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

Title: Proposed meeting agenda for VIDEO SWG during SA4#133-e

Document for: your information

Agenda Item: 9

9. Video SWG

9.1 Opening of the session, registration of documents

Link to online minutes:

9.2 IPR, antitrust and consensus reminder

<https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_133-e/Inbox/Drafts/Plenary/SA4-IPR-CompetionLaw-ConsensusPinciples.pptx>

9.3 Reports and liaisons from other groups/meetings – *Plenary A.I. 5.2-5.3*

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| **Tdoc** | **Title** | **Status** |
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9.4 Release 18 and earlier matters *– 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. 14.4*

WID: [SP-250818](https://www.3gpp.org/ftp/tsg_sa/TSG_SA/TSGS_108_Prague_2025-06/Docs/SP-250818.zip) New WID on Video Operating Points - Harmonization and Stereo MV-HEVC

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| **Tdoc** | **Title** | **Status** |
| **Draft TS** |
| [**S4-251339**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_133-e/Docs/S4-251339.zip) | [VOPS] Misc corrections |  |
| [**S4-251380**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_133-e/Docs/S4-251380.zip) | [VOPS] Updates to TS 26.265 |  |
| **Formats & operation points** |
| [**S4-251335**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_133-e/Docs/S4-251335.zip) | [VOPS] On Random Access Points |  |
| [**S4-251340**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_133-e/Docs/S4-251340.zip) | [VOPS] On video coding capabilities and operating points |  |
| [**S4-251398**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_133-e/Docs/S4-251398.zip) | [VOPS] pCR on Clarifications of bitstream constraints rules |  |
| **Frame packed & MV-HEVC** |
| [**S4-251334**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_133-e/Docs/S4-251334.zip) | [VOPS] On Multiview profiles |  |
| [**S4-251336**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_133-e/Docs/S4-251336.zip) | [VOPS] On Multiview features |  |
| **S4-251341** | [VOPS] Updates for MV-HEVC |  |
| **System integration** |
| [**S4-251338**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_133-e/Docs/S4-251338.zip) | [VOPS] On stereo codecs parameter strings |  |
| [**S4-251399**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_133-e/Docs/S4-251399.zip) | [VOPS] pCR on Coded Video Layer in system integration |  |
| **Conformance** |
| [**S4-251216**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_133-e/Docs/S4-251216.zip) | VOPS Permanent Document for conformance work v0.2.0 |  |
| [**S4-251337**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_133-e/Docs/S4-251337.zip) | [VOPS] On Conformance bitstreams |  |
| [**S4-251409**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_133-e/Docs/S4-251409.zip) | [VOPS] Update on bitstream validation software |  |
| **Time plan** |
| **S4-251342** | [VOPS] Work Plan |  |
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9.6 FS\_Beyond2D (Study on Beyond 2D Video) *– Closing plenary A.I. 15.2*

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** |
| **Draft TR & PD** |
| [**S4-251323**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_133-e/Docs/S4-251323.zip) | [FS\_Beyond2D] TR 26.956 V1.1.0 |  |
| [**S4-251325**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_133-e/Docs/S4-251325.zip) | [FS\_Beyond2D]Cover Page of TR 26.956 |  |
| [**S4-251324**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_133-e/Docs/S4-251324.zip) | [FS\_Beyond2D]Permenant Document v1.0.0 |  |
| [**S4-251389**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_133-e/Docs/S4-251389.zip) | [FS\_Beyond2D] Terms and Abbreviations |  |
|  **General** |
| [**S4-251263**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_133-e/Docs/S4-251263.zip) | [FS\_Beyond2D] pCR on Annex F Data management and hosting |  |
|  **Stereoscopic video** |
| [**S4-251320**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_133-e/Docs/S4-251320.zip) | [FS\_Beyond2D] pCR on Evaluation Results for the Scenario 1  |  |
|  **Other formats** |
| [**S4-251318**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_133-e/Docs/S4-251318.zip) | [FS\_Beyond2D] Gaussian Splats in glTF |  |
|  **Point cloud** |
| [**S4-251286**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_133-e/Docs/S4-251286.zip) | [FS\_Beyond2D] pCR on evaluation results for scenario 2 |  |
| [**S4-251288**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_133-e/Docs/S4-251288.zip) | [FS\_Beyond2D] pCR on corrections and completion in annexes for scenario 2 |  |
| [**S4-251289**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_133-e/Docs/S4-251289.zip) | [FS\_Beyond2D] pCR on corrections and completion in clause 7 for scenario 2 |  |
| [**S4-251291**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_133-e/Docs/S4-251291.zip) | [FS\_Beyond2D] pCR on gaps, conclusion and next steps for scenario 2 |  |
| **S4-251293** | [FS\_Beyond2D] pCR on complementary evaluation results for scenario 2 |  |
|  |  |  |
|  **Gaps** |
| [**S4-251321**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_133-e/Docs/S4-251321.zip) | [FS\_Beyond2D] Gaps and Optimization Potential |  |
|  **Conclusions** |
| [**S4-251319**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_133-e/Docs/S4-251319.zip) | [FS\_Beyond2D] Draft Conclusions | **Revised 1383** |
| [**S4-251322**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_133-e/Docs/S4-251322.zip) | [FS\_Beyond2D] DRAFT Conclusions and Proposed Next Steps |  |
| [**S4-251383**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_133-e/Docs/S4-251383.zip) | [FS\_Beyond2D] Draft Conclusions and Recommendations |  |
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9.7 FS\_ARSpatial (Study on Spatial Computing for AR) – Plenary A.I. 15.3

WID: [SP-240677](https://www.3gpp.org/ftp/tsg_sa/TSG_SA/TSGS_103_Maastricht_2024-03/Docs/SP-240677.zip) New SID on Spatial Computing for AR Services

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| **Tdoc** | **Title** | **Status** |
| **Draft TR** |
| [**S4-251416**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_133-e/Docs/S4-251416.zip) | [FS\_ARSpatial] pCR on Image References |  |
| **Spatial description architecture & functions** |
| [**S4-251287**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_133-e/Docs/S4-251287.zip) | [FS\_ARSpatial] pCR on mapping of spatial computing to 5G services |  |
| [**S4-251353**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_133-e/Docs/S4-251353.zip) | [FS\_ARSpatial] pCR on spatial computing functions |  |
| **Conclusions** |
| [**S4-251410**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_133-e/Docs/S4-251410.zip) | [FS\_ARSpatial] pCR on Conclusions and Proposed Next Steps |  |
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9.8 Other Rel-19 matters including TEI *– Closing plenary A.I. 14*

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| **Tdoc** | **Title** | **Status** |
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9.9 Any other business *– Closing plenary A.I. 20*

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| **Tdoc** | **Title** | **Status** |
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9.10 Close of the session - *VIDEO SWG report A.I. 12.3*

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| **Tdoc** | **Title** | **Status** |
| **S4-251445** | VIDEO SWG report during SA4#133-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

 Highlighted = go to SA4 plenary

 **~~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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|  | **Friday 18****August** | **Monday 21****August** | **Tuesday 22****August** | **Wednesday 23****August** | **Thursday 24****August** | **Friday 25****August** |
| CEST | Online | Online | Online | Online | Online | Online |
| 0900 - 0930 | 0900 CEST SA4 e-meeting starts |  |  |  |  |  |
| 0930 - 1000 |  |  |  |  |  |
| … |  |  |  |  |  |  |
| 1430 - 1500 |  |  |  |  |  |  |
| 1500 - 1530 | Opening plenary1-6 | MBS / RTC | Video SWG(FS\_Beyond2D / FS\_ARSpatial) | MBS / Audio | Closing plenary11-21 except 17 | Closing plenaryAgenda item 17 (Rel-20) |
| 1530 - 1600 |
| 1600 - 1630 |
| 1630 - 1700 | Video SWG (VOPS) | MBS / RTC | Video (Washup) |
| 1700 - 1730 |
| 1730 - 1800 |

Annex A – Documents’ status

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| --- | --- | --- | --- | --- | --- | --- |
| **Tdoc number** | **Title** | **Source** | **SWG Agenda Item** | **Replaced by** | **SWG Status** | **SA4 A.I. for Tdocs presented at SA4 plenary\*** |
| [S4-251216](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_133-e/Docs/S4-251216.zip) | VOPS Permanent Document for conformance work v0.2.0 | Xiaomi Technology (Polska) sp. | 9.5 |  |  |  |
| [S4-251263](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_133-e/Docs/S4-251263.zip) | [FS\_Beyond2D] pCR on Annex F Data management and hosting | Philips International B.V. | 9.6 |  |  |  |
| [S4-251286](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_133-e/Docs/S4-251286.zip) | [FS\_Beyond2D] pCR on evaluation results for scenario 2 | InterDigital France R&D, SAS | 9.6 |  |  |  |
| [S4-251287](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_133-e/Docs/S4-251287.zip) | [FS\_ARSpatial] pCR on mapping of spatial computing to 5G services | Nokia | 9.7 |  |  |  |
| [S4-251288](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_133-e/Docs/S4-251288.zip) | [FS\_Beyond2D] pCR on corrections and completion in annexes for scenario 2 | InterDigital France R&D, SAS | 9.6 |  |  |  |
| [S4-251289](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_133-e/Docs/S4-251289.zip) | [FS\_Beyond2D] pCR on corrections and completion in clause 7 for scenario 2 | InterDigital France R&D, SAS | 9.6 |  |  |  |
| [S4-251291](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_133-e/Docs/S4-251291.zip) | [FS\_Beyond2D] pCR on gaps, conclusion and next steps for scenario 2 | InterDigital France R&D, SAS | 9.6 |  |  |  |
| S4-251293 | [FS\_Beyond2D] pCR on complementary evaluation results for scenario 2 | InterDigital France R&D, SAS | 9.6 |  |  |  |
| [S4-251318](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_133-e/Docs/S4-251318.zip) | [FS\_Beyond2D] Gaussian Splats in glTF | Qualcomm Incorporated | 9.6 |  |  |  |
| [S4-251319](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_133-e/Docs/S4-251319.zip) | [FS\_Beyond2D] Draft Conclusions | Qualcomm Incorporated | 9.6 | S4-251383 | revised |  |
| [S4-251320](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_133-e/Docs/S4-251320.zip) | [FS\_Beyond2D] pCR on Evaluation Results for the Scenario 1  | China Mobile (Hangzhou) Inf. | 9.6 |  |  |  |
| [S4-251321](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_133-e/Docs/S4-251321.zip) | [FS\_Beyond2D] Gaps and Optimization Potential | China Mobile (Hangzhou) Inf. | 9.6 |  |  |  |
| [S4-251322](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_133-e/Docs/S4-251322.zip) | [FS\_Beyond2D] DRAFT Conclusions and Proposed Next Steps | China Mobile (Hangzhou) Inf. | 9.6 |  |  |  |
| [S4-251323](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_133-e/Docs/S4-251323.zip) | [FS\_Beyond2D] TR 26.956 V1.1.0 | China Mobile (Hangzhou) Inf. | 9.6 |  |  |  |
| [S4-251324](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_133-e/Docs/S4-251324.zip) | [FS\_Beyond2D]Permenant Document v1.0.0 | China Mobile (Hangzhou) Inf. | 9.6 |  |  |  |
| [S4-251325](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_133-e/Docs/S4-251325.zip) | [FS\_Beyond2D]Cover Page of TR 26.956 | China Mobile (Hangzhou) Inf. | 9.6 |  |  |  |
| [S4-251334](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_133-e/Docs/S4-251334.zip) | [VOPS] On Multiview profiles | Apple Inc., Samsung | 9.5 |  |  |  |
| [S4-251335](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_133-e/Docs/S4-251335.zip) | [VOPS] On Random Access Points | Apple Inc. | 9.5 |  |  |  |
| [S4-251336](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_133-e/Docs/S4-251336.zip) | [VOPS] On Multiview features | Apple Inc. | 9.5 |  |  |  |
| [S4-251337](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_133-e/Docs/S4-251337.zip) | [VOPS] On Conformance bitstreams | Apple Inc. | 9.5 |  |  |  |
| [S4-251338](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_133-e/Docs/S4-251338.zip) | [VOPS] On stereo codecs parameter strings | Apple Inc. | 9.5 |  |  |  |
| [S4-251339](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_133-e/Docs/S4-251339.zip) | [VOPS] Misc corrections | Apple Inc. | 9.5 |  |  |  |
| [S4-251340](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_133-e/Docs/S4-251340.zip) | [VOPS] On video coding capabilities and operating points | Apple Inc. | 9.5 |  |  |  |
| S4-251341 | [VOPS] Updates for MV-HEVC | Apple Inc., Qualcomm Incorporated, Tencent | 9.5 |  |  |  |
| S4-251342 | [VOPS] Work Plan | Apple Inc. | 9.5 |  |  |  |
| [S4-251353](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_133-e/Docs/S4-251353.zip) | [FS\_ARSpatial] pCR on spatial computing functions | Nokia | 9.7 |  |  |  |
| [S4-251380](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_133-e/Docs/S4-251380.zip) | [VOPS] Updates to TS 26.265 | Qualcomm Incorporated | 9.5 |  |  |  |
| [S4-251383](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_133-e/Docs/S4-251383.zip) | [FS\_Beyond2D] Draft Conclusions and Recommendations | Qualcomm Incorporated, Tencent | 9.6 |  |  |  |
| [S4-251389](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_133-e/Docs/S4-251389.zip) | [FS\_Beyond2D] Terms and Abbreviations | China Mobile (Hangzhou) Inf. | 9.6 |  |  |  |
| [S4-251398](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_133-e/Docs/S4-251398.zip) | [VOPS] pCR on Clarifications of bitstream constraints rules | Xiaomi Technology (Polska) sp. | 9.5 |  |  |  |
| [S4-251399](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_133-e/Docs/S4-251399.zip) | [VOPS] pCR on Coded Video Layer in system integration | Xiaomi Technology (Polska) sp. | 9.5 |  |  |  |
| [S4-251409](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_133-e/Docs/S4-251409.zip) | [VOPS] Update on bitstream validation software | Xiaomi Technology (Polska) sp. | 9.5 |  |  |  |
| [S4-251410](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_133-e/Docs/S4-251410.zip) | [FS\_ARSpatial] pCR on Conclusions and Proposed Next Steps | InterDigital Canada | 9.7 |  |  |  |
| [S4-251416](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_133-e/Docs/S4-251416.zip) | [FS\_ARSpatial] pCR on Image References | InterDigital Canada | 9.7 |  |  |  |
| S4-251445 | VIDEO SWG report during SA4#133-e | VIDEO SWG Chair (Tencent) | - |  |  | 12.3 |
| **Tdoc number** | **Title** | **Source** | **Agenda item** | **Replaced by** | **SWG status** | **Plenary A.I.** |
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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)