**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 N18328**

**Geneva, CH – March 2019**

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| --- | --- |
| **Source:** | **Leonardo Chiariglione**  |
| **Title:** | **WG 11 timeline** |

**WG 11 timeline**

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Std** | **Pt** | **Title** | **Type** | **E#** | **125** | **126** | **127** | **128** | **129** | **130** | **131** | **132** |
| 2 | **1**  | Carriage of JPEG XS in MPEG-2 TS | AMD | 1 | **DAM** | **FDAM** |  |  |  |  |  |  |
| 2 | **1**  | Carriage of associated CMAF boxes for AV elementary streams in MPEG-2 TS | AMD | 2 | **WD** | **PDAM** | **DAM** | **DAM** | **FDAM** |  |  |  |
| 4 | **3**  | Audio | STD | 5 | **FDIS** |  |  |  |  |  |  |  |
| 4 | **10**  | Additional supplemental enhancement information | AMD | 1 |  |  |  |  |  |  |  |  |
| 4 | **12**  | Box relative data addressing | AMD | 2 | **DAM** | **FDAM** |  |  |  |  |  |  |
| 4 | **12**  | Corrected audio handling | AMD | 3 | **DAM** | **DAM** | **FDAM** |  |  |  |  |  |
| 4 | **15**  | Carriage of NAL unit structured video in the ISO Base Media File Format | STD | 5 | **FDIS** |  |  |  |  |  |  |  |
| 4 | **22**  | Colour font technology and other updates | AMD | 1 | **PDAM** | **PDAM** | **DAM** | **DAM** | **DAM** | **FDAM** |  |  |
| 4 | **32**  | Reference Software and Conformance for File Format | STD | 1 | **FDIS** |  |  |  |  |  |  |  |
| 4 | **34**  | Registration Authority for MPEG-4 | STD | 1 | **WD** | **CD** | **DIS** | **DIS** | **FDIS** |  |  |  |
| 7 | **16**  | Conformance and Reference Software for CDVA | STD | 1 | **CD** | **DIS** | **DIS** | **FDIS** |  |  |  |  |
| 21 | **22**  | User Description | STD | 2 | **FDIS** |  |  |  |  |  |  |  |
| A | **19**  | HEVC Media Profiles update, new CMAF Structural Brand and other improvements | AMD | 3 | **DAM** | **DAM** | **DAM** | **FDAM** |  |  |  |  |
| A | **21**  | Visual Identity Management Application Format | STD | 1 | **FDIS** |  |  |  |  |  |  |  |
| B | **7**  | Multi-Keyed Samples, Content Sensitive Encryption and Item Protection | AMD | 1 | **DAM** | **DAM** | **FDAM** |  |  |  |  |  |
| B | **13**  | Multimedia Orchestration Reference Software | AMD | 1 | **WD** | **PDAM** | **DAM** | **DAM** | **FDAM** |  |  |  |
| B | **14**  | Partial File Format | STD | 2 | **WD** | **WD** | **WD** | **DIS** | **DIS** | **DIS** | **FDIS** |  |
| B | **15**  | Carriage of Web Resource in ISOBMFF | STD | 1 | **DIS** | **DIS** | **DIS** | **DIS** | **FDIS** |  |  |  |
| D | **3**  | Unified Speech and Audio Coding | STD | 2 | **FDIS** |  |  |  |  |  |  |  |
| D | **4**  | DRC Conformance | AMD | 3 |  |  |  |  |  |  |  |  |
| D | **4**  | Dynamic Range Control Conformance | AMD | 4 |  |  |  |  |  |  |  |  |
| D | **5**  | Uncompressed Audio in MP4 FF | STD | 1 | **CD** | **DIS** | **DIS** | **FDIS** |  |  |  |  |
| V | **7**  | Reference Software and Conformance | STD | 4 | **CD** | **DIS** | **DIS** | **FDIS** |  |  |  |  |
| H | **1**  | MPEG Media Transport | STD | 3 | **WD** | **FDIS** |  |  |  |  |  |  |
| H | **1**  | MPEG Media Transport CDN support | AMD | 3 | **DAM** | **FDAM** |  |  |  |  |  |  |
| H | **2**  | High Efficiency Video Coding | STD | 4 | **FDIS** |  |  |  |  |  |  |  |
| H | **2**  | Additional SEI for HEVC | AMD | 1 | **PDAM** | **DAM** | **DAM** | **FDAM** |  |  |  |  |
| H | **4**  | MMT Reference Software with Network Capabilities | AMD | 1 | **DAM** | **FDAM** |  |  |  |  |  |  |
| H | **4**  | Support for MMTP extensions | AMD | 2 | **WD** | **WD** | **PDAM** | **DAM** | **DAM** | **DAM** | **FDAM** |  |
| H | **6**  | 3D audio reference software | STD | 2 | **DIS** | **FDIS** |  |  |  |  |  |  |
| H | **7**  | MMT Conformance Testing | STD | 1 | **DIS** | **DIS** | **DIS** | **FDIS** |  |  |  |  |
| H | **8**  | Conformance testing for SCC | AMD | 1 | **DAM** | **FDAM** |  |  |  |  |  |  |
| H | **10**  | Window-based FEC code | AMD | 1 | **WD** | **PDAM** | **DAM** | **DAM** | **FDAM** |  |  |  |
| H | **12**  | Image File Format | STD | 3 | **FDIS** |  |  |  |  |  |  |  |
| H | **13**  | MMT Implementation Guidelines | TR | 4 | **WD** | **WD** | **PDTR** | **PDTR** | **TR** |  |  |  |
| DASH | **1**  | Device information and other extensions | AMD | 5 | **DAM** | **DAM** | **FDAM** |  |  |  |  |  |
| DASH | **1**  | Media presentation description and segment formats/Cor.3 | COR | 3 | **COR** |  |  |  |  |  |  |  |
| DASH | **2**  | C & RS for SRD, SAND and Server Push | AMD | 1 | **DAM** | **FDAM** |  |  |  |  |  |  |
| DASH | **3**  | MPEG-DASH Implementation Guidelines | TR | 2 | **WD** | **PDTR** | **TR** |  |  |  |  |  |
| DASH | **4**  | Format Independent Segment encryption and authentication | COR | 1 | **DCOR** | **DCOR** | **COR** |  |  |  |  |  |
| DASH | **7**  | Delivery of CMAF content with DASH | TR | 1 | **WD** | **PDTR** | **TR** |  |  |  |  |  |
| DASH | **8**  | Session based DASH operations | STD | 1 | **WD** | **WD** | **CD** | **DIS** | **DIS** | **DIS** | **FDIS** |  |
| I | **2**  | Omnidirectional MediA Format | STD | 2 | **WD** | **CD** | **DIS** | **DIS** | **FDIS** |  |  |  |
| I | **3**  | Versatile Video Coding | STD | 1 | **WD** | **WD** | **WD** | **CD** | **DIS** | **DIS** | **DIS** | **FDIS** |
| I | **4**  | Immersive Audio | STD | 1 |  | **CfP** | **CfP** | **CfP** | **WD** | **WD** | **CD** |  |
| I | **5**  | Video-based Point Cloud Compression | STD | 1 | **CD** | **DIS** | **DIS** | **FDIS** |  |  |  |  |
| I | **6**  | Immersive Media Metrics | STD | 1 | **WD** | **WD** | **WD** | **CD** | **DIS** | **DIS** | **FDIS** |  |
| I | **7**  | Immersive Media Metadata | STD | 1 | **WD** | **WD** | **WD** | **CD** | **DIS** | **DIS** | **FDIS** |  |
| I | **8**  | Network-Based Media Processing | STD | 1 | **CD** | **CD** | **DIS** | **DIS** | **FDIS** |  |  |  |
| I | **9**  | Geometry-based Point Cloud Compression | STD | 1 | **WD** | **CD** | **CD** | **DIS** | **DIS** | **FDIS** |  |  |
| I | **10**  | Carraige of Point Cloud Data | STD | 1 | **WD** | **CD** | **DIS** | **DIS** | **FDIS** |  |  |  |
| CICP | **4**  | Usage of video signal type code points | TR | 1 | **PDTR** | **TR** |  |  |  |  |  |  |
| G | **1**  | Transport and Storage of Genomic Information | STD | 1 | **FDIS** |  |  |  |  |  |  |  |
| G | **2**  | Genomic Information Representation | STD | 1 | **FDIS** |  |  |  |  |  |  |  |
| G | **3**  | API and Metadata | STD | 1 | **DIS** | **FDIS** |  |  |  |  |  |  |
| G | **4**  | Reference software and conformance | STD | 1 | **CD** | **DIS** | **DIS** | **FDIS** |  |  |  |  |
| G | **5**  | Conformance | STD | 1 | **CD** | **DIS** | **DIS** | **FDIS** |  |  |  |  |
| IOMT | **1**  | IoMT Architecture | STD | 1 | **DIS** | **FDIS** |  |  |  |  |  |  |
| IOMT | **2**  | IoMT Discovery and Communication API | STD | 1 | **DIS** | **FDIS** |  |  |  |  |  |  |
| IOMT | **3**  | IoMT Media Data Formats and API | STD | 1 | **DIS** | **FDIS** |  |  |  |  |  |  |
| IOMT | **4**  | IoMT RS & C | STD | 1 | **WD** | **CD** | **CD** | **DIS** | **DIS** | **FDIS** |  |  |
| 5 | **1**  | Essential Video Coding | STD | 1 | **WD** | **CD** | **DIS** | **DIS** | **FDIS** |  |  |  |
| Exp | **7**  | Immersive video - 3DoF+ | EXP | 1 | **CfP** |  |  |  |  |  |  |  |
| Exp | **7**  | Immersive video - 6DoF | EXP | 2 | **EXP** | **EXP** |  |  |  |  |  |  |
| Exp | **7**  | Compression of dense representation of light fields | EXP | 3 | **EXP** | **EXP** |  |  |  |  |  |  |
| Exp | **28**  | In-advance signalling of MPEG containers content | EXP | 1 | **EXP** |  |  |  |  |  |  |  |
| Exp | **29**  | Compressed Representation of Neural Networks | EXP | 1 | **CfP** |  |  |  |  |  |  |  |
| Exp | **31**  | Capability Extension of Existing Video Codec | EXP | 31 | **CfP** |  |  |  |  |  |  |  |
| Exp | **32**  | Data Compression | EXP | 1 | **CfP** |  |  |  |  |  |  |  |