

**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 N18336**

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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 N18336**

**Geneva, CH – March 2019**

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**Call for patent statements on standards under development**

Legend

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| --- | --- | --- |
| Std | ISO/IEC | Title |
| 1 | 11172 | Coding of moving pictures and associated audio for digital storage media at up to about 1,5 Mbit/s |
| 2 | 13818 | Generic coding of moving pictures and associated audio information |
| 4 | 14496 | Coding of audio-visual objects |
| 7 | 15938 | Multimedia content description interface |
| 21 | 21000 | Multimedia Framework |
| A | 23000 | Multimedia Application Formats |
| B | 23001 | MPEG systems technologies |
| C | 23002 | MPEG video technologies |
| D | 23003 | MPEG audio technologies |
| E | 23004 | Multimedia Middleware |
| V | 23005 | Media context and control |
| M | 23006 | Multimedia service platform technologies |
| U | 23007 | Rich media user interfaces |
| H | 23008 | High efficiency coding and media delivery in heterogeneous environments |
| DASH | 23009 | Dynamic adaptive streaming over HTTP (DASH) |
| I | 23090 | Coded representation of immersive media |
| CICP | 23091 | Coding-Independent Code-Points |
| G | 23092 | Genomic Information Representation |
| IoMT | 23093 | Internet of Media Things |
| 5 | 23094 | General Video Coding |

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| Std | Pt | Title | Type |  | **Curr.** |
| 2 | 1  | Carriage of JPEG XS in MPEG-2 TS | AMD | 1 | **DAM** |
| 2 | 1  | Carriage of associated CMAF boxes for audio-visual elementary streams in MPEG-2 TS | AMD | 2 | **WD** |
| 4 | 3  | Audio | STD | 5 | **FDIS** |
| 4 | 12  | Box relative data addressing | AMD | 2 | **FDAM** |
| 4 | 12  | Corrected audio handling | AMD | 3 | **DAM** |
| 4 | 12  | Compact movie fragments | AMD | 4 | **PDAM** |
| 4 | 22  | Colour font technology and other updates | AMD | 1 | **PDAM** |
| 4 | 34  | Registration Authority for MPEG-4 | STD | 1 | **WD** |
| 7 | 16  | Conformance and Reference Software for Compact Descriptors for Video Analysis | STD | 1 | **DIS** |
| A | 19  | HEVC Media Profiles update, new CMAF Structural Brand and other improvements | AMD | 3 | **DAM** |
| B | 7  | Multi-Keyed Samples, Content Sensitive Encryption and Item Protection | AMD | 1 | **DAM** |
| B | 13  | Multimedia Orchestration Reference Software | AMD | 1 | **WD** |
| B | 14  | Partial File Format | STD | 2 | **WD** |
| B | 15  | Carriage of Web Resource in ISOBMFF | STD | 1 | **DIS** |
| D | 3  | Unified Speech and Audio Coding | STD | 2 | **FDIS** |
| D | 5  | Uncompressed Audio in MP4 FF | STD | 1 | **DIS** |
| V | 7  | Reference Software and Conformance | STD | 4 | **DIS** |
| H | 1  | MPEG Media Transport | STD | 3 | **FDIS** |
| H | 1  | Support of FCAST | AMD | 1 | **PDAM** |
| H | 1  | MPEG Media Transport CDN support | AMD | 3 | **FDAM** |
| H | 2  | Additional supplemental enhancement information for HEVC | AMD | 1 | **PDAM** |
| H | 3  | Additional Metadata | AMD | 5 | **FDAM** |
| H | 4  | MMT Reference Software with Network Capabilities | AMD | 1 | **FDAM** |
| H | 4  | Support for MMTP extensions | AMD | 2 | **WD** |
| H | 6  | 3D audio reference software | STD | 2 | **FDIS** |
| H | 7  | MMT Conformance Testing | STD | 1 | **DIS** |
| H | 8  | Conformance testing for Screen Content Coding | AMD | 1 | **FDAM** |
| H | 10  | Window-based FEC code | AMD | 1 | **WD** |
| H | 13  | MPEG Media Transport Implementation Guidelines | TR | 4 | **WD** |
| DASH | 1  | Media Presentation Description and Segment Formats | STD | 4 | **WD** |
| DASH | 1  | Client event and timed metadata processing | AMD | 1 | **WD** |
| DASH | 1  | Device information and other extensions | AMD | 5 | **FDAM** |
| DASH | 2  | Conformance and reference software regarding SRD, SAND and Server Push | AMD | 1 | **FDAM** |
| DASH | 3  | MPEG-DASH Implementation Guidelines | TR | 2 | **WD** |
| DASH | 5  | Improvements on SAND messages | AMD | 1 | **DAM** |
| DASH | 7  | Delivery of CMAF content with DASH | TR | 1 | **WD** |
| DASH | 8  | Session based DASH operations | STD | 1 | **WD** |
| I | 2  | Omnidirectional MediA Format | STD | 2 | **WD** |
| I | 3  | Versatile Video Coding | STD | 1 | **WD** |
| I | 5  | Video-based Point Cloud Compression | STD | 1 | **CD** |
| I | 6  | Immersive Media Metrics | STD | 1 | **WD** |
| I | 7  | Immersive Media Metadata | STD | 1 | **WD** |
| I | 8  | Network-Based Media Processing | STD | 1 | **CD** |
| I | 9  | Geometry-based Point Cloud Compression | STD | 1 | **CD** |
| I | 10  | Carriage of Point Cloud Data | STD | 1 | **WD** |
| CICP | 4  | Usage of video signal type code points | TR | 1 | **TR** |
| CICP | 4  | Usage of video signal type code points second edition | TR | 2 | **WD** |
| G | 3  | API and Metadata | STD | 1 | **FDIS** |
| G | 4  | Reference software and conformance | STD | 1 | **CD** |
| G | 5  | Conformance | STD | 1 | **CD** |
| IOMT | 1  | IoMT Architecture | STD | 1 | **DIS** |
| IOMT | 2  | IoMT Discovery and Communication API | STD | 1 | **FDIS** |
| IOMT | 3  | IoMT Media Data Formats and API | STD | 1 | **FDIS** |
| IOMT | 4  | IoMT Reference Software and Conformance | STD | 1 | **CD** |