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

Title: Proposed meeting agenda for VIDEO SWG during SA4#122 rev3

Document for: your information

Agenda Item: 9

9. Video SWG

9.1 Opening of the session

9.2 Registration of documents

9.3 Reports and liaisons from other groups

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| **Tdoc** | **Title** | **Status** |
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9.4 CRs to Features in Release 17 and earlier *– Closing plenary A.I. 13*

|  |  |  |
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| **Tdoc** | **Title** | **Status** |
| [**S4-230185**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_122_Athens/Docs/S4-230185.zip) | Reference Fixes and Clarifications | **Revised to 303** |
| [**S4-230071**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_122_Athens/Docs/S4-230071.zip) | CR to TR 26.928 Add Clarification of the difference between Immersion and Presence | **Revised to 356** |
|  | | |
| **303** | Reference Fixes and Clarifications | **Agreed (gotoplen 14.13)** |
| **356** | CR to TR 26.928 Add Clarification of the difference between Immersion and Presence (rev1) | **Agreed (gotoplen 14.13)** |

9.5 MeCAR (Media Capabilities for Augmented Reality) *– Closing plenary A.I. 14.4*

WID: [SP-220242](https://www.3gpp.org/ftp/tsg_sa/TSG_SA/TSGS_95E_Electronic_2022_03/Docs/SP-220242.zip) New WID on ‘Media Capabilities for Augmented Reality’

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| **Tdoc** | **Title** | **Status** |
| [**S4-230074**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_122_Athens/Docs/S4-230074.zip) | [MeCAR] Volumetric Video Coding | **agreed** |
| [**S4-230093**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_122_Athens/Docs/S4-230093.zip) | [MeCAR] XR Device and Formats | **agreed** |
| [**S4-230145**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_122_Athens/Docs/S4-230145.zip) | JSON Format for Timed Metadata | **agreed** |
| [**S4-230172**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_122_Athens/Docs/S4-230172.zip) | [MeCAR] Addition of eye gaze to interaction metadata | **agreed** |
| [**S4-230191**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_122_Athens/Docs/S4-230191.zip) | [MeCAR] on QoE metrics | **noted** |
| [**S4-230206**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_122_Athens/Docs/S4-230206.zip) | AR Gaming use case implementation | **noted** |
| [**S4-230207**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_122_Athens/Docs/S4-230207.zip) | MPEG Scene Description for MeCAR | **agreed** |
| [**S4-230211**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_122_Athens/Docs/S4-230211.zip) | Proposed clean-ups of MeCAR Permanent Document v4.0 | **agreed** |
| [**S4-230212**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_122_Athens/Docs/S4-230212.zip) | Aligning MeCAR UE architectures on the XR Client generic architecture | **agreed** |
| [**S4-230218**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_122_Athens/Docs/S4-230218.zip) | High brightness challenges for Augmented Reality glasses | **noted** |
| [**S4-230219**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_122_Athens/Docs/S4-230219.zip) | Updates to the video decoder interface capabilities and AR UE device capabilities | **agreed** |
| [**S4-230091**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_122_Athens/Docs/S4-230091.zip) | [MeCAR] Updates to Device Architecture | **revised to 357** |
| **S4-230094** | [MeCAR] Minimum Device Capabilities | **withdrawn** |
| **S4-230136** | Pixel Streaming Codec Profile | **withdrawn** |
| **S4-230095** | [MeCAR] Metrics Framework | **agreed** |
| [**S4-230146**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_122_Athens/Docs/S4-230146.zip) | [MeCAR] on pose information | **Revised to 390** |
| [**S4-230222**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_122_Athens/Docs/S4-230222.zip) | On transparency information in MeCAR | **Revised into 392** |
| [**S4-230092**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_122_Athens/Docs/S4-230092.zip) | [MeCAR] Interoperability Points for Visual and Audio | **Parked to offline** |
| [**S4-230226**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_122_Athens/Docs/S4-230226.zip) | [MeCAR] Alignment of device architecture with 5GMSA | **Parked to offline** |
|  | | |
| **392** | On transparency information in MeCAR | **Agreed** |
| **390** | [MeCAR] on pose information | **agreed** |
| **308** | MeCAR Work plan updates | **Agreed (gotoplen14.4)** |
| **307** | MeCAR Permanent document v5.0 | **(Gotoplen14.4)** |
| **357** | [MeCAR] Updates to Device Architecture | **Parked to offline** |

9.6 FS\_XRTraffic (Feasibility Study on Typical Traffic Characteristics for XR Services and other Media) *– Closing plenary A.I. 15.1*

WID: [SP-200054](https://www.3gpp.org/ftp/tsg_sa/TSG_SA/TSGS_87E_Electronic/Docs/SP-200054.zip) Feasibility Study on Typical Traffic Characteristics for XR Services and other Media

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| **Tdoc** | **Title** | **Status** |
| [**S4-230089**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_122_Athens/Docs/S4-230089.zip) | [FS\_XRTraffic] Proposed Updates to TR 26.926 | **agreed** |
| **S4-230205** | [FS\_XRTraffic] Proposed Updates to TR 26.926 | **withdrawn** |
| **S4-230090** | [FS\_XRTraffic] Proposed Updated Time Plan | **Gotoplen 15.1** |
|  | | |
| **293** | Draft TR 26.926 v1.4.0 | **Gotoplen 15.1** |

9.7 FS\_AI4Media (Feasibility Study on Artificial Intelligence (AI) and Machine Learning (ML) for Media) *– Closing plenary A.I. 15.2*

WID: [SP-220328](https://www.3gpp.org/ftp/tsg_sa/TSG_SA/TSGS_95E_Electronic_2022_03/Docs/SP-220328.zip) New SID on Artificial Intelligence (AI) and Machine Learning (ML) for Media

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| **Tdoc** | **Title** | **Status** |
| [**S4-230069**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_122_Athens/Docs/S4-230069.zip) | [FS\_AI4Media] On data rate reductions achievable with the NNC standard | **noted** |
| [**S4-230119**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_122_Athens/Docs/S4-230119.zip) | [FS\_AI4Media] MPEG VCM related work | **agreed** |
| [**S4-230120**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_122_Athens/Docs/S4-230120.zip) | [FS\_AI4Media] Intermediate data transfer optimisation techniques | **revised->309** |
| [**S4-230121**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_122_Athens/Docs/S4-230121.zip) | [FS\_AI4Media] Add intermediate data compression option for split operations | **revised->310** |
| [**S4-230122**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_122_Athens/Docs/S4-230122.zip) | [FS\_AI4Media] Updates to definitions | **revised->312** |
| [**S4-230123**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_122_Athens/Docs/S4-230123.zip) | [FS\_AI4Media] Updates to model optimization techniques and model update summary | **agreed** |
| [**S4-230124**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_122_Athens/Docs/S4-230124.zip) | [FS\_AI4Media] Update to split inference between the network and UE | **revised->311** |
| [**S4-230144**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_122_Athens/Docs/S4-230144.zip) | FS\_AIML] AI/ML Compression Library and Evaluation Framework | **agreed** |
| [**S4-230151**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_122_Athens/Docs/S4-230151.zip) | Update on federated learning workflows | **merged->304** |
| [**S4-230156**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_122_Athens/Docs/S4-230156.zip) | [FS\_AI4Media] Basic workflow for distributed/federated learning | **revised->304** |
| [**S4-230170**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_122_Athens/Docs/S4-230170.zip) | Add description on AI model evaluation | **agreed** |
| [**S4-230125**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_122_Athens/Docs/S4-230125.zip) | [FS\_AI4Media] 5G AI model distribution | **Merged with 396** |
| [**S4-230158**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_122_Athens/Docs/S4-230158.zip) | [FS\_AI4Media] Considering AI/ML in the 5GMS architecture | **Revised to 396** |
| [**S4-230225**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_122_Athens/Docs/S4-230225.zip) | pCR on Introduction of split models and configurations | **Revised to 401** |
| [**S4-230159**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_122_Athens/Docs/S4-230159.zip) | [FS\_AI4Media] Proposed Updated Time and Work Plan | **Revised to 375** |
|  | | |
| **312** | [FS\_AI4Media] Updates to definitions | **agreed** |
| **304** | [FS\_AI4Media] Basic workflow for distributed/federated learning | **agreed** |
| **311** | [FS\_AI4Media] Update to split inference between network and UE | **agreed** |
| **305** | FS\_AI4Media Permanent Document v0.6 | **Gotoplen 15.2** |
| **309** | [FS\_AI4Media] Intermediate data transfer optimization techniques | **agreed** |
| **310** | [FS\_AI4Media] Add intermediate data compression option for split operations | **agreed** |
| **378** | Draft TR 26.927 v0.3.0 | **Gotoplen 15.2** |
| **396** | [FS\_AI4Media] Considering AI/ML in the 5GMS architecture | **agreed** |
| **401** | pCR on Introduction of split models and configurations | **Agreed** |
| **375** | [FS\_AI4Media] Proposed Updated Time and Work Plan | **Agreed (gotoplen 15.2)** |

9.8 FS\_ARMRQoE (Feasibility Study on AR and MR QoE Metrics) *– Closing plenary A.I. 15.6*

WID: [SP-220616](https://www.3gpp.org/ftp/tsg_sa/TSG_SA/TSGS_96_Budapest_2022_06/Docs/SP-220616.zip) New SID on Feasibility Study on AR and MR QoE Metrics

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| **Tdoc** | **Title** | **Status** |
| [**S4-230128**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_122_Athens/Docs/S4-230128.zip) | MPEG Activity Update for the Study on QoE Metrics for AR/MR Services | **revised->150** |
| [**S4-230150**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_122_Athens/Docs/S4-230150.zip) | MPEG Activity Update for the Study on QoE Metrics for AR/MR Services | **agreed** |
| [**S4-230174**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_122_Athens/Docs/S4-230174.zip) | [FS\_ARMRQOE] Head motion aware QoE metric | **revised->306** |
| [**S4-230265**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_122_Athens/Docs/S4-230265.zip) | [FS\_ARMRQoE] Safe viewing zone metric | **noted** |
| [**S4-230197**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_122_Athens/Docs/S4-230197.zip) | Discussion on the basic AR/MR use case for QoE study | **Revised to 394** |
| [**S4-230203**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_122_Athens/Docs/S4-230203.zip) | Discussion on the ARMR architecture for QoE collection | **Revised to 395** |
| [**S4-230202**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_122_Athens/Docs/S4-230202.zip) | [FS\_ARMR\_QoE] Proposed Updated Time Plan | **Revised to 387** |
|  | | |
| **306** | [FS\_ARMRQOE] pCR on Head motion aware QoE metric | **agreed** |
| **294** | Draft TR 26.812 QoE metrics for AR/MR services v0.3.0 | **Gotoplen 15.6** |
| **387** | [FS\_ARMR\_QoE] Proposed Updated Time Plan | **Agreed (gotoplen 15.6)** |
| **394** | Discussion on the basic AR/MR use case for QoE study | **Agreed** |
| **395** | Discussion on the ARMR architecture for QoE collection | **agreed** |

9.9 New Work / New Work Items and Study Items*– Closing plenary A.I. 17*

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| **Tdoc** | **Title** | **Status** |
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9.10 Liaisons and Liaison Responses

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| **Tdoc** | **Title** | **Status** |
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9.11 Any Other Business

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| **Tdoc** | **Title** | **Status** |
| [**S4-230217**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_122_Athens/Docs/S4-230217.zip) | V3C Adaptive streaming demo on AR Glasses | **noted** |
|  | | |
|  |  |  |

9.12 Close of the session

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| --- | --- | --- |
| **Tdoc** | **Title** | **Status** |
| **397** | VIDEO SWG report during SA4#122 | **gotoplen A.I. 12.4** |

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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)

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| --- | --- | --- | --- | --- | --- |
|  | **Monday February 20** | **Tuesday February 21** | **Wednesday February 22** | **Thursday February 23** | **Friday**  **February 24** |
| Meeting room / local time | Cyclades | Cyclades | Cyclades | Cyclades | Cyclades |
| 0800 - 0830 |  | TBD | TBD | TBD | Plenary  Starts at 8am |
| 0830 - 0900 |
| 0900 - 0930 | **Plenary** | **MBS** | **Video**  (Maintenance, MeCAR) | **MBS** (washup) |
| 0930 - 1000 |
| 1000 - 1030 |
| 1030 - 1100 | Coffee break | Coffee break | Coffee break | Coffee break | Coffee break |
| 1100 - 1130 | **Plenary** | **MBS** | **Video**  (washup) | **Video** (washup) | Plenary |
| 1130 - 1200 |
| 1200 - 1230 |
| 1230 - 1300 | Lunch break | Lunch break | Lunch break | Lunch break | Lunch break |
| 1300 - 1330 |
| 1330 - 1400 |
| 1400 - 1430 | **Video**  (MeCAR Audio, MeCAR) | **Video**  (FS\_XRTraffic, FS\_ARMRQoE) | **MBS** | Plenary | Plenary |
| 1430 - 1500 |
| 1500 - 1530 |
| 1530 - 1600 | Coffee break | Coffee break | Coffee break | Coffee break |
| 1600 - 1630 | **MBS** | **Video**  (FS\_AI4Media) | **MBS** | Plenary |  |
| 1630 - 1700 |
| 1700 - 1730 |
| 1730 - 1800 |
| 1800 - 1830 | TBD | TBD | TBD |
| 1830 - 1900 |

Annex A – Documents’ status

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Tdoc number | Title | Source | SWG Agenda Item | Replaced by | SWG Status | SA4 A.I. for Tdocs presented at SA4 plenary\* |
| [S4-230069](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_122_Athens/Docs/S4-230069.zip) | [FS\_AI4Media] On data rate reductions achievable with the NNC standard | Fraunhofer HHI | 9.7 |  | noted |  |
| [S4-230071](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_122_Athens/Docs/S4-230071.zip) | CR to TR 26.928 Add Clarification of the difference between Immersion and Presence | China Mobile Com. Corporation | 9.4 | S4-230356 | revised |  |
| [S4-230074](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_122_Athens/Docs/S4-230074.zip) | [MeCAR] Volumetric Video Coding | Nokia Corporation, Meta Ireland, Sony Group Corporation, Philips, Intel, Interdigital | 9.5 |  | agreed |  |
| [S4-230089](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_122_Athens/Docs/S4-230089.zip) | [FS\_XRTraffic] Proposed Updates to TR 26.926 | Qualcomm incorporated | 9.6 |  | agreed |  |
| S4-230090 | [FS\_XRTraffic] Proposed Updated Time Plan | Qualcomm incorporated | 9.6 |  | - | 15.1 |
| S4-230091 | [MeCAR] Updates to Device Architecture | Qualcomm incorporated | 9.5 | S4-230357 | revised |  |
| S4-230092 | [MeCAR] Interoperability Points for Visual and Audio | Qualcomm incorporated | 9.5 |  | - | 14.4 |
| S4-230093 | [MeCAR] XR Device and Formats | Qualcomm incorporated | 9.5 |  | agreed |  |
| S4-230094 | [MeCAR] Minimum Device Capabilities | Qualcomm incorporated | 9.5 |  | withdrawn |  |
| S4-230095 | [MeCAR] Metrics Framework | Qualcomm incorporated | 9.5 |  | agreed |  |
| [S4-230119](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_122_Athens/Docs/S4-230119.zip) | [FS\_AI4Media] MPEG VCM related work | InterDigital Finland Oy | 9.7 |  | agreed |  |
| [S4-230120](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_122_Athens/Docs/S4-230120.zip) | [FS\_AI4Media] Intermediate data transfer optimisation techniques | InterDigital Finland Oy | 9.7 | S4-230309 | revised |  |
| [S4-230121](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_122_Athens/Docs/S4-230121.zip) | [FS\_AI4Media] Add intermediate data compression option for split operations | InterDigital Finland Oy | 9.7 | S4-230310 | revised |  |
| [S4-230122](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_122_Athens/Docs/S4-230122.zip) | [FS\_AI4Media] Updates to definitions | InterDigital Finland Oy | 9.7 | S4-230312 | revised |  |
| [S4-230123](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_122_Athens/Docs/S4-230123.zip) | [FS\_AI4Media] Updates to model optimization techniques and model update summary | InterDigital Finland Oy | 9.7 |  | agreed |  |
| [S4-230124](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_122_Athens/Docs/S4-230124.zip) | [FS\_AI4Media] Update to split inference between the network and UE | InterDigital Finland Oy | 9.7 | S4-230311 | revised |  |
| [S4-230125](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_122_Athens/Docs/S4-230125.zip) | [FS\_AI4Media] 5G AI model distribution | InterDigital Finland Oy | 9.7 | S4-230396 | merged |  |
| [S4-230128](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_122_Athens/Docs/S4-230128.zip) | MPEG Activity Update for the Study on QoE Metrics for AR/MR Services | MediaTek Inc. | 9.8 | S4-230150 | revised |  |
| S4-230136 | Pixel Streaming Codec Profile | Qualcomm Korea | 9.5 |  | withdrawn |  |
| [S4-230144](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_122_Athens/Docs/S4-230144.zip) | FS\_AIML] AI/ML Compression Library and Evaluation Framework | Qualcomm Korea | 9.7 |  | agreed |  |
| [S4-230145](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_122_Athens/Docs/S4-230145.zip) | JSON Format for Timed Metadata | Qualcomm Korea | 9.5 |  | agreed |  |
| [S4-230146](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_122_Athens/Docs/S4-230146.zip) | [MeCAR] on pose information | Samsung Electronics Co., Ltd | 9.5 | S4-230390 | revised |  |
| [S4-230150](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_122_Athens/Docs/S4-230150.zip) | MPEG Activity Update for the Study on QoE Metrics for AR/MR Services | MediaTek Inc. | 9.8 |  | agreed |  |
| [S4-230151](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_122_Athens/Docs/S4-230151.zip) | Update on federated learning workflows | vivo | 9.7 | S4-230304 | merged |  |
| [S4-230156](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_122_Athens/Docs/S4-230156.zip) | [FS\_AI4Media] Basic workflow for distributed/federated learning | Samsung Electronics Czech | 9.7 | S4-230304 | revised |  |
| [S4-230158](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_122_Athens/Docs/S4-230158.zip) | [FS\_AI4Media] Considering AI/ML in the 5GMS architecture | Samsung Electronics Czech | 9.7 | S4-230396 | revised |  |
| [S4-230159](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_122_Athens/Docs/S4-230159.zip) | [FS\_AI4Media] Proposed Updated Time and Work Plan | Samsung Electronics Czech | 9.7 | S4-230375 | revised |  |
| [S4-230170](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_122_Athens/Docs/S4-230170.zip) | Add description on AI model evaluation | vivo | 9.7 |  | agreed |  |
| [S4-230172](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_122_Athens/Docs/S4-230172.zip) | [MeCAR] Addition of eye gaze to interaction metadata | Nokia Corporation | 9.5 |  | agreed |  |
| [S4-230174](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_122_Athens/Docs/S4-230174.zip) | [FS\_ARMRQOE] Head motion aware QoE metric | Nokia Corporation | 9.8 | S4-230306 | revised |  |
| [S4-230185](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_122_Athens/Docs/S4-230185.zip) | Reference Fixes and Clarifications | Fraunhofer HHI, Tencent, Qualcomm incorporated | 9.4 | S4-230303 | revised |  |
| [S4-230191](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_122_Athens/Docs/S4-230191.zip) | [MeCAR] on QoE metrics | Samsung Electronics Co., Ltd | 9.5 |  | noted |  |
| [S4-230197](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_122_Athens/Docs/S4-230197.zip) | Discussion on the basic AR/MR use case for QoE study | Huawei, HiSilicon | 9.8 | S4-230394 | revised |  |
| [S4-230202](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_122_Athens/Docs/S4-230202.zip) | [FS\_ARMR\_QoE] Proposed Updated Time Plan | China Unicom | 9.8 | S4-230387 | revised |  |
| [S4-230203](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_122_Athens/Docs/S4-230203.zip) | Discussion on the ARMR architecture for QoE collection | China Unicom | 9.8 | S4-230395 | revised |  |
| S4-230205 | [FS\_XRTraffic] Proposed Updates to TR 26.926 | Qualcomm incorporated | 9.6 |  | withdrawn |  |
| [S4-230206](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_122_Athens/Docs/S4-230206.zip) | AR Gaming use case implementation | InterDigital, Inc. | 9.5 |  | noted |  |
| [S4-230207](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_122_Athens/Docs/S4-230207.zip) | MPEG Scene Description for MeCAR | InterDigital, Inc. | 9.5 |  | agreed |  |
| [S4-230211](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_122_Athens/Docs/S4-230211.zip) | Proposed clean-ups of MeCAR Permanent Document v4.0 | Xiaomi Communications | 9.5 |  | agreed |  |
| [S4-230212](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_122_Athens/Docs/S4-230212.zip) | Aligning MeCAR UE architectures on the XR Client generic architecture | Xiaomi Communications | 9.5 |  | agreed |  |
| [S4-230217](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_122_Athens/Docs/S4-230217.zip) | V3C Adaptive streaming demo on AR Glasses | InterDigital Communications | 9.11 |  | noted |  |
| [S4-230218](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_122_Athens/Docs/S4-230218.zip) | High brightness challenges for Augmented Reality glasses | Xiaomi Communications | 9.5 |  | noted |  |
| [S4-230219](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_122_Athens/Docs/S4-230219.zip) | Updates to the video decoder interface capabilities and AR UE device capabilities | Xiaomi Communications | 9.5 |  | agreed |  |
| [S4-230222](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_122_Athens/Docs/S4-230222.zip) | On transparency information in MeCAR | Xiaomi Communications | 9.5 | S4-230392 | revised |  |
| [S4-230225](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_122_Athens/Docs/S4-230225.zip) | pCR on Introduction of split models and configurations | Tencent | 9.7 | S4-230401 | revised |  |
| [S4-230226](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_122_Athens/Docs/S4-230226.zip) | [MeCAR] Alignment of device architecture with 5GMSA | Tencent Cloud | 9.5 |  | - | 14.4 |
| [S4-230265](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_122_Athens/Docs/S4-230265.zip) | [FS\_ARMRQoE] Safe viewing zone metric | Tencent Cloud | 9.8 |  | noted |  |
| **Tdoc number** | **Title** | **Source** | **Agenda item** | **Replaced by** | **SWG status** | **Plenary A.I.** |
| S4-230293 | TR 26.926v1.4.0 | Qualcomm Europe Inc. Sweden | 9.6 |  | - | 15.1 |
| S4-230294 | Draft TR 26.812 QoE metrics for AR/MR services v0.3.0 | China Unicom (Rapporteur) | 9.8 |  | - | 15.6 |
| [S4-230303](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_122_Athens/Docs/S4-230303.zip) | Reference Fixes and Clarifications | Fraunhofer HHI, Tencent, Qualcomm incorporated | 9.7 |  | agreed | 14.13 |
| [S4-230304](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_122_Athens/Docs/S4-230304.zip) | [FS\_AI4Media] Basic workflow for distributed/federated learning | Samsung Electronics Czech, Vivo, Tencent | 9.7 |  | agreed |  |
| S4-230305 | [FS\_AI4Media] PD v0.6 | Samsung Electronics Czech | 9.7 |  | - | 15.2 |
| S4-230306 | [FS\_ARMRQOE] pCR on Head motion aware QoE metric | Nokia Corporation | 9.8 |  | agreed |  |
| S4-230307 | MeCAR Permanent document v5.0 | Xiaomi Communications | 9.5 |  | - | 14.4 |
| S4-230308 | MeCAR Work Plan updates | Xiaomi Communications | 9.5 |  | agreed | 14.4 |
| [S4-230309](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_122_Athens/Docs/S4-230309.zip) | [FS\_AI4Media] Intermediate data transfer optimization techniques | InterDigital Finland Oy | 9.7 |  | agreed |  |
| [S4-230310](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_122_Athens/Docs/S4-230310.zip) | [FS\_AI4Media] Add intermediate data compression option for split operations | InterDigital Finland Oy | 9.7 |  | agreed |  |
| [S4-230311](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_122_Athens/Docs/S4-230311.zip) | [FS\_AI4Media] Update to split inference between network and UE | InterDigital Finland Oy | 9.7 |  | agreed |  |
| [S4-230312](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_122_Athens/Docs/S4-230312.zip) | [FS\_AI4Media] Updates to definitions | InterDigital Finland Oy | 9.7 |  | agreed |  |
| [S4-230356](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_122_Athens/Docs/S4-230356.zip) | CR to TR 26.928 Add Clarification of the difference between Immersion and Presence | China Mobile Com. Corporation | 9.4 |  | agreed | 14.13 |
| S4-230357 | [MeCAR] Updates to Device Architecture | Qualcomm incorporated | 9.5 |  | - | 14.4 |
| S4-230378 | Draft TR 26.927 Study on AIML in 5G media services v0.3.0 | Tencent | 9.7 | S4-230405 | revised |  |
| S4-230387 | [FS\_ARMR\_QoE] Proposed Updated Time Plan | China Unicom | 9.8 |  | agreed | 15.6 |
| [S4-230390](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_122_Athens/Docs/S4-230390.zip) | [MeCAR] on pose information | Samsung Electronics Co., Ltd | 9.5 |  | agreed |  |
| S4-230392 | On transparency information in MeCAR | Xiaomi Communications | 9.5 |  | agreed |  |
| [S4-230394](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_122_Athens/Docs/S4-230394.zip) | Discussion on the basic AR/MR use case for QoE study | Huawei, HiSilicon | 9.8 |  | agreed |  |
| S4-230395 | Discussion on the ARMR architecture for QoE collection | China Unicom | 9.8 |  | agreed |  |
| [S4-230396](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_122_Athens/Docs/S4-230396.zip) | [FS\_AI4Media] Considering AI/ML from the 5GMS architecture | Samsung Electronics Czech, InterDigital Finland Oy | 9.7 |  | agreed |  |
| S4-230397 | VIDEO SWG report during SA4#122 | VIDEO SWG Chair (Tencent) | 9.7 |  | agreed |  |
| S4-230401 | pCR on Introduction of split models and configurations | Tencent, Samsung Electronics Co., Ltd, InterDigital Finland Oy | 9.7 |  | agreed |  |
| S4-230405 | Draft TR 26.927 Study on AIML in 5G media services v0.3.1 | Tencent | 9.7 |  |  | 15.2 |

Annex B: Participants list (XX)

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| **NAME** | **LASTNAME** | **COMPANY** |
| Mike | **WAZOWSKI** | **Monsters, Inc.** |
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