

**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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**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** |
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**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** |  |  |