

**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 N18950**

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**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 N18950**

**Brussels, BE – January 2020**

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| **Title:** | **WG11 work plan** |

**WG11 work plan**

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| **Std** | **Part** | **Title of part** | **Title of deliverable** | **Type** | **E#** |
| 2 | 1 | Systems | Carriage of VVC in MPEG-2 TS | AMD | 2 |
| 2 | 1 | Systems | Corrigendum | COR | 1 |
| 4 | 10 | Advanced Video Coding | Items for future corrections of spec | STD | 10 |
| 4 | 12 | ISO Base Media File Format | Compact movie fragments | AMD | 4 |
| 4 | 12 | ISO Base Media File Format | EventMessage Track Format | AMD | 5 |
| 4 | 15 | Carriage of NAL unit structured video in the ISO Base Media File Format | HEVC Carriage Improvements | AMD | 1 |
| 4 | 15 | Carriage of NAL unit structured video in the ISO Base Media File Format | Carriage of VVC in ISOBMFF | AMD | 2 |
| 4 | 22 | Open Font Format | Colour font technology and other updates | AMD | 1 |
| 4 | 24 | Audio-System interaction | Second Edition | TR | 1 |
| 4 | 32 | Reference software and conformance for file formats | Reference Software and Conformance for File Format [2nd edtion] | STD | 2 |
| 4 | 34 | Registration Authorities | Registration Authority for MPEG-4 | STD | 1 |
| 7 | 16 | Conformance and Reference Software for Compact Descriptors for Video Analysis | Conformance and Reference Software for Compact Descriptors for Video Analysis | STD | 1 |
| 7 | 17 | Compression of neural networks for multimedia content description and analysis | Compressed Representation of Neural Networks | STD | 1 |
| 21 | 22 | User Description | User Description [3rd] | STD | 3 |
| A | 19 | Common Media Application Format | Additional CMAF HEVC media profiles | AMD | 1 |
| A | 21 | Visual Identity Management Application Format | Reference Software and Conformance for Visual Identity Management Application Format | AMD | 1 |
| A | 22 | Multi-Image Application Format | Reference Software and Conformance for Multi Image Application Format | AMD | 1 |
| B | 10 | Carriage of Timed Metadata Metrics of Media in ISO Base Media File Format | Support for guided transcoding and spatial relationships | AMD | 1 |
| B | 13 | Media orchestration | Multimedia Orchestration Reference Software | AMD | 1 |
| B | 14 | Partial File Format | Partial File Format | STD | 2 |
| B | 14 | Partial File Format | Support for HTTP entities, enhanced file type and byte-range priority | AMD | 1 |
| B | 16 | Derived Visual Tracks in ISOBMFF | Derived Visual Tracks in ISOBMFF | STD | 1 |
| C | 7 | Supplemental enhancement information messages for coded video bitstreams | Supplemental enhancement information messages for coded video bitstreams | STD | 1 |
| D | 5 | Uncompressed Audio in MP4 FF | Uncompressed Audio in MP4 FF | STD | 1 |
| H | 1 | MPEG Media Transport | Support of FCAST | AMD | 1 |
| H | 2 | High Efficiency Video Coding | Items for future modifications of spec | STD | 5 |
| H | 2 | High Efficiency Video Coding | Additional supplemental enhancement information for HEVC | AMD | 1 |
| H | 2 | High Efficiency Video Coding | Shutter interval supplemental enhancement information | AMD | 2 |
| H | 3 | 3D Audio | Corrections and Improvements on 3D Audio | AMD | 2 |
| H | 4 | MMT Reference Software | Support for MMTP extensions | AMD | 1 |
| H | 7 | MMT Conformance testing | MMT Conformance Testing | STD | 1 |
| H | 10 | MPEG Media Transport FEC Codes | Window-based FEC code | AMD | 1 |
| H | 12 | Image File Format | support for predictive image coding, bursts, bracketing, and other improvements | AMD | 1 |
| H | 13 | MMT Implementation Guidelines | MPEG Media Transport Implementation Guidelines | TR | 4 |
| DASH | 1 | Media presentation description and segment formats | CMAF support, events processing model and other extensions | AMD | 1 |
| DASH | 3 | Implementation guidelines | MPEG-DASH Implementation Guidelines | TR | 2 |
| DASH | 4 | Format Independent Segment encryption and authentication | Format Independent Segment encryption and authentication/COR 1 | COR | 1 |
| DASH | 7 | Delivery of CMAF content with DASH | Delivery of CMAF content with DASH | TR | 1 |
| DASH | 8 | Session based DASH operations | Session based DASH operations | STD | 1 |
| I | 2 | Omnidirectional MediA Format | Omnidirectional MediA Format [2nd edition] | STD | 2 |
| I | 3 | Versatile Video Coding | Versatile Video Coding | STD | 1 |
| I | 4 | Immersive Audio | Immersive Audio | STD | 1 |
| I | 5 | Video-based Point Cloud Compression | Video-based Point Cloud Compression | STD | 1 |
| I | 6 | Immersive Media Metrics | Immersive Media Metrics | STD | 1 |
| I | 7 | Immersive Media Metadata | Immersive Media Metadata | STD | 1 |
| I | 7 | Immersive Media Metadata | Immersive Audio Metadata | STD | 1 |
| I | 7 | Immersive Media Metadata | Immersive Video Metadata | STD | 1 |
| I | 8 | Network-based Media Processing | Network-Based Media Processing | STD | 1 |
| I | 8 | Network-based Media Processing | NBMP Function Templates | AMD | 1 |
| I | 9 | Geometry-based Point Cloud Compression | Geometry-based Point Cloud Compression | STD | 1 |
| I | 10 | Carriage of Video-based Point Cloud Compression Data | Carriage of Point Cloud Data | STD | 1 |
| I | 11 | Implementation Guidelines for Network-based Media Processing | Implementation Guidelines for Network-based Media Processing | TR | 1 |
| I | 12 | Immersive Video | Immersive Video | STD | 1 |
| I | 13 | Video Decoding Interface for Immersive Media | Multi-Decoder Video Interface for Immersive Media | STD | 1 |
| I | 14 | Scene Description for MPEG Media | Extensions to Scene Descriptions for Real-time Media | STD | 1 |
| I | 15 | Conformance Testing for Versatile Video Coding | VVC Conformance | STD | 1 |
| I | 16 | Reference Software for Versatile Video Coding | VVC Reference Software | STD | 1 |
| I | 17 | Reference Software and Conformance for Omnidirectional MediA Format | Reference Software and Conformance for OMAF | STD | 1 |
| I | 18 | Carriage of Geometry-based Point Cloud Compression Data | Carriage of Geometry-based Point Cloud Compression Data | STD | 1 |
| CICP | 2 | Video | Items for future corrections of spec | STD | 2 |
| CICP | 4 | Usage of video signal type code points | Usage of video signal type code points second edition | TR | 2 |
| G | 1 | Transport and Storage of Genomic Information | 2nd Edition including Corrigendum on Transport | STD | 2 |
| G | 2 | Genomic Information Representation | 2nd Edition including Corrigendum on Representation | STD | 2 |
| G | 4 | Reference Software | Reference software and conformance | STD | 1 |
| G | 5 | Conformance | Conformance | STD | 1 |
| G | 6 | Genomic Annotation Representation | Genomic Annotation Representation | STD | 1 |
| IOMT | 4 | IoMT Reference Software and Conformance | IoMT Reference Software and Conformance | STD | 1 |
| 5 | 1 | Essential Video Coding | Essential Video Coding | STD | 1 |
| 5 | 2 | Low Complexity Enhancement Video Coding | Low Complexity Enhancement Video Coding | STD | 1 |
| 5 | 3 | Carriage of Essential Video Coding | Carriage of EVC in MPEG Systems | STD | 1 |
| 5 | 4 | Conformance and Reference Software of Essential Video Coding | Conformance and Reference Software of Essential Video Coding | STD | 1 |
| Expl | 7 | Immersive Video | Immersive video - 6DoF | EXP | 2 |
| Expl | 7 | Immersive Video | Compression of dense representation of light fields | EXP | 3 |
| Expl | 28 | In advance signalling of MPEG containers content | In-advance signalling of MPEG containers content | EXP | 1 |
| Expl | 32 | Data Compression | Data Compression | EXP | 1 |
| Expl | 33 | MPEG-21 Based Smart Contracts | MPEG-21 Based Smart Contracts | STD | 1 |
| Expl | 34 | Video Coding for Machines | Video Coding for Machines | EXP | 1 |
| Expl | 35 | 5G Opportunities | 5G Opportunities | EXP | 1 |