**INTERNATIONAL ORGANISATION FOR STANDARDISATION**

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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 N16810**

**Hobart, AU – April 2017**

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| **Source:** | **Convenor** |
| **Title:** | **Call for patent statements on standards under development** |

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

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| --- | --- | --- | --- | --- |
| **Std** | **Pt** | **Edit.** | **A/E** | **Description** |
| 2 | 1 | 201x | A9 | Ultra low latency JP2K |
| 2 | 1 | 201x | A10 | Support for sample variants |
| 2 | 1 | 201x | A11 | Carriage of HEVC Tiles |
| 4 | 4 | 2004 | A46 | IVC Conformance |
| 4 | 5 | 2001 | A41 | IVC RS |
| 4 | 5 | 2001 | A43 | New levels of ALS Sample prof |
| 4 | 10 | 201x | A1 | Additional SEI msg |
| 4 | 12 | 2015 | A2 | Support for Image File Format |
| 4 | 15 | 2014 | A1 | Unspec. NAL Unit Types etc. |
| 4 | 15 | 2014 | A2 | Additional Brands |
| 4 | 26 | 201x | A5 | C new levels of AIS Simple prof |
| 4 | 30 | 201x | A1 | CTA 708 captioning in SEI msg |
| 4 | 32 | 201x | E1 | FF RS |
| 4 | 33 | 201x | E1 | Internet Video Coding |
| 21 | 19 | 201x | A1 | Time segments |
| A | 13 | 201x | E2 | ARAF |
| A | 13 | 201x | A1 | ARAF RS & C |
| A | 19 | 201x | E1 | CMAF |
| A | 19 | 201x | A1 | Media profile for SHVC & audio |
| B | 11 | 201x | A2 | Green Metadata C&RS |
| B | 12 | 2015 | A1 | Sample Var. for multiple enc. |
| B | 13 | 201x | E1 | MORE |
| B | 14 | 2015 | A3 | Partial file storage |
| C | 4 | 201x | A1 | VTL ext for HEVC Main 10 |
| D | 1 | 201x | A4 | RF for 3D Audio in MPEG Surr. |
| D | 3 | 201x | A4 | Stream ID and FF groups |
| D | 4 | 201x | A3 | DRC Conformance |
| D | 4 | 201x | A4 | DRC Profiles |
| V | 1 | 201x | E4 | Architecture |
| V | 2 | 201x | E4 | Control information |
| V | 3 | 201x | E4 | Sensory information |
| V | 4 | 201x | E4 | Virtual world object charact. |
| V | 5 | 201x | E4 | Data formats for inter. devices |
| V | 6 | 201x | E4 | Common types and tools |
| M | 1 | 201x | E3 | Architecture |
| H | 1 | 201x | A2 | Mobile MMT |
| H | 1 | 201x | A3 | CDN Support |
| H | 2 | 201x | A1 | Additional colour description |
| H | 2 | 201x | A2 | Main 10 still picture profile |
| H | 2 | 201x | A3 | Additional SEI msg |
| H | 5 | 201x | A1 | RS for SCC |
| H | 6 | 201x | E1 | 3D Audio RS |
| H | 7 | 201x | E1 | MMT Conformance |
| H | 8 | 201x | A1 | C for SCC |
| H | 9 | 201x | E1 | 3D Audio Conf. |
| H | 11 | 201x | A1 | Customization in CI |
| H | 13 | 201x | E3 | MMT Implementation guidelines |
| H | 15 | 201x | T1 | Signalling, BC & HDR dis adapt |
| DA | 1 | 201x | E3 | MPD & segment formats |
| DA | 4 | 201x | E2 | Segment encryption & authent. |
| DA | 6 | 201x | E1 | FDH |
| I | 2 | 201x | E1 | Omnidirectional Media AF |
| I | 5 | 201x | E1 | Point Cloud Compression |
| CI | 1 | 201x | E1 | CICP-Systems |
| CI | 1 | 201x | E1 | CICP-Video |
| CI | 1 | 201x | E1 | CICP-Audio |
| G | 1 | 201x | E1 | Transport and Storage of GI |
| G | 2 | 201x | E1 | Coding of GI |
| G | 3 | 201x | E1 | API |
| G | 4 | 201x | E1 | Reference SW |
| G | 5 | 201x | E1 | Conformance |
| IO | 1 | 201x | E1 | IoMT Architecture |
| IO | 2 | 201x | E1 | IoMT Discov. & Comm. API |
| IO | 3 | 201x | E1 | IoMT Media Data formats & API |
| AR |  | 201x | E1 | ARRM |

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| **Std** | **Pt** | **Edit.** | **A/E** | **Description** | **CD** | **DIS** | **FDIS** |
| 2 | 1 | 201x | A7 | Virtual segments | 15/10 | 16/02 | 16/10 |
| 2 | 1 | 201x | A8 | Carriage of HDR/WCG in MPEG-2 Systems | 16/02 | 16/06 | 17/01 |
| 2 | 1 | 201x | A9 | Ultra low latency JP2K | 16/10 | 17/01 | 17/07 |
| 4 | 3 | 2009 | A6 | Levels and downmix coeff | 15/10 | 16/02 | 17/04 |
| 4 | 4 | 2004 | A44 | Conformance of VCB | 14/07 | 14/10 | 17/01 |
| 4 | 4 | 2004 | A46 | IVC Conformance | 15/10 | 16/02 | 17/01 |
| 4 | 5 | 2001 | A38 | VCB RS | 14/07 | 14/10 | 17/01 |
| 4 | 5 | 2001 | A41 | IVC RS | 15/10 | 16/02 | 17/01 |
| 4 | 10 | 2014 | A4 | Progressive Hi10 Prof. | 16/02 | 16/06 | 17/01 |
| 4 | 10 | 201x | E9 | Advanced Video Coding |  |  | 17/01 |
| 4 | 10 | 201x | A1 | Additional SEI | 17/01 | 17/04 | 17/10 |
| 4 | 12 | 2015 | A2 | Support for Image File Format | 16/06 | 16/10 | 17/04 |
| 4 | 22 | 201x | A2 | Layout features | 16/02 | 16/06 | 17/01 |
| 4 | 30 | 201x | A1 | Support for CTA 708 captioning in SEI message | 16/06 | 16/10 | 17/04 |
| 4 | 31 | 201x | E1 | Video coding for browsers | 14/04 | 16/07 | 17/01 |
| 4 | 33 | 201x | E1 | Internet Video Coding | 15/06 | 15/10 | 17/01 |
| 21 | 19 | 201x | A1 | Time segments | 16/06 | 16/10 | 17/04 |
| A | 13 | 201x | A1 | ARAF RS & C | 15/10 | 16/02 | 17/04 |
| A | 19 | 201x | A1 | Common Media Application Format | 16/06 | 16/10 | 17/04 |
| A | 20 | 201x | E1 | Omnidirectional Media AF | 17/01 | 17/04 | 17/10 |
| B | 11 | 201x | A2 | Green Metadata C&RS | 16/02 | 16/06 | 17/04 |
| B | 13 | 201x | E1 | MORE | 17/01 | 17/04 | 17/10 |
| C | 6 | 201x | E1 | Tools for reconf. media coding implementation | 16/06 |  | 17/01 |
| D | 4 | 201x | A2 | DRC Reference Software |  | 16/06 | 17/01 |
| D | 4 | 201x | A3 | DRC Conformance | 16/06 | 17/04 | 17/10 |
| V | 1 | 201x | E4 | Architecture | 16/02 | 17/04 | 17/10 |
| V | 2 | 201x | E4 | Control information | 16/02 | 17/04 | 17/10 |
| V | 3 | 201x | E4 | Sensory information | 16/02 | 17/04 | 17/10 |
| V | 4 | 201x | E4 | Virtual world object characteristics | 16/02 | 17/04 | 17/10 |
| V | 5 | 201x | E4 | Data formats for interaction devices | 16/02 | 17/04 | 17/10 |
| V | 6 | 201x | E4 | Common types and tools | 16/02 | 17/04 | 17/10 |
| M | 1 | 201x | E3 | Architecture | 15/10 | 16/02 | 17/04 |
| H | 1 | 201x | A2 | Mobile MMT | 16/10 | 17/01 | 17/07 |
| H | 2 | 201x | A1 | Additional colour description | 16/06 | 16/10 | 17/04 |
| H | 2 | 201x | A2 | Main 10 still picture profile | 16/10 | 17/01 | 17/07 |
| H | 2 | 201x | A3 | Additional SEI | 17/01 | 17/04 | 17/10 |
| H | 5 | 201x | A1 | RS for SCC | 16/02 | 16/06 | 17/04 |
| H | 6 | 201x | E1 | 3D Audio RS | 16/06 | 16/10 | 17/04 |
| H | 7 | 201x | E1 | MMT Conformance | 16/10 | 17/04 | 17/10 |
| H | 8 | 201x | A1 | C for SCC | 17/04 | 17/07 | 18/01 |
| H | 9 | 201x | E1 | 3D Audio Conf. | 16/06 | 17/01 | 17/10 |
| H | 14 | 201x | T1 | HDR-10 best practices | 16/10 |  | 17/01 |
| H | 15 | 201x | T1 | Signalling, BC and display adaptation for HDR | 17/04 |  | 17/07 |
| DA | 6 | 201x | E1 | FDH | 16/02 | 16/10 | 17/04 |
| DA | 7 | 201x | T1 | CMAF with DASH | 17/04 |  | 17/07 |
| CI | 1 | 201x | E1 | CICP-Systems |  |  | 17/01 |
| CI | 1 | 201x | E1 | CICP-Video |  |  | 17/01 |
| CI | 1 | 201x | E1 | CICP-Audio |  |  | 17/01 |
| AR |  | 201x | E1 | ARRM | 16/02 | 16/10 | 17/04 |