 ISO/IEC JTC 1/SC 29/WG 03 N676

**ISO/IEC JTC 1/SC 29/WG 03  
MPEG Systems   
Convenorship: KATS (Korea, Republic of)**

**Document type:** Meeting

**Title:** List of WG 03 AHGs established at the 9th meeting

**Status:** Approved

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**Email of Convenor:** young.L @ samsung . com

**Committee URL:** <https://isotc.iso.org/livelink/livelink/open/jtc1sc29wg3>

**INTERNATIONAL ORGANIZATION FOR STANDARDIZATION**

**ORGANISATION INTERNATIONALE DE NORMALISATION**

**ISO/IEC JTC 1/SC 29/WG 3 MPEG SYSTEMS**

**ISO/IEC JTC 1/SC 29/WG 03 N** **0676**

**July 2022, Virtual**

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| **Title** | **List of WG 03 AHGs established at the 8th meeting** |
| **Source** | **Convenor** |
| **Serial Number** | **21955** |

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| **Name** | **AHG on Font Format** | | |
| **Mandates** | 1. Review the text of the updated Working Draft of ISO/IEC 14496-22 (5th edition).  2. Explore potential future changes and updates, and propose new items (if applicable) for consideration in the 5th edition of the OFF specification. | | |
| **Chairmen** | Vladimir Levantovsky | | |
| **Duration** | Until next meeting | | |
| **Reflector(s)** | mpeg-otspec@lists.aau.at; https://github.com/MPEGGroup/OpenFontFormat | | |
| **Subscribe** | https://lists.aau.at/mailman/listinfo/mpeg-otspec | | |
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| **Meeting** | Zoom conference call may be held, if necessary (detailed information will be posted to the AHG reflector) | Room Size |  |
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| **Name** | **AhG on Carriage of Green Metadata** | | |
| **Mandates** | 1. Study extensions of 23001-11 on decoding complexity metrics for decoder-power reduction for EVC  2. Prepare CD of AMD1 of 23001-11 3rd edition for EVC  3. Study potential improvements of 23001-11 3rd edition | | |
| **Chairmen** | Edouard Francois, Christian Herglotz, Yong He | | |
| **Duration** | Until next MPEG meeting | | |
| **Reflector(s)** | gen-sys@lists.aau.at – use [green] in email header | | |
| **Subscribe** | http://lists.aau.at/mailman/listinfo/gen-sys | | |
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| **Meeting** | Several online sessions before the next MPEG meeting if necessary | Room Size |  |
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| **Name** | **AhG on Smart Contracts for Media** | | |
| **Mandates** | 1. Solicit industry participation and contributions for ISO/IEC 23000-23 Decentralized Media Rights Application Format based on ISO/IEC 21000-23 Smart Contracts for Media  2. Study and solicit contributions (e.g., technologies and APIs) for ISO/IEC 23000-23 Decentralized Media Rights Application Format in the following areas:  o Smart contracts and DLTs  o Rights and metadata management  o Content and creator IDs  o File formats and streaming protocols  3. Study and improve the Technologies under Consideration (TuC) ISO/IEC 23000-23 Decentralized Media Rights Application Format document towards a Working Draft (WD) | | |
| **Chairmen** | Panos Kudumakis and Mirko Zichichi | | |
| **Duration** | Until the 141st MPEG meeting | | |
| **Reflector(s)** | smart-contracts@lists.aau.at | | |
| **Subscribe** | https://lists.aau.at/mailman/listinfo/smart-contracts | | |
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| **Meeting** | Biweekly calls starting Wed 9 Nov. 2022, all at 14:00 UTC (2 h) | Room Size |  |
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| **Name** | **AhG on Video Decoding Interface** | | |
| **Mandates** | 1. To study TuC, and solicit contributions to improve it  2. To solicit contributions to improve the proposed input formatting library on gitlab (https://gitlab.com/mpeg-i/video-decoding-interface/libbeam)  3. To solicit open source implementation of OpenMAX, MSE or Vulkan to be used as a starting point of implementation of VDI extensions.  4. Communicate with Khronos on the API extensions and other relevant topics related to VDI | | |
| **Chairmen** | Youngkwon Lim, Emmanuel Thomas, Thomas Stockhammer | | |
| **Duration** | Until the 10th MPEG Systems WG meeting | | |
| **Reflector(s)** | gen-sys@lists.aau.at | | |
| **Subscribe** | https://lists.aau.at/mailman/listinfo/gen-sys | | |
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| **Meeting** | no meeting | Room Size |  |
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| **Name** | **AHG on Systems Technologies for Volumetric Media** | | |
| **Mandates** | 1. Study and solicit contributions to improve 23090-10, 23090-18 and their amendments  2. Discuss open issues in MPEG Git (http://mpegx.int-evry.fr/software/MPEG/Systems/PCC-SYS) and propose recommended dispositions  3. Study commonalities among 23090-2, 23090-10 and 23090-18 and propose common metadata definition to be moved to 23090-7  4. Study reference software and conformance for 23090-10 and 23090-18 and solicit contribution to improve them.  5. Study 23090-27 and 23090-28 related documents and solicit contributions regarding systems technologies for them. | | |
| **Chairmen** | Youngkwon Lim, Lauri Ilola | | |
| **Duration** | until the 10th MPEG Systems WG meeting | | |
| **Reflector(s)** | gen-sys@lists.aau.at | | |
| **Subscribe** | http://lists.aau.at/mailman/listinfo/gen-sys | | |
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| **Meeting** | - biweekly conference calls (detail information will be announced to the gen-sys reflector) | Room Size |  |
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| **Name** | **AhG on Omnidirectional MediA Format (OMAF)** | | |
| **Mandates** | 1) Study the TuC of immersive media metrics.  2) Study the server-side dynamic adaptation and rendering requirements of MPEG-I phase 2 and TuC of OMAF.  3) Preparation of OMAF version 2 reference software and conformance  4) Maintain relationship with relevant SDOs, e.g., VRIF, 3GPP SA4 | | |
| **Chairmen** | Sachin Deshpande, Ye-Kui Wang, Youngkwon Lim | | |
| **Duration** | Until the next WG3 Meeting | | |
| **Reflector(s)** | gen-sys@lists.aau.at | | |
| **Subscribe** | http://lists.aau.at/mailman/listinfo/gen-sys | | |
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| **Meeting** | Online AHG meeting (as required) will be announced 2 weeks in advance. | Room Size |  |
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| **Name** | **AHG on Application Formats** | | |
| **Mandates** | CMAF (Common Media Application Format)  1. Study the TuC and the Proposed WD and solicit further input  2. Study the DIS of Amd 1 of Ed. 3 and solicit final comments  3. Clarify the text regarding edit list  4. Study the potential issues regarding width and height fields  5. Solicit further contributions on CMAF conformance and test vectors  6. Solicit feedback on the open issues on GitHub and GitLab  MIAF (Multi-Image Application Format)  1. Study the WD and solicit further input  2. Solicit feedback on the open issues on GitHub and GitLab | | |
| **Chairmen** | Krasimir Kolarov; Cyril Concolato | | |
| **Duration** | until 141st meeting | | |
| **Reflector(s)** | CMAF - mpeg-cmaf@lists.aau.at  MIAF, VIAF - mpeg-maf-dev@lists.aau.at | | |
| **Subscribe** | CMAF - https://lists.aau.at/mailman/listinfo/mpeg-cmaf  MIAF, VIMAF - https://lists.aau.at/mailman/listinfo/mpeg-maf-dev | | |
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| **Meeting** |  | Room Size |  |
| AF Conference call, January 12, 2023, 16:00-18:00 UTC |  | |

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| **Name** | **AhG on MPEG DASH** | | |
| **Mandates** | 1. Study and improve Part 1 Draft text of FDAM 1 (WG3N0734) and AMD2 Working Draft (WG3N 0701)  2. Study technologies under consideration (TuC; WG3 N0694) and defect under investigation (DuI; WG3 N0684)  3. Continue to work on conformance and reference software  4. Finalize the signaling and improve the corresponding text in the AMD2 Working draft for supporting picture-in-picture  5. Study Part 1 Annex I, its usability, its extensibility and provide a path for extending its support.  6. Investigate the audio decode during the period transition as indicated in TuC. | | |
| **Chairmen** | Iraj Sodagar, Christian Timmerer, Ali C. Begen | | |
| **Duration** | Until the next MPEG meeting | | |
| **Reflector(s)** | dash@lists.aau.at | | |
| **Subscribe** | https://lists.aau.at/mailman/listinfo/dash | | |
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| **Meeting** |  | Room Size |  |
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| **Name** | **AhG on Encoder and Packager Synchronization** | | |
| **Mandates** | 1. Continue working on the WD and solicit technical and editorial feedback, and produce the draft text of the Committee Draft.  2. Review the open gitlab issues  3. Improve the text for DRM interop (CPIX) | | |
| **Chairmen** | Rufael Mekuria  Yasser Syed  Khaled Jerbi | | |
| **Duration** | Until the next meeting | | |
| **Reflector(s)** | synched-encoding@lists.aau.at | | |
| **Subscribe** | https://lists.aau.at/mailman/roster/synched-encoding | | |
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| **Meeting** | Two calls, one in late Nov and one early January. To be announced at least two weeks before the calls on the reflector. | Room Size |  |
| Zoom links: To be posted in the reflector |  | |

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| **Name** | **AhG on MPEG File Formats** | | |
| **Mandates** | 1. Discuss and address the Github and Gitlab issues.  2. Support the groups using the file formats (including audio, DASH, CMAF, OMAF, MIAF, V3C systems, Haptics, NBMP et al.)  3. Study the Technologies under Consideration and Working Draft documents and propose improvements. Study the defect reports and propose corrigendum text.  4. Study the proposed clarifications on the definition of brands and the use of versions, particularly in the ISO base media file format, and suggest improvements.  5. Maintain and update the conformance streams, reference software, white papers and one-pagers, and registration authority, as needed. Study whether conformance checking can be (maybe partially) automated, and how the specifications and conformance can be managed as a coordinated workflow. Study the license of the reference software.  6. Check the specifications for unregistered MIME types and parameters and start registering them. Audit files as needed for the MP4RA.  7. Explore options for frame rate signalling in ISO base media file format.  8. Study processes to improve cross-verification of MPEG file format standards and continue the discussion on m60397  9. (New) Explore alignment of DASH/CMAF/FF terminology, concepts and solutions | | |
| **Chairmen** | Cyril Concolato and Miska Hannuksela | | |
| **Duration** | Until next meeting | | |
| **Reflector(s)** | mp4-sys@lists.aau.at  https://github.com/MPEGGroup/FileFormat | | |
| **Subscribe** | https://lists.aau.at/mailman/listinfo/mp4-sys | | |
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| **Meeting** | Online meeting for the DASH/AF/FF exploration (2 weeks notice, late November/early December – Doodle Poll) | Room Size |  |
| Online meeting to try to close GitHub issues, MP4RA issues and discuss conformance aspects (2 weeks notice, late November/early December – Doodle Poll) |  | |

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| **Name** | **AHG on MPEG-I Scene Description** | | |
| **Mandates** | 1. Progress and clean the TUC in WG3 N0678 based on the decisions made for Amd1 and Amd2.  2. Address the integration of G-PCC, MIV and other MPEG codecs and technologies into Scene Description jointly with 3DG/video/systems/audio based on WG03 N0738  3. Study the support of multiple atlases for MIV taking into account the proposed solution in SD TuC in WG3 N0678  4. Work with the audio group WG06 on progressing the integration of MPEG-I audio into the MPEG-I SD taking into account WG06 N0169 and the SD TuC WG3 N0678.  5. Progress the working draft of Amd.2 in WG03 N0725 for ISO/IEC 23090-14 and improve the technologies  6. Conduct the evaluation experiments on as defined in WG3 N0687  7. Collect/coordinate test assets that support the development of the MPEG-I Scene description work according to WG3 N0703.  8. Work on conformance and reference software based on procedures (WG3 N0703) and progress the WD (WG3 N0691), in particular check and verify the implementation in the pympegsd repo to migrate to new reference software at MPEG#141  9. Collect information on ongoing scene description related work in the industry and in other groups and organizations and promote the MPEG-I Scene Description.  10. Communicate with Khronos on the MPEG extensions and other relevant topics related to Scene Description | | |
| **Chairmen** | Thomas Stockhammer (tsto@qti.qualcomm.com)  Mary-Luc Champel (champelmaryluc@xiaomi.com)  Gaëlle Martin-Cocher (Gaelle.Martin-Cocher@InterDigital.com) | | |
| **Duration** | Until MPEG#141 | | |
| **Reflector(s)** | mpeg-i-scene@lists.aau.at | | |
| **Subscribe** | https://lists.aau.at/mailman/listinfo/mpeg-i-scene    Please check gitlab discussions here:  http://mpegx.int-evry.fr/software/MPEG/SceneDescription/MPEG-Contributions/issues  Please check public github discussions here:  https://github.com/MPEGGroup/Scene-Description | | |
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| **Meeting** | AHG Meetings  • Call: Monday November 7, 2022 14:30 – 16:00 UTC (15:30 – 17:00 CEST)  • Call: Monday November 21, 2022 14:30 – 16:00 UTC (15:30 – 17:00 CEST)  • Call: Monday December 5 (Audio), 2022 14:30 – 16:00 UTC (15:30 – 17:00 CEST)  • Call: Monday December 19, 2022 14:30 – 16:00 UTC (15:30 – 17:00 CEST)  • Call: Friday January 13, 2022 14:30 – 16:00 UTC (15:30 – 17:00 CEST)  Note:  • 3GPP SA4#121 November 14-18, 2022  Logistics  • Zoom: http://iso.zoom.us/my/stockhammer, Passwd as of MPEG#140  • Chairs create issues in gitlab to collect comments.  • If MPEG#141 repository is not yet available, use MPEG#140 repository.  Calendar  - Subscription link for MPEG AHG Calls: http://mpeg.expert/live/nextcloud/remote.php/dav/public-calendars/HAwkATGsmc5bN3Qy?export  - Public link for MPEG AHG Calls http://mpeg.expert/live/nextcloud/index.php/apps/calendar/p/HAwkATGsmc5bN3Qy | Room Size | 40 |
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