 ISO/IEC JTC 1/SC 29/WG 03 N1013

**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 13th meeting

**Status:** Approved

**Date of document:** 2023-10-20

**Source:** ISO/IEC JTC 1/SC 29/WG 03

**No. of pages:** 9 (with cover page)

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**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 N1013**

**October 2023, Hannover, DE**

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| **Title** | **List of WG 03 AHGs established at the 13th meeting** |
| **Source** | **Convenor** |
| **Serial Number** | **23165** |

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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 (WG03N01017).  2. Review the content of the “Technologies under consideration” document (WG03N01081), work on developing and finalizing specification changes to accommodate larger character sets and new features, prepare an updated input contribution and provide recommendations for the WG3 on how these changes should be integrated in the “Open Font Format” standard.  3. 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 (Type Standards) | | |
| **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 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 areas: a) Smart contracts and DLTs; b) Rights and metadata management; c) Content and creator IDs; and c) File formats and streaming protocols.  3. Enhance collaboration with liaisons (e.g., ISO/TC 307/WG3, ITU-T Q.22/SG16, INATBA, W3C DIDs, ISO/TC46/SC9/WG18 ISCC and EC) and conduct further dissemination activities (e.g., Digital Asset Management WG - Metaverse Standards Forum).  4. Study and improve the WD of ISO/IEC 23000-23 Decentralized Media Rights Application. | | |
| **Chairmen** | Panos Kudumakis and Mirko Zichichi | | |
| **Duration** | Until the 145th 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 1 Nov. 2023, alternatively at 14:00 & 16:00 UTC (2 h) | Room Size |  |
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| **Name** | **AhG on Omnidirectional MediA Format (OMAF)** | | |
| **Mandates** | 1) Study the DAM 2 of immersive media metrics.  2) Study the CD of OMAF amendment on server-side dynamic adaptation.  3) Study the TuC of OMAF and TuC of immersive media metrics.  4) Study requirements of MPEG-I phase 3 especially in relation to OMAF.  5) 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** | Before MPEG meeting with 2-week notice (if needed) | Room Size |  |
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| **Name** | **AHG on MPEG-I Scene Description** | | |
| **Mandates** | 1. Work with the audio group WG06 on progressing the integration of MPEG-I audio into the MPEG-I SD taking into account WG06 N0XXX and the SD TuC WG3 N1048.  2. Study the technologies in DAM2 of ISO/IEC 23090-14 in WG03\_N1025 for potential improvements  3. Progress the technologies in the TuC in WG03\_N1048.  4. Dispose issues in internal and public git environment  5. Collect/coordinate test assets that support the development of the MPEG-I Scene description work according to WG3 N1025 including the applicability of referenced data sets for our purposes.  6. Validate and execute the workflow in WG03\_N1049 to create pull requests to Khronos through MPEG gitlab and github  7. Work on conformance and reference software based on procedures (WG03\_N1025), progress the PI-DIS (WG03\_N1046) and WD (WG3\_N1047), and progress the issues in reference software (http://mpegx.int-evry.fr/software/MPEG/Systems/SceneDescription/software/reference/-/issues) and carriage (http://mpegx.int-evry.fr/software/MPEG/Systems/SceneDescription/software/23090-24-carriage/-/issues)  8. Extend the Gltf validator to address the MPEG\_ extensions, and review the process for a possible submission of these to the https://github.com/KhronosGroup/glTF-Validator  9. Evaluate the requirements coverage in WG03\_N1050, add explicit references to the supporting technologies and work with MPEG-I Requirements AHG in order to identify requirements for phase 3 in context of Scene Description.  10. Collect information on ongoing scene description related work in the industry and in other groups and organizations and promote MPEG-I Scene Description, in particular to Khronos (WG03\_N1068), Metaverse Standards Forum and 3GPP | | |
| **Chairmen** | Thomas Stockhammer (tsto@qti.qualcomm.com)  Mary-Luc Champel (champelmaryluc@xiaomi.com)  Gaëlle Martin-Cocher (Gaelle.Martin-Cocher@InterDigital.com) | | |
| **Duration** | Until MPEG#145 | | |
| **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 December 4, 2023 14:30 – 16:00 UTC (15:30 – 17:00 CET)  o From 14:15 UTC onwards WG06 joins for Audio.  o Additional participation of WG06 will be discussed during this slot  • Call: Friday January 19, 2024, 2023 14:00 – 15:30 UTC (15:00 – 16:30 CET)  Note:  • 3GPP SA4#126, November 16-20, 2023 (Chicago)  • MPEG#145, January 22-26, 2024 (Online)  Logistics  • Zoom: http://iso.zoom.us/my/stockhammer, Passwd as of MPEG#144  • Chairs create issues in gitlab to collect comments.  • If MPEG#145 repository is not yet available, use MPEG#144 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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| **Name** | **AhG on Syntactic Description Language** | | |
| **Mandates** | - To review TuC and Potential improvements, and propose updates  - To solicit input on implementation guidelines and examples | | |
| **Chairmen** | Youngkwon Lim | | |
| **Duration** | Until the 13th 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** |  | 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 23090-28 and 23090-29 related documents and solicit contributions regarding systems technologies for them. | | |
| **Chairmen** | Youngkwon Lim, Lauri Ilola | | |
| **Duration** | until the 13th 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** |  | 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 open source implementation of OpenMAX, MSE or Vulkan to be used as a starting point of implementation of VDI extensions.  3. Communicate with Khronos on the API extensions and other relevant topics related to VDI | | |
| **Chairmen** | Youngkwon Lim, Emmanuel Thomas, Thomas Stockhammer | | |
| **Duration** | Until the 13th 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** |  | Room Size |  |
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| **Name** | **AhG on MPEG DASH** | | |
| **Mandates** | 1. Study and improve Part 1 revised text of DAM2 (WG03N1064) and text of DAM3 (WG03N1078)  2. Study technologies under consideration (TuC; WG03N1014) and defect under investigation (DuI; WG03N1055)  3. Investigate segment rate signaling, the operation model, and how it works with segment timeline addressing  4. Continue to work on conformance and reference software  5. Study the potential improvement to Part 9 DIS | | |
| **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** | One conf call, December 14, 17:00-18:00 CET.  (If there is no contribution by Dec 13, 23:59, the call will be canceled.) | Room Size |  |
| Zoom link: https://iso.zoom.us/j/4158105690  Password: In mpeg calendar |  | |

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| **Name** | **AhG on Carriage of Green Metadata** | | |
| **Mandates** | 1. Investigate uses and improvements of display power reduction metadata  2. Study 23001-11 CDAM 2 for new display power reduction metadata and solicit the contributions to improve it.  3. Contribute to the development of ISO/IEC 23001-10 AMD 2. | | |
| **Chairmen** | Edouard Francois (InterDigital), Christian Herglotz (FAU), Yong He (Qualcomm) | | |
| **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 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 and possible change of license or alternatives.  6. Study processes to improve cross-verification of MPEG file format standards and continue the discussion on m60397  7. Explore alignment of DASH/CMAF/FF terminology, concepts and solutions, in particular the multi-track question  8. Explore potential low-overhead HEIF-compatible storage format | | |
| **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** |  | Room Size |  |
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| **Name** | **AhG on Application Formats** | | |
| **Mandates** | CMAF (Common Media Application Format)  1. Study the TuC and the preliminary WD, and solicit further input  2. Solicit feedback on the open issues on GitHub and GitLab  MIAF (Multi-Image Application Format)  1. Solicit feedback on the open issues on GitLab  MeMAF (Messaging Application Format)  1. Study the draft requirements, working draft and solicit further input, in collaboration with 3GPP SA-4. | | |
| **Chairmen** | Cyril Concolato ; Krasimir Kolarov ; Thomas Stockhammer | | |
| **Duration** | Until next meeting | | |
| **Reflector(s)** | CMAF - mpeg-cmaf@lists.aau.at  MIAF, VIAF, MeMAF - mpeg-maf-dev@lists.aau.at | | |
| **Subscribe** | CMAF - https://lists.aau.at/mailman/listinfo/mpeg-cmaf  MIAF, VIMAF, MeMAF - https://lists.aau.at/mailman/listinfo/mpeg-maf-dev | | |
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| **Meeting** | MeMAF:  - November 6, 2023 16:30 – 18:00 CET  - December 18, 2023 16:30 – 18:00 CET  - January 19, 2024 16:30 – 18:00 CET  Logistics  - Zoom: http://iso.zoom.us/my/stockhammer, Passwd as of MPEG#144  - Chairs create issues in gitlab to collect comments.  - If MPEG#145 repository is not yet available, use MPEG#144 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 |  |
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