Source: VIDEO SWG Chairman[[1]](#footnote-1)

Title: Proposed meeting agenda for VIDEO SWG during SA4#127-bis-e rev4

Document for: your information

Agenda Item: 9

9. Video SWG

9.1 Opening of the session

Link to online minutes: <https://docs.google.com/document/d/1OeYO8YCU74B4Nf4UmJRBVPZo5NGWkb8LKTN7MmB2rlg/edit#heading=h.1qzzx7unveay>

9.2 Registration of documents

9.3 Reports and liaisons from other groups – *Plenary A.I. 5.2*

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| **Tdoc** | **Title** | **Status** |
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9.4 CRs to Features in Release 18 and earlier *– Closing plenary A.I. 13*

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| **Tdoc** | **Title** | **Status** |
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9.5 VOPS (Video Operating Points – Harmonization and Stereo MV-HEVC) *– Closing plenary A.I. 15.2*

WID: [SP-240060](https://www.3gpp.org/ftp/tsg_sa/TSG_SA/TSGS_103_Maastricht_2024-03/Docs/SP-240060.zip) New WID on Video Operating Points - Harmonization and Stereo MV-HEVC

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| **Tdoc** | **Title** | **Status** |
| **General** | | |
| [**S4-240693**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_127-bis-e/Docs/S4-240693.zip) | [VOPS] On issues of working on MV-HEVC profiles | **agreed** |
| [**S4-240619**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_127-bis-e/Docs/S4-240619.zip) | [VOPS] Summary of Existing Video Capabilities | **agreed** |
| [**S4-240620**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_127-bis-e/Docs/S4-240620.zip) | [VOPS] Some thoughts around 3GPP Video Codecs Specs: APIs, Conformance, MSE, Interfaces | **Revised to 757** |
| **Draft TS** | | |
| [**S4-240616**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_127-bis-e/Docs/S4-240616.zip) | Draft TS26.265v0.0.0: Media Delivery: Video Capabilities and Operating Points | **agreed** |
| **Work plan** | | |
| [**S4-240694**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_127-bis-e/Docs/S4-240694.zip) | [VOPS] Work Plan | **parked** |
|  | | |
| **757** | [VOPS] Some thoughts around 3GPP Video Codecs Specs: APIs, Conformance, MSE, Interfaces | **Agreed** |
|  | Draft TS 26.265 v0.1.0 | **Gotoplen(15.2)** |

9.6 FS\_AI4Media (Feasibility Study on Artificial Intelligence (AI) and Machine Learning (ML) for Media) *– Closing plenary A.I. 16.5*

WID: [SP-230538](https://www.3gpp.org/ftp/TSG_SA/TSG_SA/TSGS_100_Taipei_2023-06/Docs/SP-230538.zip) revised SID on Artificial Intelligence (AI) and Machine Learning (ML) for Media

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| **Tdoc** | **Title** | **Status** |
| **pCRs on TR 26.927** | | |
| [**S4-240643**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_127-bis-e/Docs/S4-240643.zip) | [FS\_AI4Media] pCR on general architecture | **Revised to XX** |
| [**S4-240644**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_127-bis-e/Docs/S4-240644.zip) | [FS\_AI4Media] pCR on basic workflow for split inferencing | **Revised to YY** |
| [**S4-240646**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_127-bis-e/Docs/S4-240646.zip) | [FS\_AI4Media] pCR on existing formats | **Agreed (TR)** |
| [**S4-240647**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_127-bis-e/Docs/S4-240647.zip) | [FS\_AI4Media] pCR on existing frameworks | **Revised to ZZ** |
| [**S4-240649**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_127-bis-e/Docs/S4-240649.zip) | [FS\_AI4Media] pCR on procedure for AI/ML distribution and operation | **Agreed (TR)** |
| **Evaluation TR** | | |
| [**S4-240683**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_127-bis-e/Docs/S4-240683.zip) | Quantization and Pruning results for Faster-RCNN | **Revised to 743** |
| **General** | | |
| [**S4-240641**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_127-bis-e/Docs/S4-240641.zip) | [FS\_AI4Media] On operator requirements | **parked** |
| **S4-240635** | [FS\_AI4Media] Proposed Updated Time and Work Plan | **missing** |
|  | | |
|  | Draft TR 26.927 |  |
| **XX** | [FS\_AI4Media] pCR on general architecture | **Agreed (TR)** |
| **YY** | [FS\_AI4Media] pCR on basic workflow for split inferencing | **Agreed (TR)** |
| **ZZ** | [FS\_AI4Media] pCR on existing frameworks | **Agreed (TR)** |
| **743** | Quantization and Pruning results for Faster-RCNN | **Parked** |
|  | Evaluation PD |  |

9.7 FS\_FGS (Feasibility Study on Film Grain Synthesis) *– Closing plenary A.I. 16.6*

WID: [SP-230539](https://www.3gpp.org/ftp/TSG_SA/TSG_SA/TSGS_100_Taipei_2023-06/Docs/SP-230539.zip) New SID on Feasibility Study on Film Grain Synthesis

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| **Tdoc** | **Title** | **Status** |
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9.8 FS\_AVATAR (Feasibility Study on Avatars for Real-Time Communication) *– Closing plenary A.I. 16.7*

WID: [SP-230544](https://www.3gpp.org/ftp/TSG_SA/TSG_SA/TSGS_100_Taipei_2023-06/Docs/SP-230544.zip) New SID on Feasibility Study on Avatars for Real-Time Communication

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| **Tdoc** | **Title** | **Status** |
| **General** | | |
| [**S4-240650**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_127-bis-e/Docs/S4-240650.zip) | [FS\_AVATAR] On interoperability requirements | **parked** |
| **~~S4-240708~~** | [FS\_AVATAR] On Avatar Requirements | **withdrawn** |
| **Formats & representation** | | |
| [**S4-240681**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_127-bis-e/Docs/S4-240681.zip) | The VRM representation format | **agreed** |
| [**S4-240571**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_127-bis-e/Docs/S4-240571.zip) | Further input about 2D Avatar | **parked** |
| **Architecture aspects** | | |
| [**S4-240682**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_127-bis-e/Docs/S4-240682.zip) | Usage of Avatars in IMS sessions | **noted** |
| [**S4-240707**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_127-bis-e/Docs/S4-240707.zip) | [FS\_AVATAR] Mapping MPEG-I Scene Description Technologies to Reference Architecture | **Revised to XXX** |
|  | | |
| **XXX** | [FS\_AVATAR] Mapping MPEG-I Scene Description Technologies to Reference Architecture | **agreed** |
| **762** | [FS\_AVATAR] Permanent Document for Avatar, 0.3.0 |  |
| **761** | [FS\_AVATAR] Time plan for AVATAR, 0.4.0 |  |

9.9 FS\_Beyond2D (Study on Beyond 2D Video) *– Closing plenary A.I. 16.6*

WID: [SP-240066](https://www.3gpp.org/ftp/tsg_sa/TSG_SA/TSGS_103_Maastricht_2024-03/Docs/SP-240066.zip) New SID on Beyond 2D Video

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| **Tdoc** | **Title** | **Status** |
| **Scenarios** | | |
| [**S4-240588**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_127-bis-e/Docs/S4-240588.zip) | [FS\_Beyond2D] Proposed Scenario: Glasses-free 3D Live Streaming | **parked** |
| [**S4-240617**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_127-bis-e/Docs/S4-240617.zip) | [FS\_ Beyond2D] Scenario: Free-viewpoint TV | **parked** |
| [**S4-240658**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_127-bis-e/Docs/S4-240658.zip) | [FS\_Beyond2D] Scenario on Volumetric video XR real-time communication | **parked** |
| [**S4-240659**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_127-bis-e/Docs/S4-240659.zip) | [FS\_Beyond2D] Scenario on on-demand volumetric video streaming | **parked** |
| **Draft TR** | | |
| [**S4-240585**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_127-bis-e/Docs/S4-240585.zip) | [FS\_Beyond2D] TR 26.956 Skeleton v0.0.1 | **parked** |
| **Workplan** | | |
| [**S4-240586**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_127-bis-e/Docs/S4-240586.zip) | [FS\_Beyond2D] Proposed Work Plan | **Revised to AAA** |
| **Permanent document** | | |
| [**S4-240587**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_127-bis-e/Docs/S4-240587.zip) | [FS\_Beyond2D] Permanent Document v0.0.1 | **parked** |
| **~~S4-240704~~** | reserved | **withdrawn** |
| **~~S4-240705~~** | reserved | **withdrawn** |
| **~~AAA~~** | [FS\_Beyond2D] Proposed Work Plan | **Agreed(gotoplen 16.6)** |

9.10 Other Rel-19 matters including TEI *– Closing plenary A.I. 15*

9.11 New Work / New Work Items and Study Items*– Closing plenary A.I. 18*

9.12 Liaisons and Liaison Responses

9.13 Any Other Business

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| **Tdoc** | **Title** | **Status** |
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9.14 Close of the session

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| **Tdoc** | **Title** | **Status** |
| **TBD** | Video SWG report during SA4#127-bis-e | **Gotoplen 12.3** |

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**Tdoc “color code”: black** **= submitted for the meeting by the Tdoc submission deadline**

**gray** **= submitted for the meeting after the Tdoc submission deadline**

**blue = postponed from an earlier SA4 meeting**

**red** **= covered during this meeting**

Highlighted **= missing document**

Highlighted = email agreement ongoing

Highlighted = status defined from email agreement process

**~~strikethrough~~ = withdrawn**

Conclusion codes: n: noted, r: revised, a: agreed, awp: agreed without presentation, w: withdrawn, pl: go to plenary, nt: not treated

Meeting schedule (Including Indicative tropics per session)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Milestone/session** | **Date** | **CEST** | **PDT** | **KST** |
| Start of SA4 e-meeting (Email) | 8th April | 9am | 12am | 4pm |
| Start of SWG e-meeting | 8th April | 9am | 12am | 4pm |
| **Opening plenary Telco** | 8th April | 3pm  6pm | 6am  9am | 10pm  1am (+1) |
| Slot 1 (90min)  VOPS – FS\_Avatar | 9th April | 4:30pm  6pm | 7:30am  9am | 11:30pm  1am (+1) |
| Slot 2 (90min)  FS\_AI4media – FS\_Beyond2D | 10th April | 3pm  4:30pm | 6am  7:30am | 10pm  11:30pm |
| Slot 3 (90min)  Washup session | 11th April | 4:30pm  6pm | 7:30am  9am | 11:30pm  1am (+1) |
| **Closing plenary Telco** | 12th April | 3pm  6pm | 6am  9am | 10pm  1am (+1) |

More local times available [here](https://savvytime.com/converter/ca-los-angeles-to-canada-toronto-united-kingdom-london-cest-finland-helsinki-china-beijing-south-korea-seoul-japan-tokyo/apr-8-2024/12-45am).

**Additional notes from the VIDEO SWG chair:**

* Email agreements are expected to be triggered on every single contribution. A minimum of 24 hours will be allocated to initial contributions.
* For more information on how an e-meeting is conducted please carefully read the meeting guidelines from the SA4 chair available here:

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| [**S4-240536**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_127-bis-e/Docs/S4-240536.zip) | Guidelines for 3GPP SA4#127-bis-e meeting | SA4 Chair |

* Should you have any question, do not hesitate to contact the SA4 leadership, we are here to serve you. ☺

Annex A – Documents’ status

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Tdoc number | Title | Source | SWG Agenda Item | Replaced by | SWG Status | SA4 A.I. for Tdocs presented at SA4 plenary\* |
| [S4-240571](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_127-bis-e/Docs/S4-240571.zip) | Further input about 2D Avatar | HUAWEI TECHNOLOGIES Co. Ltd. | 9.8 |  |  |  |
| [S4-240585](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_127-bis-e/Docs/S4-240585.zip) | [FS\_Beyond2D] TR 26.956 Skeleton v0.0.1 | China Mobile Com. Corporation | 9.9 |  |  |  |
| [S4-240586](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_127-bis-e/Docs/S4-240586.zip) | [FS\_Beyond2D] Proposed Work Plan | China Mobile Com. Corporation | 9.9 |  |  |  |
| [S4-240587](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_127-bis-e/Docs/S4-240587.zip) | [FS\_Beyond2D] Permanent Document v0.0.1 | China Mobile Com. Corporation | 9.9 |  |  |  |
| [S4-240588](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_127-bis-e/Docs/S4-240588.zip) | [FS\_Beyond2D] Proposed Scenario: Glasses-free 3D Live Streaming | China Mobile Com. Corporation, ZTE | 9.9 |  |  |  |
| [S4-240616](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_127-bis-e/Docs/S4-240616.zip) | Draft TS26.265v0.0.0: Media Delivery: Video Capabilities and Operating Points | Qualcomm Incorporated | 9.5 |  |  |  |
| [S4-240617](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_127-bis-e/Docs/S4-240617.zip) | [FS\_ Beyond2D] Scenario: Free-viewpoint TV | China Mobile Com. Corporation | 9.9 |  |  |  |
| [S4-240619](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_127-bis-e/Docs/S4-240619.zip) | [VOPS] Summary of Existing Video Capabilities | Qualcomm Incorporated | 9.5 |  |  |  |
| [S4-240620](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_127-bis-e/Docs/S4-240620.zip) | [VOPS] Some thoughts around 3GPP Video Codecs Specs: APIs, Conformance, MSE, Interfaces | Qualcomm Incorporated | 9.5 |  |  |  |
| S4-240635 | [FS\_AI4Media] Proposed Updated Time and Work Plan | Samsung Electronics Iberia SA | 9.6 |  |  |  |
| [S4-240641](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_127-bis-e/Docs/S4-240641.zip) | [FS\_AI4Media] On operator requirements | Samsung Electronics Iberia SA | 9.6 |  |  |  |
| [S4-240643](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_127-bis-e/Docs/S4-240643.zip) | [FS\_AI4Media] pCR on general architecture | Samsung Electronics Iberia SA | 9.6 |  |  |  |
| [S4-240644](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_127-bis-e/Docs/S4-240644.zip) | [FS\_AI4Media] pCR on basic workflow for split inferencing | Samsung Electronics Iberia SA | 9.6 |  |  |  |
| [S4-240646](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_127-bis-e/Docs/S4-240646.zip) | [FS\_AI4Media] pCR on existing formats | Samsung Electronics Iberia SA | 9.6 |  |  |  |
| [S4-240647](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_127-bis-e/Docs/S4-240647.zip) | [FS\_AI4Media] pCR on existing frameworks | Samsung Electronics Iberia SA | 9.6 |  |  |  |
| [S4-240649](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_127-bis-e/Docs/S4-240649.zip) | [FS\_AI4Media] pCR on procedure for AI/ML distribution and operation | Samsung Electronics Iberia SA | 9.6 |  |  |  |
| [S4-240650](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_127-bis-e/Docs/S4-240650.zip) | [FS\_AVATAR] On interoperability requirements | Samsung Electronics Iberia SA | 9.8 |  |  |  |
| [S4-240658](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_127-bis-e/Docs/S4-240658.zip) | [FS\_Beyond2D] Scenario on Volumetric video XR real-time communication | Nokia Corporation | 9.9 |  |  |  |
| [S4-240659](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_127-bis-e/Docs/S4-240659.zip) | [FS\_Beyond2D] Scenario on on-demand volumetric video streaming | Nokia Corporation | 9.9 |  |  |  |
| [S4-240681](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_127-bis-e/Docs/S4-240681.zip) | The VRM representation format | Qualcomm Germany | 9.8 |  |  |  |
| [S4-240682](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_127-bis-e/Docs/S4-240682.zip) | Usage of Avatars in IMS sessions | Qualcomm Germany | 9.8 |  |  |  |
| [S4-240683](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_127-bis-e/Docs/S4-240683.zip) | Quantization and Pruning results for Faster-RCNN | Qualcomm Germany | 9.6 |  |  |  |
| [S4-240693](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_127-bis-e/Docs/S4-240693.zip) | [VOPS] On issues of working on MV-HEVC profiles | Apple Inc. | 9.5 |  |  |  |
| [S4-240694](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_127-bis-e/Docs/S4-240694.zip) | [VOPS] Work Plan | Apple Inc. | 9.5 |  |  |  |
| S4-240704 | reserved | InterDigital Canada | 9.9 |  | withdrawn |  |
| S4-240705 | reserved | InterDigital Canada | 9.9 |  | withdrawn |  |
| [S4-240707](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_127-bis-e/Docs/S4-240707.zip) | [FS\_AVATAR] Mapping MPEG-I Scene Description Technologies to Reference Architecture | InterDigital Canada | 9.8 |  |  |  |
| S4-240708 | [FS\_AVATAR] On Avatar Requirements | InterDigital Canada | 9.8 |  | withdrawn |  |
| **Tdoc number** | **Title** | **Source** | **Agenda item** | **Replaced by** | **SWG status** | **Plenary A.I.** |
|  |  |  |  |  |  |  |

Annex B – Participants list (XX)

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| **NAME** | **LASTNAME** | **COMPANY** |
| Mike | **WAZOWSKI** | **Monsters, Inc.** |
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1. Gilles TENIOU, TENCENT ; teniou@global.tencent.com [↑](#footnote-ref-1)