

**ISO/IEC JTC 1/SC 29/WG 11**

**Coding of moving pictures and audio**

**Convenorship: UNI (Italy)**

**ISO/IEC JTC 1/SC 29/WG 11 N19178**

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| **Email of convenor:** | **leonardo@chiariglione.org** |
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**ISO/IEC JTC 1/SC 29/WG 11**

**CODING OF MOVING PICTURES AND AUDIO**

**ISO/IEC JTC 1/SC 29/WG 11 N19178**

**Alpbach, AT – April 2020**

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| **Source:** | **Convenor** |
| **Title:** | **WG 11 timeline** |

**WG 11 timeline**

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| **Standard** | Pt | **Title** | **Type** | **E#** | **130** | **131** | **132** | **133** | **134** | **135** | **136** |
| MPEG-2 | 1 | Carriage of VVC in MPEG-2 TS | AMD | 2 | **CDAM** | **DAM** | **DAM** | **FDAM** |  |  |  |
| MPEG-2 | 1 | Carriage of EVC in MPEG-2 TS and update of the MPEG-H 3D Audio descriptor | AMD | 3 | **WD** | **CDAM** | **DAM** | **DAM** | **DAM** | **FDAM** |  |
| MPEG-2 | 1 | Corrigendum | COR | 1 | **COR** |  |  |  |  |  |  |
| MPEG-4 | 10 | Items for future corrections of spec | STD | 10 | **WD** | **CD** | **DIS** | **DIS** | **FDIS** |  |  |
| MPEG-4 | 12 | Compact movie fragments | AMD | 4 | **FDAM** |  |  |  |  |  |  |
| MPEG-4 | 12 | EventMessage Track Format | AMD | 5 | **WD** | **CDAM** | **DAM** | **DAM** | **DAM** | **FDAM** |  |
| MPEG-4 | 15 | HEVC Carriage Improvements | AMD | 1 | **FDAM** |  |  |  |  |  |  |
| MPEG-4 | 15 | Carriage of VVC in ISOBMFF | AMD | 2 | **CDAM** | **DAM** | **DAM** | **DAM** | **FDAM** |  |  |
| MPEG-4 | 24 | Second Edition | TR | 1 |  |  |  |  |  |  |  |
| MPEG-4 | 32 | Reference Software and Conformance for File Format | STD | 2 | **CD** | **DIS** | **DIS** | **FDIS** |  |  |  |
| MPEG-4 | 34 | Registration Authority for MPEG-4 | STD | 1 | **CD** | **DIS** | **DIS** | **FDIS** |  |  |  |
| MPEG-7 | 16 | Conformance and Reference Software for Compact Descriptors for Video Analysis | STD | 1 |  |  |  |  |  |  |  |
| MPEG-7 | 17 | Compressed Representation of Neural Networks | STD | 1 | **WD** | **CD** | **DIS** | **DIS** | **FDIS** |  |  |
| MPEG-21 | 22 | User Description [3rd] | STD | 3 | **WD** | **WD** | **CD** | **DIS** | **DIS** | **FDIS** |  |
| MPEG-A | 19 | Additional CMAF HEVC media profiles | AMD | 1 | **DAM** | **DAM** | **DAM** | **FDAM** |  |  |  |
| MPEG-A | 21 | Reference Software and Conformance for Visual Identity Management Application Format | AMD | 1 | **DAM** | **FDAM** |  |  |  |  |  |
| MPEG-A | 22 | Reference Software and Conformance for Multi Image Application Format | AMD | 1 | **DAM** | **DAM** | **DAM** | **FDAM** |  |  |  |
| MPEG-A | 22 | MIAF HEVC Advanced HDR profile and other clarifications | AMD | 2 | **CDAM** | **CDAM** | **DAM** | **DAM** | **DAM** | **FDAM** |  |
| MPEG-A | 22 | Harmonization of MIAF brands, profiles and processing models | AMD | 2 | **CDAM** | **CDAM** | **DAM** | **DAM** | **DAM** | **FDAM** |  |
| MPEG-B | 10 | Support for guided transcoding and spatial relationships | AMD | 1 | **DAM** | **DAM** | **DAM** | **FDAM** |  |  |  |
| MPEG-B | 13 | Multimedia Orchestration Reference Software | AMD | 1 | **WD** | **CDAM** | **DAM** | **DAM** | **FDAM** |  |  |
| MPEG-B | 14 | Partial File Format | STD | 2 | **WD** | **WD** | **DIS** | **DIS** | **DIS** | **FDIS** |  |
| MPEG-B | 14 | Support for HTTP entities, enhanced file type and byte-range priority | AMD | 1 | **WD** | **CDAM** | **DAM** | **DAM** | **FDAM** |  |  |
| MPEG-B | 16 | Derived Visual Tracks in ISOBMFF | STD | 1 | **CD** | **DIS** | **DIS** | **DIS** | **FDIS** |  |  |
| MPEG-C | 7 | Supplemental enhancement information messages for coded video bitstreams | STD | 1 | **DIS** | **FDIS** |  |  |  |  |  |
| MPEG-D | 5 | Uncompressed Audio in MP4 FF | STD | 1 |  |  |  |  |  |  |  |
| MPEG-H | 1 | Support of FCAST | AMD | 1 | **DAM** | **DAM** | **FDAM** |  |  |  |  |
| MPEG-H | 2 | High Efficiency Video Coding | STD | 4 | **FDIS** |  |  |  |  |  |  |
| MPEG-H | 2 | Items for future modifications of spec | STD | 5 | **WD** | **CD** | **DIS** | **DIS** | **FDIS** |  |  |
| MPEG-H | 2 | Additional supplemental enhancement information | AMD | 1 | **FDAM** |  |  |  |  |  |  |
| MPEG-H | 2 | Shutter interval supplemental enhancement information | AMD | 2 | **DAM** | **DAM** | **FDAM** | **FDAM** |  |  |  |
| MPEG-H | 3 | Corrections and Improvements on 3D Audio | AMD | 2 | **DAM** | **FDAM** |  |  |  |  |  |
| MPEG-H | 4 | Support for MMTP extensions | AMD | 1 | **DAM** | **DAM** | **FDAM** |  |  |  |  |
| MPEG-H | 7 | MMT Conformance Testing | STD | 1 | **DIS** | **DIS** | **FDIS** |  |  |  |  |
| MPEG-H | 10 | Window-based FEC code | AMD | 1 | **DAM** | **DAM** | **DAM** | **FDAM** |  |  |  |
| MPEG-H | 12 | support for predictive image coding, bursts, bracketing, and other improvements | AMD | 1 | **FDAM** |  |  |  |  |  |  |
| MPEG-H | 12 | Support for slideshows and other improvements | AMD | 3 |  | **CDAM** | **DAM** | **DAM** | **FDAM** |  |  |
| MPEG-H | 13 | MPEG Media Transport Implementation Guidelines | TR | 4 | **WD** | **WD** | **WD** | **PDTR** | **TR** |  |  |
| MPEG-DASH | 1 | CMAF support, events processing model and other extensions | AMD | 1 | **DAM** | **DAM** | **DAM** | **FDAM** |  |  |  |
| MPEG-DASH | 3 | MPEG-DASH Implementation Guidelines | TR | 2 | **WD** | **PDTR** | **PDTR** | **TR** |  |  |  |
| MPEG-DASH | 4 | Format Independent Segment encryption and authentication/COR 1 | COR | 1 | **DCOR** | **DCOR** | **DCOR** | **COR** |  |  |  |
| MPEG-DASH | 7 | Delivery of CMAF content with DASH | TR | 1 | **WD** | **WD** | **PDTR** | **PDTR** | **TR** |  |  |
| MPEG-DASH | 8 | Session based DASH operations | STD | 1 | **CD** | **DIS** | **DIS** | **DIS** | **FDIS** |  |  |
| MPEG-I | 2 | Omnidirectional MediA Format | STD | 2 | **DIS** | **FDIS** |  |  |  |  |  |
| MPEG-I | 3 | Versatile Video Coding | STD | 1 | **DIS** | **FDIS** |  |  |  |  |  |
| MPEG-I | 4 | Immersive Audio | STD | 1 |  | **CfP** | **CfP** | **WD** | **WD** | **WD** | **CD** |
| MPEG-I | 5 | Video-based Point Cloud Compression | STD | 1 | **DIS** | **FDIS** |  |  |  |  |  |
| MPEG-I | 6 | Immersive Media Metrics | STD | 1 | **DIS** | **DIS** | **DIS** | **FDIS** |  |  |  |
| MPEG-I | 7 | Immersive Video Metadata | STD | 1 |  |  |  |  |  |  |  |
| MPEG-I | 7 | Immersive Audio Metadata | STD | 1 |  |  |  |  |  |  |  |
| MPEG-I | 7 | Immersive Media Metadata | STD | 1 | **WD** | **CD** | **DIS** | **DIS** | **FDIS** |  |  |
| MPEG-I | 8 | NBMP Function Templates | AMD | 1 | **CDAM** | **DAM** | **DAM** | **DAM** | **FDAM** |  |  |
| MPEG-I | 9 | Geometry-based Point Cloud Compression | STD | 1 | **DIS** | **DIS** | **DIS** | **FDIS** |  |  |  |
| MPEG-I | 10 | Carriage of Point Cloud Data | STD | 1 | **DIS** | **DIS** | **DIS** | **FDIS** |  |  |  |
| MPEG-I | 11 | Implementation Guidelines for Network-based Media Processing | TR | 1 | **WD** | **PDTR** | **TR** |  |  |  |  |
| MPEG-I | 12 | Immersive Video | STD | 1 | **CD** | **DIS** | **DIS** | **FDIS** |  |  |  |
| MPEG-I | 13 | Multi-Decoder Video Interface for Immersive Media | STD | 1 | **WD** | **CD** | **DIS** | **DIS** | **FDIS** |  |  |
| MPEG-I | 14 | Extensions to Scene Descriptions for Real-time Media | STD | 1 | **WD** | **CD** | **DIS** | **DIS** | **FDIS** |  |  |
| MPEG-I | 15 | VVC Conformance | STD | 1 | **WD** | **WD** | **CD** | **DIS** | **DIS** | **FDIS** |  |
| MPEG-I | 16 | VVC Reference Software | STD | 1 |  | **WD** | **CD** | **DIS** | **DIS** | **FDIS** |  |
| MPEG-I | 17 | Reference Software and Conformance for OMAF | STD | 1 | **DIS** | **DIS** | **DIS** | **DIS** |  |  |  |
| MPEG-I | 18 | Carriage of Geometry-based Point Cloud Compression Data | STD | 1 | **WD** | **CD** | **CD** | **DIS** | **DIS** |  |  |
| MPEG-I | 19 | Reference Software for V-PCC | STD | 1 |  |  |  |  |  |  |  |
| MPEG-I | 20 | Conformance for V-PCC | STD | 1 |  |  |  |  |  |  |  |
| MPEG-CICP | 2 | Chroma location and corrections | STD | 2 | **CD** | **DIS** | **DIS** | **FDIS** |  |  |  |
| MPEG-CICP | 4 | Usage of video signal type code points | TR | 2 | **TR** |  |  |  |  |  |  |
| MPEG-G | 1 | Transport and storage of genomic information | STD | 2 | **FDIS** |  |  |  |  |  |  |
| MPEG-G | 2 | Genomic Information Representation | STD | 2 | **FDIS** |  |  |  |  |  |  |
| MPEG-G | 4 | Reference software and conformance | STD | 1 | **FDIS** |  |  |  |  |  |  |
| MPEG-G | 5 | Conformance | STD | 1 | **FDIS** |  |  |  |  |  |  |
| MPEG-G | 6 | Genomic Annotation Representation | STD | 1 | **WD** | **CD** | **DIS** | **FDIS** |  |  |  |
| MPEG-IOMT | 4 | IoMT Reference Software and Conformance | STD | 1 | **DIS** | **FDIS** |  |  |  |  |  |
| Exp | 7 | Immersive video - 6DoF | EXP | 2 | **EXP** |  |  |  |  |  |  |
| Exp | 7 | Compression of dense representation of light fields | EXP | 3 | **EXP** |  |  |  |  |  |  |
| Exp | 28 | In-advance signalling of MPEG containers content | EXP | 1 | **EXP** | **EXP** |  |  |  |  |  |
| Exp | 32 | Data Compression | EXP | 1 |  |  |  |  |  |  |  |
| Exp | 33 | MPEG-21 Based Smart Contracts | STD | 1 | **EXP** |  |  |  |  |  |  |
| Exp | 34 | Video Coding for Machines | EXP | 1 | **EXP** |  |  |  |  |  |  |
| Exp | 35 | 5G Opportunities | EXP | 1 | **EXP** |  |  |  |  |  |  |
| MPEG-5 | 1 | Essential Video Coding | STD | 1 | **FDIS** |  |  |  |  |  |  |
| MPEG-5 | 2 | Low Complexity Enhancement Video Coding | STD | 1 | **DIS** | **DIS** | **FDIS** |  |  |  |  |
| MPEG-5 | 3 | Carriage of EVC in MPEG Systems | STD | 1 | **CD** | **DIS** | **DIS** | **DIS** | **FDIS** |  |  |
| MPEG-5 | 4 | Conformance and Reference Software of Essential Video Coding | STD | 1 | **WD** | **CD** | **DIS** | **DIS** | **FDIS** |  |  |