experts to raise awareness for the Study text of ISO/IEC 14496-4:2004/DAM46.

3.3 Part 5 – Reference software

3.3.1 The Video subgroup recommends approval of the following documents

No.	Title	In charge	TBP	Available
	<i>ISO/IEC 14496-5 – Reference software</i>			
16246	Study Text of ISO/IEC 14496-5:2001/DAM41 Reference Software for Internet Video Coding	R. Wang	N	16/06/24

3.3.2 The Video subgroup kindly requests experts to raise awareness for the Study text of ISO/IEC 14496-5:2001/DAM41.

3.3.3 The 3DG subgroup recommends approval of the following documents

No.	Title	In charge	TBP	Available
	<i>ISO/IEC 14496-5 – Reference software</i>			
16339	Text of ISO/IEC 14496-5:2001/FDAM40 3D graphics coding for browsers and 3D printing material reference software	Christian Tulvan	N	16/06/03

3.4 Part 10 – Advanced Video Coding

3.4.1 The Video and 3V subgroups recommend approval of the following documents

No.	Title	In charge	TBP	Available
	<i>ISO/IEC 14496-10 – Advanced Video Coding</i>			
16247	Disposition of Comments on ISO/IEC 14496-10:2014/DAM3	T. Senoh	N	16/06/03
16248	Text of ISO/IEC 14496-10:2014/FDAM3 Additional	T. Senoh	N	16/06/30

Supplemental Enhancement Information				
16249	Disposition of Comments on ISO/IEC 14496-10:2014/PDAM4	A. Tourapis	N	16/06/03
16250	Text of ISO/IEC 14496-10:2014/DAM4 Progressive High 10 Profile and additional VUI code points and supplemental enhancement information	A. Tourapis	N	16/07/01

3.4.2 The video subgroup expresses the intention to issue a new edition of ISO/IEC 14496-10 upon the completion of Amd.4.

3.5 Part 12 – ISO base media file format

3.5.1 The Systems subgroup recommends approval of the following documents

No.	Title	In charge	TBP	Available
	<i>ISO/IEC 14496-12 – ISO base media file format</i>			
16161	Defect Report of ISO/IEC 14496-12	D. Singer	No	16/06/24
16162	DoC on ISO/IEC 14496-12:2015/DCOR 1 and ISO/IEC 15444-12:2015/DCOR 1	D. Singer	No	16/06/03
16163	Text of ISO/IEC 14496-12:2015/COR 1 and ISO/IEC 15444-12:2015/COR 1	D. Singer	No	16/06/24
16164	Request for ISO/IEC 14496-12:2015 AMD 2 Support for Image File Format	P. Fröjdh	No	16/06/03
16165	Text of ISO/IEC 14496-12:2015 PDAM 2 Support for Image File Format	P. Fröjdh	No	16/06/17
16166	Technologies under Consideration for ISOBMFF	M. Hannuksela	No	16/06/03
16167	WD of Partial File Storage	J. Le Feuvre	No	16/07/15

3.6 Part 15 – Carriage of NAL unit structured video in the ISO Base Media File Format

3.6.1 The Systems subgroup recommends approval of the following documents

No.	Title	In charge	TBP	Available
	<i>ISO/IEC 14496-15 – Advanced Video Coding (AVC) file format</i>			
16168	DoC on ISO/IEC DIS 14496-15 4th edition	D. Singer	No	16/06/03
16169	Text of ISO/IEC FDIS 14496-15 4th edition	YK Wang	No	16/07/15
16312	Text of ISO/IEC 14496-15 DCOR 2	D. Singer	No	16/06/10
16170	WD of ISO/IEC 14496-15 AMD Decode Time Hints	M. Hannuksela	No	16/06/03
16171	Defect Report of ISO/IEC 14496-15	D. Singer	No	16/06/24

3.6.2 The Systems subgroup recommends appointment of David Singer as an editor of ISO/IEC 14496-15 COR 2.

3.7 Part 16 – Animation Framework eXtension (AFX)

3.7.1 The 3DG subgroup recommends approval of the following documents

No.	Title	In charge	TBP	Available
	<i>ISO/IEC 14496-16 – Animation Framework eXtension (AFX)</i>			
16340	DoC for ISO/IEC 14496-16:2011/DAM3 3D graphics coding for browsers and 3D printing material	Christian Tulvan	N	16/06/03
16341	ISO/IEC 14496-16:2011/FDAM3 3D graphics coding for browsers and 3D printing material	Christian Tulvan	N	16/06/03

3.7.2 The 3DG subgroup thanks JPNB for their comments on ISO/IEC 14496-16:2011/DAM3 3D graphics coding for browsers and 3D printing material

3.8 Part 22 – Open Font Format

3.8.1 The Systems subgroup recommends approval of the following documents

No.	Title	In charge	TBP	Available
	<i>ISO/IEC 14496-22 – Open Font Format</i>			
16172	Text of ISO/IEC 14496-22:2015 AMD 1 Updates for font collections functionality	V. Levantovsky	No	16/06/03
16173	DoC on ISO/IEC 14496-22:2015 PDAM 2 Updated text layout features and implementations	V. Levantovsky	No	16/06/03
16174	Text of ISO/IEC 14496-22:2015 DAM 2 Updated text layout features and implementations	V. Levantovsky	No	16/06/03

3.9 Part 26 – Audio Conformance

3.9.1 The Audio subgroup requests that Text of ISO/IEC 14496-26:2010/DAM 4 progress directly to AMD 4 and publication

3.10 Part 27 – 3D Graphics conformance

3.10.1 The 3DG subgroup recommends approval of the following documents

No.	Title	In charge	TBP	Available
	<i>ISO/IEC 14496-27 – 3D Graphics conformance</i>			
16342	Text of ISO/IEC 14496-27:2009/FDAM7 3D graphics coding for browsers and 3D printing material conformance	Christian Tulvan	N	16/06/03

3.11 Part 30 – Timed text and other visual overlays in ISO base media file format

3.11.1 The Systems subgroup recommends approval of the following documents

No.	Title	In charge	TBP	Available
	<i>ISO/IEC 14496-30 – Timed text and other visual</i>			

	<i>overlays in ISO base media file format</i>			
16283	Request for ISO/IEC 14496-30 AMD 1 Support for CTA 708 captioning in SEI message	D. Singer	No	16/06/03
16175	Text of ISO/IEC 14496-30 PDAM 1 Support for CTA 708 captioning in SEI message	D. Singer	Y	16/06/24

3.12 Part 31 – Video Coding for Browsers

3.12.1 Nokia is kindly requested to substantiate by the next meeting the patents that affect the standard by identifying which patents, if any, are *essential* for ISO/IEC 14496-31, because m35857 and m36602 only state that patents are “potentially relevant”. The WG11 secretariat is instructed to communicate this request to Nokia.

3.13 Part 32 – Reference software and conformance for file formats

3.13.1 The Systems subgroup recommends approval of the following documents

No.	Title	In charge	TBP	Available
	<i>ISO/IEC 14496-32 – Reference software and conformance for file formats</i>			
16176	WD of ISO/IEC 14496-32 Reference Software and Conformance for File Format	M. Hannuksela	No	16/06/03

3.14 Part 33 – Internet Video Coding

3.14.1 The Video subgroup recommends approval of the following documents

No.	Title	In charge	TBP	Available
	<i>ISO/IEC 14496-33 – Internet Video Coding</i>			
16251	Disposition of Comments on ISO/IEC DIS 14496-33	R. Wang	N	16/06/03
16252	Text of ISO/IEC 2 nd DIS 14496-33 Internet Video Coding	R. Wang	N	16/06/30
16253	Internet Video Coding encoder description	R. Wang	Y	16/06/17
16255	Verification test report for Internet Video Coding	V. Baroncini	Y	16/07/15

3.14.2 The Video subgroup expects that a test model for exploring IVC extensions could be established by the next meeting, provided that contributions for further substantial improvements of compression performance would be received. Such contributions should report results based on testing conditions as used in previous IVC exploration experiments (N16036).

3.14.3 WG11 reminds its members to send IPR declarations (including Type 1) related to ISO/IEC 14496-33 to the ISO secretariat, considering the fact that FDIS is planned to be issued by the next meeting.

3.14.4 WG11 notes that Type 2 licensing declarations have been received related to the content of ISO/IEC DIS 14496-33. As stated in the Call for Proposals N12204, any proposed Type 2 technologies will be moved to one or more profiles different from the baseline Type 1 profile. Qualcomm and other patent owners potentially submitting

Type 2 declarations are therefore kindly requested to disclose which elements of ISO/IEC DIS 14496-33 might, in their opinion, be affected by which patents, so that the technology can be moved to a Type 2 profile. The WG11 secretariat is instructed to communicate this request to Qualcomm. If no additional information is received by the 116th meeting, WG11 intends to proceed towards FDIS without further technical changes. In case we are informed of Type 2 technologies after FDIS approval, we will remove such technologies from the baseline profile or create a new Type 1 profile. Companies that have already given *detailed* information about existing rights are warmly thanked for their help in launching IVC for its original purpose.

4 Resolutions related to MPEG-7 (ISO/IEC 15938 – Multimedia content description interface)

4.1 Part 7 – Conformance testing

4.1.1 The Video subgroup recommends approval of the following documents

No.	Title	In charge	TBP	Available
	<i>ISO/IEC 15938-7 – Conformance testing</i>			
16256	Disposition of Comments on ISO/IEC 15938-7:2003/Amd.5:2010/DCOR1	S. Paschalakis	N	16/06/03
16257	Text of ISO/IEC 15938-7:2003/Amd.5:2010/COR1	S. Paschalakis	N	16/07/01

5 Resolutions related to MPEG-21 (ISO/IEC 21000 – Multimedia Framework)

5.1 Part 19 – Media Value Chain Ontology

5.1.1 The Systems subgroup recommends approval of the following documents

No.	Title	In charge	TBP	Available
	<i>ISO/IEC 21000-19 – Media Value Chain Ontology</i>			
16177	Request of ISO/IEC 21000-19:2010 AMD 1 Extensions on Time Segments and Multi-Track Audio	P. Kudumakis	No	16/06/03
16178	Text of ISO/IEC 21000-19:2010 PDAM 1 Extensions on Time Segments and Multi-Track Audio	P. Kudumakis	No	16/06/03

5.2 Part 22 – User description

5.2.1 The Systems subgroup recommends approval of the following documents

No.	Title	In charge	TBP	Available
	<i>ISO/IEC 21000-22 – User description</i>			
16179	DoC on ISO/IEC 21000-22 PDAM 1 Reference Software for MPEG-21 User Description	B. Joveski	No	16/06/03
16180	Text of ISO/IEC 21000-22 DAM 1 Reference Software for MPEG-21 User Description	B. Joveski	No	16/06/03
16315	Technologies under Consideration for extension of MPEG-21 UD	B. Joveski	No	16/06/03

6 Resolutions related to MPEG-A (ISO/IEC 23000 – Multimedia Application Formats)

6.1 Part 13 – Augmented reality application format

6.1.1 The 3DG subgroup recommends approval of the following documents

No.	Title	In charge	TBP	Available
	<i>ISO/IEC 23000-13 – Augmented reality application format</i>			
16343	ISO/IEC 23000-13:200x/DAM1 Reference software and conformance	Traian Lavric	N	16/06/03

6.2 Part 15 – Multimedia Preservation Application Format

6.2.1 The Systems subgroup recommends approval of the following documents

No.	Title	In charge	TBP	Available
	<i>ISO/IEC 23000-15 – Multimedia Preservation Application Format</i>			
16181	DoC on ISO/IEC 23000-15:201x/DAM 1 Implementation Guideline for MP-AF	W. Bailer	No	16/06/03
16182	Text of ISO/IEC 23000-15:201x/FDAM 1 Implementation Guideline for MP-AF	W. Bailer	No	16/06/03

6.3 Part 18 – Media Linking Application Format

6.3.1 The Systems subgroup recommends approval of the following documents

No.	Title	In charge	TBP	Available
	<i>ISO/IEC 23000-18 – Media Linking Application Format (MLAF)</i>			
16183	DoC on ISO/IEC DIS 23000-18 Media Linking Application Format	A. Messina	No	16/06/03
16184	Text of ISO/IEC FDIS 23000-18 Media Linking Application Format	A. Messina	No	16/06/10

6.4 Part 19 – Common Media Application Format

6.4.1 The Systems subgroup recommends approval of the following documents

No.	Title	In charge	TBP	Available
	<i>ISO/IEC 23000-19 – Common Media Application Format</i>			
16185	Request for subdivision of ISO/IEC 23000-19 Common Media Application Format	K. Kolarov	No	16/06/03
16186	Text of ISO/IEC CD 23000-19 Common Media Application Format	K. Kolarov	Yes	16/06/24
16187	Exploration for future CMAF extensions	K. Kolarov	No	16/06/03
16188	Workplan for CMAF conformance	T. Stockhammer	No	16/06/03

6.5 Part 20 – Omnidirectional Media Application Format

6.5.1 The Systems subgroup recommends approval of the following documents

No.	Title	In charge	TBP	Available
	<i>ISO/IEC 23000-20 – Omnidirectional Media Application Format</i>			
16189	WD on ISO/IEC 23000-20 Omnidirectional Media Application Format	BD Choi	Yes	16/06/31

7 Resolutions related to MPEG-B (ISO/IEC 23001 – MPEG systems technologies)

7.1 Part 8 – Coding-independent code-points

7.1.1 The Video subgroup recommends approval of the following documents

No.	Title	In charge	TBP	Available
	<i>ISO/IEC 23001-8 – Coding-independent code-points</i>			
16258	Disposition of Comments on ISO/IEC 23001-8:201x/PDAM1	A. Tourapis	N	16/06/03
16259	Text of ISO/IEC 23001-8:201x/DAM1 Additional code points for colour description	A. Tourapis	N	16/07/01
16260	WD of Code points for video signal type identification	A. Tourapis	Y	16/07/01

7.1.2 The Video subgroup thanks the USNB for its suggestion to split the text of ISO/IEC 23001-8 into separate specifications for video and audio for ease of further development and maintenance, and confirms its plan to take action accordingly after investigation of what process steps are necessary.

7.1.3 WG 11 requests the conversion of ISO/IEC 23001-8 into a standard with separate parts for Systems, Video and Audio in order to ease the management of this fastly evolving standard and to facilitate references by external specifications

7.2 Part 10 – Carriage of Timed Metadata Metrics of Media in ISO Base Media File Format

7.2.1 The Systems subgroup recommends approval of the following documents

No.	Title	In charge	TBP	Available
	<i>ISO/IEC 23001-10 – Carriage of Timed Metadata Metrics of Media in ISO Base Media File Format</i>			
16190	DoC on ISO/IEC 23001-10:201x/DAM 1 Carriage of spatial information	E. Thomas	No	16/06/03
16191	Text of ISO/IEC 23001-10:201x/FDAM 1 Carriage of spatial information	E. Thomas	No	16/06/03

7.2.2 The Systems subgroup recommends changing title of ISO/IEC 23001-10:201x/AMD 1 to Carriage of Spatial Information.

7.3 Part 11 – Green metadata

7.3.1 The Systems subgroup recommends approval of the following documents

No.	Title	In charge	TBP	Available
	<i>ISO/IEC 23001-11 – Green metadata</i>			
16192	Draft DoC on ISO/IEC 23001-11 PDAM 2 Conformance and Reference Software	X.Ducloux	No	16/06/03
16193	Draft text of ISO/IEC 23001-11 DAM 2 Conformance and Reference Software	X. Ducloux	No	16/06/03

7.4 Part 13 – Media Orchestration

7.4.1 The Systems subgroup recommends approval of the following documents

No.	Title	In charge	TBP	Available
	<i>23001-13 Media Orchestration</i>			
16194	WD of ISO/IEC 23001-13 Media Orchestration (MORE)	JC Dufourd	Yes	16/06/10
16195	Technologies under Consideration for ISO/IEC 23001-13 Media Orchestration	JC Dufourd	No	16/06/03
16314	Considerations on reference software for media orchestration	Oskar van Deventer	No	16/06/03

8 Resolutions related to MPEG-C (ISO/IEC 23002 – MPEG video technologies)

8.1 Part 4 – Video tool library

8.1.1 The Video subgroup recommends approval of the following documents

No.	Title	In charge	TBP	Available
	<i>ISO/IEC 23002-4 – Video tool library</i>			
16262	WD of 23002-4/Amd.4 VTL extensions for SHVC and HEVC Main 10	M. Mattavelli	Y	16/07/15

8.2 Part 6 – Tools for reconfigurable media coding implementations

8.2.1 The Video subgroup recommends approval of the following documents

No.	Title	In charge	TBP	Available
	<i>ISO/IEC 23002 – MPEG video technologies</i>			
16261	Request for subdivision: ISO/IEC 23002-6	M. Mattavelli	N	16/06/03
16263	Text of ISO/IEC PDTR 23002-6 Tools for reconfigurable media coding implementations	E. Juarez	Y	16/07/15

9 Resolutions related to MPEG-D (ISO/IEC 23003 – MPEG audio technologies)

9.1 Part 1 – MPEG Surround

9.1.1 The Audio subgroup recommends approval of the following documents

No.	Title	In charge	TBP	Available
	<i>ISO/IEC 23003-1 – MPEG Surround</i>			
16286	DoC on ISO/IEC 23003-1:2007/DAM 3 MPEG Surround Extensions for 3D Audio	Seungkwon Beack	N	16/06/03
16287	Text of ISO/IEC 23003-1:2007/FDAM 3 MPEG Surround Extensions for 3D Audio	Seungkwon Beack	N	16/06/17

9.2 Part 2 – Spatial Audio Object Coding (SAOC)

9.2.1 The Audio subgroup recommends approval of the following documents

No.	Title	In charge	TBP	Available
	<i>ISO/IEC 23003-2 – Spatial Audio Object Coding (SAOC)</i>			
16288	DoC on ISO/IEC 23003-2:2010/DAM 4, SAOC Conformance	Adrian Murtaza	N	16/06/03
16289	Text of ISO/IEC 23003-2:2010/FDAM 4, SAOC Conformance	Adrian Murtaza	N	16/06/03
16290	DoC on ISO/IEC 23003-2:2010/DAM 5, SAOC Reference Software	Adrian Murtaza	N	16/06/03
16291	Text of ISO/IEC 23003-2:2010/FDAM 5, SAOC Reference Software	Adrian Murtaza	N	16/06/03

9.3 Part 4 – Dynamic Range Control

9.3.1 The Audio subgroup recommends approval of the following documents

No.	Title	In charge	TBP	Available
	<i>ISO/IEC 23003-4 – Dynamic Range Control</i>			
16292	DoC on ISO/IEC 23003-4:2015/PDAM 2, DRC Reference Software	Michael Kratschmer	N	16/06/03
16293	Text of ISO/IEC 23003-4:2015/DAM 2, DRC Reference Software	Michael Kratschmer	N	16/07/29
16294	Request for Amendment, ISO/IEC 23003-4:2015/AMD 3, DRC Conformance	Michael Kratschmer	N	16/06/03
16295	Text of ISO/IEC 23003-4:2015/PDAM 3, DRC Conformance	Michael Kratschmer	N	16/06/03
16296	Defect Report on MPEG-D DRC	Michael Kratschmer	N	16/06/03

10 Resolutions related to MPEG-V (ISO/IEC 23005 – Media context and control)

10.1 Part 7 – Conformance and reference software

10.1.1 The 3DG subgroup recommends approval of the following documents

No.	Title	In charge	TBP	Available
	<i>ISO/IEC 23005-7 – Conformance and reference software</i>			
16344	Text of ISO/IEC FDIS 23005-7 3 rd Edition Reference software and conformance	Sang Kyun Kim	N	16/06/03

11 Resolutions related to MPEG-H (ISO/IEC 23008 – High efficiency coding and media delivery in heterogeneous environments)

11.1 Part 1 – MPEG media transport (MMT)

11.1.1 The Systems subgroup recommends approval of the following documents

No.	Title	In charge	TBP	Available
	<i>ISO/IEC 23008-1 – MPEG media transport (MMT)</i>			
16196	Revised text of ISO/IEC 23008-1:201x PDAM 2 Enhancements for Mobile Environments	JM. Lee	No	16/06/17
16197	WD of ISO/IEC 23008-1:201x AMD MMT extensions	I. Bouazizi	No	16/06/17
16198	Defects under investigation in ISO/IEC 23008-1	I. Bouazizi	No	16/06/10
16199	Description of Core Experiments on MPEG Media Transport	KM Park	No	16/06/17
16284	Technologies under Consideration for ISO/IEC 23008-1	I. Bouazizi	No	16/06/10
16356	Plan on the 4th MMT Developers' Day	KM Park	No	16/06/03

11.1.2 The Systems subgroup recommends issuing ballot of ISO/IEC 23008-1:201x PDAM 2 with the revised text provided as N16196

11.2 Part 2 – High Efficiency Video Coding

11.2.1 The Video and VC subgroups recommend approval of the following documents

No.	Title	In charge	TBP	Available
	<i>ISO/IEC 23008-2 – High Efficiency Video Coding</i>			
16264	Request for ISO/IEC 23008-2:201x/Amd.1	P. Yin	N	16/06/03
16265	Text of ISO/IEC 23008-2:201x/PDAM1 Additional colour representation code point	P. Yin	Y	16/06/10
16266	WD for Picture Repetition Indication in HEVC	C. Fogg	Y	16/06/10
16267	High Efficiency Video Coding (HEVC) Test Model 17 (HM 17) Encoder Description	C. Rosewarne	Y	16/10/10
16268	SHVC Supplemental Verification Test Report	V.	Y	16/06/24

		Baroncini		
16254	Draft Verification Test Plan for HEVC Screen Content Coding Extensions	H. Yu	Y	16/07/15

11.2.2 The Requirements subgroup notes that there is a need for ultra-low latency profiles for real-time content production applications. WG11 members are encouraged to investigate whether the high-throughput profiles can satisfy this requirement.

11.3 Part 3 – 3D Audio

11.3.1 The Audio subgroup recommends approval of the following documents

No.	Title	In charge	TBP	Available
	<i>ISO/IEC 23008-3 – 3D Audio</i>			
16297	DoC on ISO/IEC 23008-3:2015/DAM 3, MPEG-H 3D Audio Phase 2	Max Neuendorf	N	16/06/03
16298	Text of ISO/IEC 23008-3:2015/FDAM 3, MPEG-H 3D Audio Phase 2	Max Neuendorf	N	16/07/01
16299	DoC on ISO/IEC 23008-3:2015/DAM 4, Carriage of Systems Metadata	Schuyler Quackenbush	N	16/06/03
16300	Text of ISO/IEC 23008-3:2015/FDAM 4, Carriage of Systems Metadata	Schuyler Quackenbush	N	16/06/03
16301	WD on New Profiles for 3D Audio	Christof Fersch	N	16/06/03
16302	Workplan for 3D Audio Verification Test	Juergen Herre	N	16/06/03

11.4 Part 4 – MMT Reference Software

11.4.1 The Systems subgroup recommends approval of the following documents

No.	Title	In charge	TBP	Available
	<i>ISO/IEC 23008-4 – MMT Reference Software</i>			
16215	Study of ISO/IEC 23008-4 PDAM 1 MMT Reference Software with Network Capabilities	I. Bouazizi	No	16/06/03

11.5 Part 5 – HEVC Reference Software

11.5.1 The Video and VC subgroups recommend approval of the following documents

No.	Title	In charge	TBP	Available
	<i>ISO/IEC 23008-5 – HEVC Reference Software</i>			
16269	Disposition of Comments on ISO/IEC 23008-5:201x/PDAM1	G. Sullivan	N	16/06/03
16270	Text of ISO/IEC 23008-5:201x/DAM1 Reference Software for Screen Content Coding Profiles	K. Rapaka	N	16/07/15

11.5.2 The Video and VC subgroups recommend confirming the list of editors for ISO/IEC 23008-5:201x as follows: Yi-Wen Chen, David Flynn, Yong He, Hongbin Liu, Vadim Seregin, Karsten Suehring, Karl Sharman, Teruhiko Suzuki, and Gerhard Tech.

11.6 Part 6 – 3D Audio Reference Software

11.6.1 The Audio subgroup recommends approval of the following documents

No.	Title	In charge	TBP	Available
	<i>ISO/IEC 23008-6 – 3D Audio Reference Software</i>			
16303	Request for New Part, ISO/IEC 23008-6/CD, 3D Audio Reference Software	Achim Kuntz	N	16/06/03
16304	Text of ISO/IEC 23008-6/CD, 3D Audio Reference Software	Achim Kuntz	N	16/07/01

11.7 Part 7 – MMT Conformance Testing

11.7.1 The Systems subgroup recommends approval of the following documents

No.	Title	In charge	TBP	Available
	<i>ISO/IEC 23008-7 – MMT Conformance Testing</i>			
16216	Workplan of MMT Conformance	YW So	No	16/06/03

11.8 Part 8 – HEVC Conformance Testing

11.8.1 The Video and VC subgroups recommend approval of the following document

No.	Title	In charge	TBP	Available
	<i>ISO/IEC 23008-8 – HEVC Conformance Testing</i>			
16271	WD2 of Conformance Testing for HEVC Screen Content Coding (SCC) Extensions	R. Joshi	Y	16/08/19

11.9 Part 9 – 3D Audio Conformance

11.9.1 The Audio subgroup recommends approval of the following documents

No.	Title	In charge	TBP	Available
	<i>ISO/IEC 23008-9 – 3D Audio Conformance</i>			
16305	Request for New Part, ISO/IEC 23008-9/CD, 3D Audio Conformance	Christian Neukam	N	16/06/03
16306	Text of ISO/IEC 23008-9/CD, 3D Audio Conformance	Christian Neukam	N	16/07/01

11.10 Part 11 – MPEG Composition Information

11.10.1 The Systems subgroup recommends approval of the following documents

No.	Title	In charge	TBP	Available
	<i>ISO/IEC 23008-11 – MPEG Composition Information</i>			
16217	TuC for ISO/IEC 23008-11 AMD Customization in Composition Information	I. Bouazizi	No	16/06/10

11.11 Part 12 – Image file format

11.11.1 The Systems subgroup recommends approval of the following documents

No.	Title	In charge	TBP	Available
	<i>ISO/IEC 23008-12 – Image file format</i>			
16218	DoC on ISO/IEC 23008-12 PDAM 1 Support for AVC, JPEG and layered coding of images	D. Singer	No	16/06/03
16219	Text of ISO/IEC 23008-12 DAM 1 Support for AVC, JPEG and layered coding of images	M. Hannuksela	No	16/06/10

11.12 Part 13 – MMT Implementation guidelines

11.12.1 The Systems subgroup recommends approval of the following documents

No.	Title	In charge	TBP	Available
	<i>ISO/IEC 23008-13 – MMT Implementation guidelines</i>			
16357	Request for ISO/IEC TR 23008-13 3rd edition MPEG Media Transport Implementation Guidelines	YW So	No	16/06/03
16220	Text of ISO/IEC PDTR 23008-13 3rd edition MPEG Media Transport Implementation Guidelines	YW So	No	16/06/17

11.13 Part 14 – Conversion and coding practices for HDR/WCG video

11.13.1 The Video and VC subgroups recommend approval of the following documents

No.	Title	In charge	TBP	Available
	<i>ISO/IEC 23008-14 – Conversion and coding practices for HDR/WCG video</i>			
16272	WD 2 of Conversion and Coding Practices for HDR/WCG Y'CbCr 4:2:0 Video with PQ Transfer Characteristics	J. Samuelsson	Y	16/09/16
16273	Verification Test Report for HDR/WCG Video Coding Using HEVC Main 10 Profile	V. Baroncini	Y	16/06/24

12 Resolutions related to MPEG-DASH (ISO/IEC 23009 – Dynamic adaptive streaming over HTTP (DASH))

12.1 Part 1 – Media presentation description and segment formats

12.1.1 The Systems subgroup recommends approval of the following documents

No.	Title	In charge	TBP	Available
	<i>ISO/IEC 23009-1 – Media presentation description and segment formats</i>			
16221	Study of ISO/IEC 23009-1:2014 DAM 4 Segment Independent SAP Signalling (SISSI), MPD chaining, MPD reset and other extensions	T. Stockhammer	No	16/06/10
16317	Study of ISO/IEC 23009-1:2014 DCOR 3	T.	No	16/06/03

		Stockhammer		
16222	Defects under investigation in ISO/IEC 23009-1	T. Stockhammer	No	16/06/03
16223	Technologies under Consideration for DASH	T. Stockhammer	No	16/06/03
16224	Descriptions of Core Experiments on DASH amendment	T. Stockhammer	No	16/06/03
16225	Draft Text of ISO/IEC 23009-1 3rd edition	T. Stockhammer	No	16/06/10

12.2 Part 2 – Conformance and reference software

12.2.1 The Systems subgroup recommends approval of the following documents

No.	Title	In charge	TBP	Available
	<i>ISO/IEC 23009-2 – Conformance and reference software</i>			
16227	Work plan for development of DASH Conformance and reference software and sample clients	I. Sodagar	No	16/06/03

12.3 Part 3 – Implementation guidelines

12.3.1 The Systems subgroup recommends approval of the following documents

No.	Title	In charge	TBP	Available
	<i>ISO/IEC 23009-3 – Implementation guidelines</i>			
16228	WD of ISO/IEC 23009-3 2nd edition AMD 1 DASH Implementation Guidelines	A. Giladi	No	16/06/24

12.4 Part 5 – Server and Network Assisted DASH

12.4.1 The Systems subgroup recommends approval of the following documents

No.	Title	In charge	TBP	Available
	<i>ISO/IEC 23009-5 – Server and Network Assisted DASH</i>			
16229	DoC on ISO/IEC DIS 23009-5 Server and Network Assisted DASH	ML Champel	No	16/06/03
16230	Text of ISO/IEC FDIS 23009-5 Server and Network Assisted DASH	ML Champel	No	16/06/24

12.5 Part 6 – DASH with Server Push and WebSockets

12.5.1 The Systems subgroup recommends approval of the following documents

No.	Title	In charge	TBP	Available
	<i>ISO/IEC 23009-6 – DASH with Server Push and WebSockets</i>			
16231	DoC on ISO/IEC CD 23009-6 DASH with Server Push and Websocket sub protocol	K. Streeter	No	16/06/03
16232	Text of ISO/IEC DIS 23009-6 DASH with Server Push and Websocket sub protocol	K. Streeter	No	16/06/24

13 Resolutions related to Explorations

13.1 3D Media Formats

13.1.1 The Requirements subgroup recommends approval of the following documents

No.	Title	In charge	TBP	Available
	<i>Explorations – 3D Media Formats</i>			
16352	Report of the joint ad hoc group for digital representations of light/sound fields for immersive media applications	Gauthier	Y	16/06/03

13.1.2 WG 11 warmly thanks the MPEG and JPEG experts who have contributed to the drafting of N16352

13.1.3 While engaged in the definition of the collaboration with WG 1 on light field compression, WG 11 establishes the adhoc group on light field compression.

13.2 Big Media

13.2.1 The Requirements subgroup recommends approval of the following documents

No.	Title	In charge	TBP	Available
	<i>Explorations – Big Media</i>			
16353	Thoughts and Use cases on Big Media	Abdellatif	N	16/06/03
16354	MPEG Vision and Plan for Big Media (Draft)	Abdellatif	N	16/06/03

13.3 Compact descriptors for video analysis

13.3.1 The Video subgroup recommends approval of the following documents

No.	Title	In charge	TBP	Available
	<i>Explorations – Compact descriptors for video analysis</i>			
16274	CDVA Experimentation Model (CXM) 0.2	M. Balestri	Y	16/06/24
16275	Description of Core Experiments in CDVA	W. Bailer	Y	16/06/24

13.4 Free Viewpoint TV

13.4.1 The Requirements subgroup recommends approval of the following documents

No.	Title	In charge	TBP	Available
	<i>Explorations – Free Viewpoint TV</i>			
N16318	Summary of the results of the Call for Evidence on Free-Viewpoint Television: Super-Multiview and Free Navigation	Masayuki Tanimoto	Y	16/06/03
N16319	Description of 360 3D video application Exploration Experiments on Divergent multi-view video v0.1	Masayuki Tanimoto	N	16/06/13

13.4.2 The Requirements subgroup thanks Vittorio Baroncini for conducting subjective tests.

13.4.3 The Requirements subgroup thanks Poznan University of Technology for providing new test sequences which will enable to create a satisfying Free Navigation experience.

13.4.4 The Requirements subgroup thanks NICT, Poznan University of Technology, and Zhejiang University for contributing to the CfE.

13.5 Future Video Coding

13.5.1 The Requirements subgroup recommends approval of the following documents

No.	Title	In charge	TBP	Available
	<i>Explorations – Future Video Coding</i>			
16335	Draft requirements for network distributed video coding	Jonatan	Y	16/06/03
16359	Requirements for a future video coding standard v3	Jörn	Y	16/06/03

13.5.2 WG11 requests its members to provide their concerns related to the following proposed requirement: “The standard shall not prevent the inclusion of a Type-1 profile that, although sharing a number of technical elements, is not necessarily in the hierarchy of the other profiles, and does not compromise the functionality of the other profiles.”

13.5.3 The Requirements subgroup confirms that the goal of future video coding standardization is a bit rate reduction of 50% with reasonable implementation complexity for relevant use cases of the standard.

13.5.4 The Video and JVET subgroups recommend approval of the following documents

No.	Title	In charge	TBP	Available
	<i>Explorations – Future Video Coding</i>			
16276	Algorithm description of Joint Exploration Test Model 3 (JEM3)	J. Chen	Y	16/07/07
16277	Work plan for assessment of test material	T. Suzuki	Y	16/06/17
16278	Description of Exploration Experiments on coding tools	E. Alshina	Y	16/06/23

13.6 Genome compression

13.6.1 The Requirements subgroup recommends approval of the following documents

No.	Title	In charge	TBP	Available
	<i>Explorations – Genome compression</i>			
16320	Joint Call for Proposals for Genomic Information Compression and Storage	Claudio Alberti	Y	16/06/03
16321	Evaluation Procedure for the Joint Call for Proposals on Genomic Information Compression and Storage	Claudio Alberti	Y	16/06/03
16322	Database for Evaluation of Genomic Information Compression and Storage	Claudio Alberti	Y	16/06/03
16323	Requirements on Genomic Information Compression and	Claudio	Y	16/06/03

	Storage	Alberti		
16324	Lossy compression framework for Genome Data	Claudio Alberti	Y	16/06/03
16325	Joint AhG on Genomic Information Compression and Storage between ISO/IEC JTC 1/SC 29/ WG 11 (MPEG) and ISO/TC 276/WG 5	Claudio Alberti	N	16/06/03
16326	Benchmark framework for lossy compression of genome sequencing quality values	Claudio Alberti	Y	16/06/03

13.7 Internet of Media Things and Wearables

13.7.1 The 3DG and Requirements subgroups recommend approval of the following documents

No.	Title	In charge	TBP	Available
	<i>Explorations – Media-centric Internet of Things and Wearables</i>			
16345	Use cases for Internet of Media-Things and Wearables	Mihai Mitrea	Y	16/06/03
16346	Requirements on Internet of Media-Things and Wearables	Sang Kyun Kim	Y	16/06/03
16347	Draft Call for Proposal on Media-Things and Wearables	Mihai Mitrea	N	16/06/03
16348	Status of discussion on IoMTW	Sungmoon Chun	N	16/06/03

13.8 Media orchestration

13.8.1 The Requirements subgroup recommends approval of the following documents

No.	Title	In charge	TBP	Available
	<i>Explorations – Media orchestration</i>			
16336	Evaluation Report for CfP on Media Orchestration	Koenen	N	16/06/03
16337	Requirements for Media Orchestration, v.4	Koenen	Y	16/06/03
16338	Second Call for Proposals on Media Orchestration Technologies	Rob Koenen	Y	16/06/03

13.8.2 The Requirements group thanks Kyunghee University, the FP7 LASIE project, LG, and TNO for responding to the CfP on Media Orchestration.

13.8.3 The Requirements group encourages WG11 members to respond to the second CfP on Media Orchestration.

13.9 Point Cloud Compression

13.9.1 The 3DG and Requirements subgroup recommends approval of the following documents

No.	Title	In charge	TBP	Available
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<i>Explorations – Point Cloud Compression</i>				
16330	Requirements for Point Cloud Compression	Rufael	Y	16/06/13
16331	Use cases for Point Cloud Compression	Christian	Y	16/06/13
16332	Evaluation criteria for Point Cloud Compression	Rufael	Y	16/06/13
16333	Draft dataset description for Point Cloud Compression	Christian	Y	16/06/13
16334	Draft CfP for Point Cloud Compression	Rufael	Y	16/06/13

13.10 Visual Identity Privacy Management

13.10.1 The Requirements subgroup recommends approval of the following documents

No.	Title	In charge	TBP	Available
<i>Explorations – Visual Identity Privacy Management</i>				
N16226	Use cases and requirements on Visual Identity Management AF	Cyril	N	16/06/03

14 Management

14.1 Collaboration with ITU-T

14.1.1 The JCT-VC chairmen propose to hold the 25th JCT-VC meeting during 14–21 Oct. 2016 under WG 11 auspices in Chengdu, CN. Subsequent meetings are planned to be held during 12–18 Jan. 2017 under ITU-T auspices in Geneva, CH, and during 31 March – 7 April 2017 under WG 11 auspices in Hobart, AU.

14.1.2 The JCT-VC provides the following list of JCT-VC Ad hoc Groups appointed to progress work in the interim period until the next JCT-VC meeting. The discussion list for all of these Ad Hoc groups will be the main JCT-VC reflector (jct-vc@lists.rwth-aachen.de).

Title	Chairs	Mtg
JCT-VC project management (AHG1)	G. J. Sullivan, J.-R. Ohm (co-chairs)	N
HEVC test model editing and errata reporting (AHG2)	B. Bross, C. Rosewarne (co-chairs), M. Naccari, J.-R. Ohm, K. Sharman, G. J. Sullivan, Y.-K. Wang (vice-chairs)	N
HEVC HM and HDRTools software development and software technical evaluation (AHG3)	K. Sühring (chair), K. Sharman, A. Tourapis, (vice-chairs)	N
HEVC conformance test development (AHG4)	T. Suzuki (chair), R. Joshi, Y. Ye, J. Xu (vice-chairs)	N
SHVC verification test reporting (AHG5)	V. Baroncini, W. Husak, A. K. Ramasubramonian, Y.-K. Wang, Y. Ye (co-chairs)	N
SCC extensions verification testing (AHG6)	V. Baroncini, H. Yu (co-chairs), R. Cohen, A. Duenas, K. Rapaka, X. Xu, J. Xu (vice-chairs)	N

Content colour volume representation (AHG7)	H. M. Oh, A. K. Ramasubramonian, A. Tourapis (co-chairs)	N
SCC extensions software development (AHG8)	B. Li, K. Rapaka (chairs), P. Chuang, R. Cohen, X. Xiu (vice-chairs)	N
SHVC SHM software development and software technical evaluation (AHG9)	G. Barroux, Y. He, V. Seregin (co-chairs)	N
Test sequence material (AHG10)	T. Suzuki, V. Baroncini, R. Cohen (co-chairs), E. Francois, T. K. Tan, P. Topiwala, S. Wenger, H. Yu (vice-chairs)	N
HDR/WCG visual testing (AHG11)	V. Baroncini, P. Topiwala, E. Alshina (co-chairs)	N
HDR/WCG verification test reporting (AHG12)	V. Baroncini (chair), K. Andersson, W. Husak, A. K. Ramasubramonian, G. Sullivan (co-chairs)	N
HDR/WCG conversion and coding practices report development for PQ Y'CbCr 4:2:0 (AHG13)	J. Samuelsson (chair), C. Fogg, A. Norkin, A. Segall, J. Strom, G. Sullivan, P. Topiwala, A. Tourapis, P. Yin (vice-chairs)	N
HDR/WCG technology for backward compatibility, display adaptation, and quality enhancement post-processing (AHG14)	E. Francois (chair), W. Husak, D. Rusanovskyy, P. Topiwala, P. Wu (vice-chairs)	N

14.1.3 The JCT-3V chairmen propose to discontinue activities of JCT-3V after its current 15th meeting.

14.1.4 The JCT-3V thanks all contributors for the great accomplishments that were made in extending the AVC and HEVC standards by 3D video technology.

14.1.5 The JVET coordinators propose to hold the 4th JVET meeting during 15–21 Oct. 2016 under WG 11 auspices in Chengdu, CN. Subsequent meetings are planned to be held, during 12–18 Jan. 2017 under ITU-T auspices in Geneva, CH, and during 1–7 Apr. 2017 under WG 11 auspices in Hobart, AU.

14.1.6 The JVET provides the following list of JVET Ad hoc Groups appointed to progress work in the interim period until the next JVET meeting. The discussion list for all of these Ad Hoc groups will be the main JVET reflector (jvet@lists.rwth-aachen.de).

Title	Chairs	Mtg
Tool evaluation (AHG1)	E. Alshina, M. Karczewicz (co-chairs)	N
JEM algorithm description editing (AHG2)	J. Chen (chair) E. Alshina, J. Boyce (vice chairs)	N
JEM software development (AHG3)	X. Li, K. Suehring (co-chairs)	N
Test material (AHG4)	T. Suzuki (chair), J. Chen, J. Boyce, A. Norkin (vice chairs)	N

Fast encoding, encoding complexity investigation, and configuration settings (AHG5)	K. Choi (chair), X. Li, H. Huang, T. Ikai, P. Philippe (vice chairs)	N
Simplification of decoder-side motion derivation tools (AHG6)	X. Li, E. Alshina (co-chairs)	N
JEM coding of extended colour volume material (AHG7)	A. Segall (chair), S. Lasserre, D. Rusanovskyy (vice chairs)	N
360 video test conditions (AHG8)	J. Boyce (chair), E. Alshina, G. v. d. Auwera, P. Philippe, Y. Ye (vice chairs)	N
Objective quality metrics (AHG9)	P. Nasiopoulos, M. Pourazad (co-chairs)	N

14.2 Best wishes to Sam

14.2.1 WG 11 learns with sadness that Sam Narasimhan has retired. We will miss his constant presence in MPEG dating back a quarter of century and we wish him well for a life – even without system aspects

14.3 WG 11 secretary

14.3.1 WG 11 thanks the Japanese National Body for providing a secretary to the working group and welcomes Ms Mayumi Koike in her new challenging work

14.4 Terms of reference

14.4.1 WG11 recommends approval of the following document

No.	Title	In charge	TBP	Available
	<i>Terms of reference</i>			
16200	Terms of Reference		Y	16/06/03

14.5 Liaisons

14.5.1 The Systems subgroup recommends approval of the following liaison statements

No.	Title	In charge	TBP	Available
	<i>Liaisons</i>			
16233	Liaison Statement to 3GPP on DASH	I. Sodagar	No	16/06/03
16234	Liaison Statement to DASH-IF on DASH	I. Sodagar	No	16/06/03
16235	Liaison Statement to SCTE, IAB on DASH	I. Sodagar	No	16/06/03
16236	Liaison Statement to DVB on DASH	I. Sodagar	No	16/06/03
16358	Liaison Statement to IETF on DASH	I. Sodagar	No	16/06/03
16237	Liaison Statement template on Common Media Application Format	K. Kolarov	No	16/06/03
16238	Liaison Statement to HbbTV on Common Media Application Format	K. Kolarov	No	16/06/03
16239	Liaison Statement to DVB on Common Media Application Format	K. Kolarov	No	16/06/03

16240	Liaison Statement to CableLabs on Common Media Application Format	K. Kolarov	No	16/06/03
16241	Liaison Statement to DTG on Common Media Application Format	K. Kolarov	No	16/06/03
16328	Liaison Statement to DASH-IF on Common Media Application Format	K. Kolarov	No	16/06/03
16242	Liaison Statement to DECE, 3GPP, DASH-IF, BDA on HEVC Sync Samples	M. Dolan	No	16/06/03
16243	Liaison Statement to DVB on TEMI	J. Lefeuvre	No	16/06/03
16244	Liaison Statement to VSF on MPEG-2 Systems	K. Grüneberg	No	16/06/03
16311	Liaison to DVB on Media Orchestration	R. Koenen	No	16/06/03
16313	Liaison to SCTE on ISO/IEC 13818-1 AMD 8	Y. Syed	No	16/06/03

14.5.2 The Video and VC subgroups recommend approval of the following liaison statements

No.	Title	In charge	TBP	Available
	<i>Liaisons</i>			
16279	Liaison statement to SMPTE on ST-2094 Dynamic Metadata	W. Husak	N	16/06/03
16280	Liaison statement to DVB on HEVC frame repetition signalling and HDR	W. Husak	N	16/06/03
16281	Liaison statement to 3GPP on HEVC Screen Content Coding	G. Sullivan	N	16/06/03
16282	Liaison statement to ATSC on HDR video coding	W. Husak	N	16/06/03
16327	Liaison statement to ITU-T SG 16 on video coding collaboration	G. Sullivan	N	16/06/03

14.5.3 The Audio subgroup recommends approval of the following liaison statements

No.	Title	In charge	TBP	Available
	<i>Liaisons</i>			
16307	Response to KRNB on MPEG-H 3D Audio	S.Quackenbush	N	16/06/03
16308	Liaison on MPEG-H 3D Audio File Format	S.Quackenbush	N	16/06/03
16309	Liaison on MPEG-H 3D Audio	S.Quackenbush	N	16/06/03
16310	Liaison to EBU on MPEG-H 3D Audio	S.Quackenbush	N	16/06/03

14.5.4 The 3DG subgroup recommends approval of the following liaison statements

No.	Title	In charge	TBP	Available
	<i>Liaisons</i>			
16349	Liaison Statement to JTC 1/WG 10 on IoT	Francisco	N	16/06/03

14.5.5 WG11 recommends approval of the following documents

No.	Title	In charge	TBP	Available
	<i>Liaisons</i>			
16211	List of organisations in liaison with MPEG		Y	16/06/03

14.6 Editors

14.6.1 WG 11 approves the following document

No.	Title	In charge	TBP	Available
	<i>Editors</i>			
16212	MPEG Standard Editors		N	16/06/03

14.7 Ad hoc groups

14.7.1 WG 11 approves the following document

No.	Title	In charge	TBP	Available
	<i>Ad hoc groups</i>			
16153	List of AHGs Established at the 112th Meeting		Y	16/06/03

14.8 Asset management

14.8.1 WG 11 approves the following document

No.	Title	In charge	TBP	Available
	<i>Assett management</i>			
16205	Schemas	Timmerer	Y	16/06/03
16206	Reference software	Tulvan	N	16/06/03
16207	Conformance	Tulvan	N	16/06/03
16208	Content	Tulvan	N	16/06/03
16209	URIs	Timmerer	Y	16/06/03
16350	Status of MPEG assets	Tulvan	N	16/06/03

14.9 IPR management

14.9.1 WG 11 approves the following document

No.	Title	In charge	TBP	Available
	<i>IPR management</i>			
18210	Call for patent statements on standards under development	Convenor	Y	16/06/03

14.10 Work plan

14.10.1WG 11 approves the following document

No.	Title	In charge	TBP	Available
	<i>Work plan</i>			
16201	MPEG Standards	Secretary	Y	16/06/03
16202	Table of unpublished FDIS	Secretary	N	16/06/03
16203	MPEG Work plan	Convenor	Y	16/06/03
16213	Complete list of all MPEG standards	Convenor	Y	16/06/03
16316	MPEG Strategic Standardisation Roadmap	Koenen	Y	16/06/06
16355	Presentation of MPEG Strategic Standardisation Roadmap	Koenen	N	16/06/06

14.11 Time line

14.11.1WG 11 approves the following document

No.	Title	In charge	TBP	Available
	<i>Time line</i>			
16204	MPEG time line	Convenor	Y	16/06/03

15 Administrative matters

15.1 Schedule of meetings

15.1.1 WG11 adopts the following meeting schedule

#	City	Country	yy	mm-mm	dd-dd
116	Chengdu	CN	16	10	17-21
117	Geneva	CH	17	01	16-20
118	Hobart	AU	17	04	03-07
119	Torino	IT	17	07	17-21
120	Macao	CN	17	10	23-27
121	Ljubljana?	SI	18	01	22-26
122	San Diego, CA	US	18	04	16-20

15.1.2 Note: The location of the 117th meeting will be changed to Marrakesh if the invitation made for the 120th meeting can be changed to January 2017

15.2 Promotion

15.2.1 The Communication subgroup is pleased to inform the working group that the "MPEG column" is now published on mpeg.chiariglione.org with 3 news: MPEG-21 UD, HEVC SCC and MPEG-H 3D Audio

15.2.2 The Communication subgroup recommends approval of the following document

No.	Title	In charge	TBP	Available
	<i>Promotion</i>			
16351	White Paper on Compact Descriptors for Visual Search	Bailer	Y	16/06/17

15.2.3 The Communications subgroup plans to prepare for approval at the next meeting the following communication items:

- White papers: Animation Framework eXtension (AFX), Image File Format, DASH v2
- Column news: Dynamic Range Control, CDVS, ARAF, Free navigation video
- Video: Multimedia Preservation Application Format

15.3 Press release

15.3.1 WG 11 approves the following document

No.	Title	In charge	TBP	Available
	<i>Press release</i>			

16155	Press Release of the 115th Meeting	Timmerer	Y	16/06/03
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15.3.2 WG 11 thanks Arianne Hinds for her long service in overseeing the drafting, publication and distribution of MPEG press releases for 10 years

16 Appreciation

16.1 Convenor's thanks

16.1.1 The Convenor would like to thank Pierrick Philippe and Christian Tulvan for their help in preparing the Friday plenary

16.2 Appreciation for meeting host

16.2.1 WG 11 would like to thank the ITU, in particular Mr Marc Antoine Zanou on behalf of the registration and logistics team, and Mr Simão Campos and Ms Rosa Angeles for the ITU-T Study Group 16 secretariat

16.3 Appreciation for equipment sponsors

16.3.1 WG 11 would like to thank EBU and Technicolor for providing high quality monitors for viewing tests and Vittorio Baroncini for providing a high performance PC

Meeting closed at 2016/06/03T16:50