**Source: SA4 MBS Chairman[[1]](#footnote-1)**

**Title: 3GPP SA4 MBS SWG report during SA4#132**

**Document for: Approval**

**Agenda item: 12.2**

MBS SWG Minutes SA4#132

## 8.0 Executive Summary

To be added.

## 8.1 Opening of the session, registration of documents

### 8.1.1 Opening of the session

Mr. Frédéric Gabin (Dolby, Chairman of MBS SWG) opens the sessions on May 20, 2025 at 09:00 local time.

Thomas Stockhammer (Qualcomm), Julien Lemotheux (Orange) and Daniel Venmani (Nokia) are assigned as scribes.

The minutes are shared: [MBS SWG Minutes SA4#132](https://docs.google.com/document/d/1xKOuTXf9TXh6hvYKpAUejqfI__HgjrQKqwA7f8MVn7g/edit?usp=sharing)

The attendance is tracked [here](#bxrguoa2ijzi).

All e-mail discussions during the meeting can be tracked here:

* [https://list.etsi.org/scripts/wa.exe?A1=ind2505C&L=3GPP\_TSG\_SA\_WG4\_MBS](https://list.etsi.org/scripts/wa.exe?A1=ind2504B&L=3GPP_TSG_SA_WG4_MBS)
* [https://list.etsi.org/scripts/wa.exe?A1=ind2505D&L=3GPP\_TSG\_SA\_WG4\_MBS](https://list.etsi.org/scripts/wa.exe?A1=ind2504C&L=3GPP_TSG_SA_WG4_MBS)

SA4 Schedule: [S4-251016](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-251016.zip)



The agenda and the registration of documents are approved.

### 8.1.2 Registration of documents

|  |  |  |  |
| --- | --- | --- | --- |
| TDoc | Title | Source | Agenda item |
| [S4-250756](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250756.zip) | [5MBP3] MIME media type registration for object manifest | BBC | 8.4 |
| [S4-250757](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250757.zip) | [5MBP3] MIME media type registration for object manifest | BBC | 8.4 |
| [S4-250758](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250758.zip) | [AMD\_PRO-MED] WT1: JSON-based metrics report syntax and MIME type registration | BBC | 8.5 |
| [S4-250759](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250759.zip) | [AMD\_PRO-MED] WT1: CMCD provisioning (M1), reporting (M3) and exposure (R5/R6) | BBC | 8.5 |
| [S4-250787](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250787.zip) | On NTN intended service area in the Service Announcement | Qualcomm Germany | 8.3 |
| [S4-250788](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250788.zip) | [FS\_MeMe] New Key Issue on Image Formats | Qualcomm Technologies Int | 8.6 |
| [S4-250789](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250789.zip) | [FS\_MeMe] General Updates to TR 26.841 | Qualcomm Sweden | 8.6 |
| [S4-250790](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250790.zip) | [FS\_MeMe] Media Service Enabler | Qualcomm Sweden | 8.6 |
| [S4-250791](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250791.zip) | [FS\_MeMe] Manifest-based Rich Media Messages | Qualcomm Sweden | 8.6 |
| [S4-250792](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250792.zip) | [FS\_MeMe] DRM-protected Media Messages | Qualcomm Sweden | 8.6 |
| [S4-250793](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250793.zip) | [FS\_MeMe] Proposed Conclusions and Recommendations | Qualcomm Sweden | 8.6 |
| [S4-250794](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250794.zip) | [FS\_MeMe] Time and Work Plan for Media Messaging | Qualcomm Technologies Int | 8.6 |
| [S4-250827](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250827.zip) | Latency Measurement and Control in 5GMS | Qualcomm Sweden | 8.7 |
| [S4-250828](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250828.zip) | [FS\_MEME] Thoughts and Issues with using DASH for messaging service | HUAWEI TECH. GmbH | 8.6 |
| [S4-250844](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250844.zip) | [AMD\_PRO-MED] WT1: CMCD provisioning (M1d) and configuration(M5d) (TS 26.510 Updates) | Qualcomm Technologies | 8.5 |
| [S4-250875](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250875.zip) | Correction to MBS communication service type for QMC | Nokia | 8.3 |
| [S4-250877](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250877.zip) | Draft LS to RAN3 on MBS Communication Service Type for QMC | Nokia | 8.3 |
| [S4-250884](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250884.zip) | [5GMS\_Pro\_Ph2] Correction to the Dynamic Policy resource definition | Nokia | 8.4 |
| [S4-250894](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250894.zip) | Stage 3 on Improved QoS Support for Media Streaming services | Huawei, HiSilicon | 8.5 |
| [S4-250895](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250895.zip) | Support of Improved QoS for media streaming services | Huawei, HiSilicon | 8.5 |
| [S4-250896](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250896.zip) | Clarification on support of Improved QoS for media streaming services | Huawei, HiSilicon | 8.4 |
| [S4-250907](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250907.zip) | Discussion and proposed way forward on MBS over NTN | Ericsson LM | 8.7 |
| [S4-250908](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250908.zip) | Target Service Area Data Type in Service Announcement | Ericsson LM | 8.7 |
| [S4-250909](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250909.zip) | Aligning Stage 2 Session Announcement with Stage 3 on target service area | Ericsson LM | 8.7 |
| [S4-250910](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250910.zip) | Aligning Stage 2 Session Announcement with Stage 3 on target service area | Ericsson LM | 8.7 |
| [S4-250911](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250911.zip) | Aligning Stage 2 Session Announcement with Stage 3 on target service area | Ericsson LM | 8.7 |
| [S4-250950](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250950.zip) | [AMD\_PRO-MED] WT2: TS 26.510 technology-independent feature updates to enable media delivery from multiple service locations | Dolby Laboratories Inc. | 8.5 |
| [S4-250951](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250951.zip) | [AMD\_PRO-MED] WT2: TS 26.512 technology-independent feature updates to enable media delivery from multiple service locations | Dolby Laboratories Inc. | 8.5 |
| [S4-250952](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250952.zip) | [AMD\_PRO-MED] WT2: New annexes to specify use of CMMF within TS 26.512 | Dolby Laboratories Inc. | 8.5 |
| [S4-250953](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250953.zip) | [AMD\_PRO-MED] WT2: Summary of CRs related to media delivery from multiple service locations | Dolby Laboratories Inc. | 8.5 |
| [S4-250966](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250966.zip) | [AMD\_PRO-MED] Stage-3 Aspects of Multi-access Media Delivery | Nokia | 8.5 |
| [S4-250968](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250968.zip) | [AMD\_PRO-MED] Stage-3 Aspects of Network Slicing | Samsung Electronics Co. Ltd | 8.5 |
| [S4-250969](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250969.zip) | [AMD\_PRO-MED] Stage-3 Aspects of Multi-access Media Delivery | Samsung Electronics Co. Ltd., BBC | 8.5 |
| [S4-250970](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250970.zip) | [AMD\_PRO-MED] Changes to 26510 OpenAPI on Stage-3 Aspects of Multi-access Media Delivery | Samsung Electronics Co. Ltd | 8.5 |
| [S4-250988](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250988.zip) | [AMD\_PRO-MED] DRM Format Support | Qualcomm Sweden | 8.5 |
| [S4-250990](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250990.zip) | [AMD\_PRO-MED] DRM Protocol Support | Qualcomm Sweden | 8.5 |
| [S4-250992](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250992.zip) | [AMD\_PRO-MED] Time Synchronization | Qualcomm Technologies Int | 8.5 |
| [S4-250994](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250994.zip) | [AMD\_PRO-MED] In-session Unicast Repair for MBMS Object Distribution | Qualcomm Sweden | 8.5 |
| S4-250995 | [AMD\_PRO-MED] In-session Unicast Repair for MBS Object Distribution | Qualcomm Sweden | 8.5 |
| S4-250998 | [AMD\_PRO-MED] Updated Work Plan for WID on Stage-3 for Advanced Media Delivery | Qualcomm Incorporated | 8.5 |
| [S4-251000](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-251000.zip) | [FS\_AMD] Combined MBS and Unicast Services | Qualcomm Germany | 8.7 |
| [S4-251022](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-251022.zip) | [AMD\_PRO-MED] WT2: Corrections and Clarifications to TS 26.512 Rel-18 | Dolby Laboratories Inc. | 8.4 |
| [S4-251023](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-251023.zip) | [AMD\_PRO-MED] WT2: Corrections and Clarifications to TS 26.510 Rel-18 | Dolby Laboratories Inc. | 8.4 |
| [S4-251028](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-251028.zip) | Aligning Stage 2 Session Announcement with Stage 3 on target service area | Ericsson LM | 8.7 |
| [S4-251030](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-251030.zip) | Reply on Inclusion of NTN intended service area in the Service Announcement | Ericsson GmbH, Eurolab | 8.3 |
| [S4-251031](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-251031.zip) | [AMD\_PRO-MED] WT2: TS 26.510 technology-independent feature updates to enable media delivery from multiple service locations | Dolby Laboratories Inc. | 8.5 |
| S4-251060 | [FS\_AMD] Combined MBS and Unicast Services | Qualcomm Germany | 8.7 |
| [S4-251061](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-251061.zip) | Latency Measurement and Control in 5GMS | Qualcomm Sweden | 8.7 |
| S4-251062 | [FS\_MeMe] Time and Work Plan for Media Messaging | Qualcomm Technologies Int | 8.6 |
| [S4-251063](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-251063.zip) | [AMD\_PRO-MED] WT1: CMCD provisioning (M1), reporting (M3) and exposure (R5/R6) | BBC | 8.5 |
| [S4-251064](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-251064.zip) | TR 26.841v2.0.0: Media Messaging Enhancements | Qualcomm Sweden | 8.6 |
| [S4-251065](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-251065.zip) | Aligning Stage 2 Session Announcement with Stage 3 on target service area | Ericsson LM | 8.7 |
| S4-251066 | [AMD\_PRO-MED] Time Synchronization | Qualcomm Technologies Int | 8.5 |
| [S4-251067](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-251067.zip) | Target Service Area Data Type in Service Announcement | Ericsson LM | 8.7 |
| [S4-251094](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-251094.zip) | [AMD\_PRO-MED] Stage-3 Aspects of Multi-access Media Delivery | Nokia | 8.5 |
| [S4-251095](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-251095.zip) | Correction to MBS communication service type for QMC | Nokia, Huawei, Ericsson LM, Qualcomm | 8.3 |
| [S4-251096](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-251096.zip) | Draft LS to RAN3 on MBS Communication Service Type for QMC | Nokia | 8.3 |
| [S4-251097](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-251097.zip) | [AMD\_PRO-MED] Stage-3 Aspects of Multi-access Media Delivery | Samsung Electronics Co. Ltd., BBC | 8.5 |
| [S4-251099](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-251099.zip) | Reply on Inclusion of NTN intended service area in the Service Announcement | Ericsson GmbH, Eurolab | 8.3 |
| [S4-251102](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-251102.zip) | [FS\_MeMe] Manifest-based Rich Media Messages | Qualcomm Sweden, Dolby | 8.6 |
| [S4-251103](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-251103.zip) | [FS\_MeMe] DRM-protected Media Messages | Qualcomm Sweden | 8.6 |
| [S4-251104](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-251104.zip) | [FS\_MeMe] Proposed Conclusions and Recommendations | Qualcomm Sweden | 8.6 |
| [S4-251105](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-251105.zip) | [5GMS\_Pro\_Ph2] Content Hosting and Publishing Corrections | Dolby Laboratories Inc. | 8.4 |
| [S4-251106](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-251106.zip) | [5MBP3, TEI18] References, reference points, and other corrections | Dolby Laboratories Inc. | 8.4 |
| [S4-251107](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-251107.zip) | [AMD\_PRO-MED] WT2: TS 26.512 technology-independent feature updates to enable media delivery from multiple service locations | Dolby Laboratories Inc. | 8.5 |
| S4-251109 | [AMD\_PRO-MED] WT2: New annexes to specify use of CMMF within TS 26.512 | Dolby Laboratories Inc. | 8.5 |
| [S4-251111](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-251111.zip) | [FS\_MeMe] New Key Issue on Image Formats | Qualcomm Technologies Int | 8.6 |
| S4-251112 | Clarification on support of Improved QoS for media streaming services | Huawei, HiSilicon, Ericsson, BBC | 8.7 |
| [S4-251113](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-251113.zip) | Target Service Area Data Type in Service Announcement | Ericsson LM | 8.7 |
| [S4-251114](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-251114.zip) | [5MBP3] MIME media type registration for object manifest | BBC | 8.4 |
| [S4-251115](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-251115.zip) | [5MBP3] MIME media type registration for object manifest | BBC | 8.4 |
| S4-251117 | Stage 3 on Improved QoS Support for Media Streaming services | Huawei, HiSilicon | 8.5 |
| S4-251118 | Support of Improved QoS for media streaming services | Huawei, HiSilicon | 8.5 |
| S4-251119 | [AMD\_PRO-MED] Stage-3 Aspects of Multi-access Media Delivery | Samsung Electronics Co. Ltd., BBC | 8.5 |
| S4-251121 | [AMD\_PRO-MED] DASH Instantiation and DRM Protocol Support | Qualcomm Sweden | 8.5 |

## 8.2 IPR and antitrust reminder

The chairman read the antitrust and IPR clause.

*"The attention of the delegates to the meeting of this SWG was drawn to the fact that 3GPP Individual Members have the obligation under the IPR Policies of their respective Organizational Partners to inform their respective Organizational Partners of Essential IPRs they become aware of.*

*The delegates were asked to take note that they were thereby invited:*

*to investigate whether their organization or any other organization owns IPRs which were, or were likely to become Essential in respect of the work of 3GPP.*

*to notify their respective Organizational Partners of all potential IPRs, e.g., for ETSI, by means of the IPR Information Statement and the Licensing declaration forms "*

*"The attention of the delegates to the meeting was drawn to the fact that 3GPP activities were subject to all applicable antitrust and competition laws and that compliance with said laws was therefore required by any participant of the meeting, including the Chair and Vice-Chairs and were invited to seek any clarification needed with their legal counsel. The leadership would conduct the present meeting with impartiality and in the interests of 3GPP. Delegates were reminded that timely submission of work items in advance of TSG/WG/SWG meetings was important to allow for full and fair consideration of such matters."*

## 8.3 Reports/Liaisons from other groups/meetings

### 8.3.1 Incoming LSs

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| TDoc | [S4-250765](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250765.zip) |
| Title | Inclusion of NTN intended service area in the Service Announcement |
| Source | RAN2 |
| Contact | Andrijana Brekalo |
| Agenda Item | 8.3.1 |
| E-mail Discussion | No e-mail discussion. |
| Revisions | No revisions available. |
| Minutes |  |
| Disposition | Reply in 1030 (Thorsten) |
| Status | replied |

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| --- | --- |
| TDoc | [S4-250766](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250766.zip) |
| Title | Reply LS on MBS Communication Service Type |
| Source | RAN3 |
| Contact | Andrijana Brekalo |
| Agenda Item | 8.3.1 |
| E-mail Discussion | No e-mail discussion. |
| Revisions | No revisions available. |
| Minutes |  |
| Disposition | Reply in S4-250877 |
| Status | replied |

### 8.3.2 Proposed Responses

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| TDoc | [S4-250787](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250787.zip) |
| Title | On NTN intended service area in the Service Announcement |
| Source | Qualcomm Germany |
| Contact | Thomas Stockhammer |
| Agenda Item | 8.3 |
| E-mail Discussion | No e-mail discussion. |
| Revisions | No revisions available. |
| Minutes | 22/05/25  Presented by Thomas.   * Frederic: We didn’t really agree. |
| Disposition | Noted. |
| Status | noted |

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| TDoc | [S4-250875](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250875.zip) |
| Title | Correction to MBS communication service type for QMC |
| Source | Nokia |
| Contact | Xuan (Shane) He |
| Agenda Item | 8.3 |
| E-mail Discussion | No e-mail discussion. |
| Revisions | [S4-250875\_QCOM.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Inbox/Drafts/MBS/S4-250875_QCOM.docx) |
| Minutes | 20/05/25  \_Huawei version presented by Shane   * Richard: What legacy means?   + Qi: It is other modes.   + Richard: “other” could be preferable.   22/05/25  R03 version presented by Shane.   * Thomas: Why this has been removed?   + Thorsten: OD has always been ignored. So, it is better to remove it. * Shane: I will add Qualcomm, Huawei and Ericsson as co-signers. |
| Disposition | Revised to S4-251095. |
| Status | **revised to S4-251095** |

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| TDoc | [S4-250877](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250877.zip) |
| Title | Draft LS to RAN3 on MBS Communication Service Type for QMC |
| Source | Nokia |
| Contact | Xuan (Shane) He |
| Agenda Item | 8.3 |
| E-mail Discussion | No e-mail discussion. |
| Revisions | [S4-250877\_QCOM.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Inbox/Drafts/MBS/S4-250877_QCOM.docx) |
| Minutes | 20/05/25  \_QCOM version presented by Shane.   * Thorsten: Option 3 is not really correct because unicast is not really in scope of this “all”.   + Shane: I will clarify it in a new revision.   22/05/25  R01 version presented by Shane.  No comments. |
| Disposition | Revised to S4-251096. The revision is agreed without presentation. |
| Status | **revised to S4-251096** |

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| TDoc | [S4-251030](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-251030.zip) |
| Title | Reply on Inclusion of NTN intended service area in the Service Announcement |
| Source | Ericsson GmbH, Eurolab |
| Contact | Thorsten Lohmar |
| Agenda Item | 8.3 |
| E-mail Discussion | No e-mail discussion. |
| Revisions | No revisions available. |
| Minutes | 22/05/25  Presented by Thorsten.   * Qi: I uploaded a revision with editorial corrections. * Thomas: I don’t believe we should put the conclusion in Actions. That should be moved to the body.   + Thorsten: I can do an update. |
| Disposition | Revised to S4-251099. The revision will be agreed without presentation. |
| Status | **revised to S4-251099** |

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| TDoc | [S4-251095](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-251095.zip) |
| Title | Correction to MBS communication service type for QMC |
| Source | Nokia, Huawei, Ericsson LM, Qualcomm |
| Contact | Xuan (Shane) He |
| Agenda Item | 8.3 |
| E-mail Discussion | No e-mail discussion. |
| Revisions | No revisions available. |
| Minutes |  |
| Disposition |  |
| Status | agreed |

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| TDoc | [S4-251096](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-251096.zip) |
| Title | Draft LS to RAN3 on MBS Communication Service Type for QMC |
| Source | Nokia |
| Contact | Xuan (Shane) He |
| Agenda Item | 8.3 |
| E-mail Discussion | No e-mail discussion. |
| Revisions | No revisions available. |
| Minutes |  |
| Disposition |  |
| Status | agreed |

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| TDoc | [S4-251099](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-251099.zip) |
| Title | Reply on Inclusion of NTN intended service area in the Service Announcement |
| Source | Ericsson GmbH, Eurolab |
| Contact | Thorsten Lohmar |
| Agenda Item | 8.3 |
| E-mail Discussion | No e-mail discussion. |
| Revisions | No revisions available. |
| Minutes |  |
| Disposition |  |
| Status | agreed |

## 8.4 CRs to completed features in Release 18 and earlier

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| TDoc | [S4-250756](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250756.zip) |
| Title | [5MBP3] MIME media type registration for object manifest |
| Source | BBC |
| Contact | Richard Bradbury |
| Agenda Item | 8.4 |
| E-mail Discussion | No e-mail discussion. |
| Revisions | [S4-250756\_QCOM.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Inbox/Drafts/MBS/S4-250756_QCOM.docx) |
| Minutes | 20/05/25  Presented by Richard.  22/05/25  \_QCOM version presented by Richard. |
| Disposition | Revised to S4-251114. The revision will goes to the plenary. |
| Status | **revised to S4-251114** |

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| TDoc | [S4-251114](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-251114.zip) |
| Title | [5MBP3] MIME media type registration for object manifest |
| Source | BBC |
| Contact | Richard Bradbury |
| Agenda Item | 8.4 |
| E-mail Discussion | No e-mail discussion. |
| Revisions | No revisions available. |
| Minutes |  |
| Disposition |  |
| Status | presented to plenary |

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| TDoc | [S4-250757](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250757.zip) |
| Title | [5MBP3] MIME media type registration for object manifest |
| Source | BBC |
| Contact | Richard Bradbury |
| Agenda Item | 8.4 |
| E-mail Discussion | No e-mail discussion. |
| Revisions | No revisions available. |
| Minutes |  |
| Disposition | Revised to S4-251115. The revision will goes to the plenary. |
| Status | **revised to S4-251115** |

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| TDoc | [S4-251115](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-251115.zip) |
| Title | [5MBP3] MIME media type registration for object manifest |
| Source | BBC |
| Contact | Richard Bradbury |
| Agenda Item | 8.4 |
| E-mail Discussion | No e-mail discussion. |
| Revisions | No revisions available. |
| Minutes |  |
| Disposition |  |
| Status | presented to plenary |

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| TDoc | [S4-250884](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250884.zip) |
| Title | [5GMS\_Pro\_Ph2] Correction to the Dynamic Policy resource definition |
| Source | Nokia |
| Contact | Serhan Gül |
| Agenda Item | 8.4 |
| E-mail Discussion | [Gilles Teniou on Tue, 20 May 2025 04:12:55 +0000](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;a525ee36.2505c)  [Gilles Teniou on Thu, 22 May 2025 04:17:07 +0000](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;7057b259.2505d) |
| Revisions | No revisions available. |
| Minutes | 20/05/25  Presented by Serhan.   * Richard: Have you checked the API YAML or just the spec?   + Serhan: Just the spec.   + Richard: If this is just the spec, that’s an easy fix. I need to check the API YAML. |
| Disposition |  |
| Status | agreed |

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| TDoc | [S4-250896](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250896.zip) |
| Title | Clarification on support of Improved QoS for media streaming services |
| Source | Huawei, HiSilicon |
| Contact | Qi Pan |
| Agenda Item | 8.4 |
| E-mail Discussion | No e-mail discussion. |
| Revisions | [S4-250896\_BBC.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Inbox/Drafts/MBS/S4-250896_BBC.docx) |
| Minutes | 20/05/25  r01 version presented by Qi.   * Frederic: This should be in the Rel-19 agenda item.   + Qi: Yes. * Thorsten: We should clarify this capability things.   22/05/25   * r03\_BBC version presented by Qi. * Thorsten: Can you add Ericsson as co-signer?   + Qi: OK. |
| Disposition | Revised to S4-251112. The revision will be agreed without presentation. |
| Status | **revised to S4-251112** |

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| TDoc | [S4-251022](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-251022.zip) |
| Title | [AMD\_PRO-MED] WT2: Corrections and Clarifications to TS 26.512 Rel-18 |
| Source | Dolby Laboratories Inc. |
| Contact | Jason Cloud |
| Agenda Item | 8.4 |
| E-mail Discussion |  |
| Revisions | No revisions available. |
| Minutes | 20/05/25  Presented by Jason.  22/05/25  r01 version presented by Jason.  No comments. |
| Disposition | r01 version agreed. Revised to S4-251106. The revision will be agreed without presentation. |
| Status | **revised to S4-251106** |

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| TDoc | [S4-251106](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-251106.zip) |
| Title | [5MBP3, TEI18] References, reference points, and other corrections |
| Source | Dolby Laboratories Inc. |
| Contact | Jason Cloud |
| Agenda Item | 8.4 |
| E-mail Discussion | No e-mail discussion. |
| Revisions | No revisions available. |
| Minutes |  |
| Disposition |  |
| Status | agreed |

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| TDoc | [S4-251023](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-251023.zip) |
| Title | [AMD\_PRO-MED] WT2: Corrections and Clarifications to TS 26.510 Rel-18 |
| Source | Dolby Laboratories Inc. |
| Contact | Jason Cloud |
| Agenda Item | 8.4 |
| E-mail Discussion |  |
| Revisions | No revisions available. |
| Minutes | 20/05/25  Presented by Jason.   * Imed: We have a purge operation. That’s another way.   22/05/25  r06 version presented by Jason.  No comments. |
| Disposition | r06 version agreed. Revised to S4-251105. The revision will be agreed without presentation. |
| Status | **revised to S4-251105** |

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| TDoc | [S4-251105](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-251105.zip) |
| Title | [5GMS\_Pro\_Ph2] Content Hosting and Publishing Corrections |
| Source | Dolby Laboratories Inc. |
| Contact | Jason Cloud |
| Agenda Item | 8.4 |
| E-mail Discussion | No e-mail discussion. |
| Revisions | No revisions available. |
| Minutes |  |
| Disposition |  |
| Status | agreed |

## 8.5 AMD\_PRO-MED (Stage 3 for Advanced Media Delivery)

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| TDoc | [S4-250758](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250758.zip) |
| Title | [AMD\_PRO-MED] WT1: JSON-based metrics report syntax and MIME type registration |
| Source | BBC |
| Contact | Richard Bradbury |
| Agenda Item | 8.5 |
| E-mail Discussion | No e-mail discussion. |
| Revisions | No revisions available. |
| Minutes | 20/05/25  Presented by Richard.   * Iraj: Is it possible to have CMCD and other data in this mediaStreamingClientData?   + Richard: This will be sent several times. * Thomas: We should have release versions and not TSG versions. This is a weird content.   + Richard: This is Open API versions which is following the TSG version. |
| Disposition | Endorsed |
| Status | endorsed |

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| TDoc | [S4-250759](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250759.zip) |
| Title | [AMD\_PRO-MED] WT1: CMCD provisioning (M1), reporting (M3) and exposure (R5/R6) |
| Source | BBC |
| Contact | Richard Bradbury |
| Agenda Item | 8.5 |
| E-mail Discussion | [Gilles Teniou on Tue, 20 May 2025 04:13:08 +0000](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;947a2d69.2505c)  [Richard Bradbury on Wed, 21 May 2025 17:48:51 +0900](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;f87176ea.2505c) |
| Revisions | No revisions available. |
| Minutes | 20/05/25  Presented by Richard.   * Frederic: 844 will be merged into it. |
| Disposition | Revised to S4-251063. |
| Status | **revised to S4-251063** |

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| TDoc | S4-251063 |
| Title | [AMD\_PRO-MED] WT1: CMCD provisioning (M1), reporting (M3) and exposure (R5/R6) |
| Source | BBC |
| Contact | Richard Bradbury |
| Agenda Item | 8.5 |
| E-mail Discussion |  |
| Revisions | No revisions available. |
| Minutes | 22/05/25  Presented by Richard.   * Iraj: Why “prefered transmission mode” and not default?   + Richard: Because default is none (no transmission). |
| Disposition | Endorsed. |
| Status | endorsed |

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| TDoc | [S4-250844](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250844.zip) |
| Title | [AMD\_PRO-MED] WT1: CMCD provisioning (M1d) and configuration(M5d) (TS 26.510 Updates) |
| Source | Qualcomm Technologies |
| Contact | Shilin Ding |
| Agenda Item | 8.5 |
| E-mail Discussion | No e-mail discussion. |
| Revisions | No revisions available. |
| Minutes | 20/05/25  Presented by Shilin.   * Richard: We have this mechanism of reporting already. We should be more generic and align with this. * Iraj: If you have configuration from the MPD, is it taking precedence?   + Richard: We didn’t study this.   + Thomas: We should not be protocol specific.   + Thomas: The CMCD guys refuse to work on configuration. Maybe we should send an LS here. * Thomas: Maybe it should be merged with Richard’s one (759). |
| Disposition | Merged with 759. |
| Status | merged |

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| TDoc | [S4-250894](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250894.zip) |
| Title | Stage 3 on Improved QoS Support for Media Streaming services |
| Source | Huawei, HiSilicon |
| Contact | Qi Pan |
| Agenda Item | 8.5 |
| E-mail Discussion | No e-mail discussion. |
| Revisions | [S4-250894\_BBC.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Inbox/Drafts/MBS/S4-250894_BBC.docx)  [S4-250894\_BBC\_Ericsson.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Inbox/Drafts/MBS/S4-250894_BBC_Ericsson.docx) |
| Minutes | 20/05/25  Presented by Qi.   * Thorsten: I would believe an MSH acts more than a default. The MSH should be aware of the capabilities of the media player.   22/05/25  r03\_ BBC version presented.by Qi. |
| Disposition | Revised to S4-251117. The revision will be agreed. |
| Status | **revised to S4-251117** |

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| TDoc | S4-251117 |
| Title | Stage 3 on Improved QoS Support for Media Streaming services |
| Source | Huawei, HiSilicon |
| Contact | Qi Pan |
| Agenda Item | 8.5 |
| E-mail Discussion | No e-mail discussion. |
| Revisions | No revisions available. |
| Minutes |  |
| Disposition |  |
| Status | agreed |

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| TDoc | [S4-250895](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250895.zip) |
| Title | Support of Improved QoS for media streaming services |
| Source | Huawei, HiSilicon |
| Contact | Qi Pan |
| Agenda Item | 8.5 |
| E-mail Discussion | No e-mail discussion. |
| Revisions | [S4-250895\_BBC.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Inbox/Drafts/MBS/S4-250895_BBC.docx)  [S4-250895\_BBC\_Ericsson.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Inbox/Drafts/MBS/S4-250895_BBC_Ericsson.docx) |
| Minutes | 20/05/25  r01 version presented by Qi.   * Thomas: You are overwriting [dash.js](http://dash.js) API. They don’t have a clue about L4S. This doesn’t seem to be practicable.   + Richard: The player has to open the socket.   22/05/25  r03\_BBC version presented by Qi.  More discussions needed. |
| Disposition | Revised to S4-251118. The revision will go to the plenary. |
| Status | **revised to S4-251118** |

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| TDoc | S4-251118 |
| Title | Support of Improved QoS for media streaming services |
| Source | Huawei, HiSilicon |
| Contact | Qi Pan |
| Agenda Item | 8.5 |
| E-mail Discussion | No e-mail discussion. |
| Revisions | No revisions available. |
| Minutes |  |
| Disposition |  |
| Status | presented to plenary |

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| TDoc | [S4-250950](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250950.zip) |
| Title | [AMD\_PRO-MED] WT2: TS 26.510 technology-independent feature updates to enable media delivery from multiple service locations |
| Source | Dolby Laboratories Inc. |
| Contact | Jason Cloud |
| Agenda Item | 8.5 |
| E-mail Discussion | No e-mail discussion. |
| Revisions | [S4-250950\_BBC.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Inbox/Drafts/MBS/S4-250950_BBC.docx) |
| Minutes | 20/05/25  r01 version presented by Jason. |
| Disposition | r01 version endorsed. Revised to S4-251031. |
| Status | **revised to S4-251031** |

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| TDoc | [S4-250951](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250951.zip) |
| Title | [AMD\_PRO-MED] WT2: TS 26.512 technology-independent feature updates to enable media delivery from multiple service locations |
| Source | Dolby Laboratories Inc. |
| Contact | Jason Cloud |
| Agenda Item | 8.5 |
| E-mail Discussion | [Cloud, Jason on Wed, 21 May 2025 10:52:10 +0000](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;5b4d5aa4.2505c) |
| Revisions | [S4-250951\_BBC.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Inbox/Drafts/MBS/S4-250951_BBC.docx)  [S4-250951r02.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Inbox/Drafts/MBS/S4-250951r02.docx) |
| Minutes | 20/05/25  r01 version presented by Jason.  22/05/25  r02 version presented by Jason.  No comments. |
| Disposition | Revised to S4-251107. The revision will be endorsed without presentation. |
| Status | **revised to S4-251107** |

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| TDoc | [S4-251107](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-251107.zip) |
| Title | [AMD\_PRO-MED] WT2: TS 26.512 technology-independent feature updates to enable media delivery from multiple service locations |
| Source | Dolby Laboratories Inc. |
| Contact | Jason Cloud |
| Agenda Item | 8.5 |
| E-mail Discussion | No e-mail discussion. |
| Revisions | No revisions available. |
| Minutes |  |
| Disposition |  |
| Status | **endorsed** |

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| TDoc | [S4-250952](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250952.zip) |
| Title | [AMD\_PRO-MED] WT2: New annexes to specify use of CMMF within TS 26.512 |
| Source | Dolby Laboratories Inc. |
| Contact | Jason Cloud |
| Agenda Item | 8.5 |
| E-mail Discussion | No e-mail discussion. |
| Revisions | [S4-250952\_BBC.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Inbox/Drafts/MBS/S4-250952_BBC.docx) |
| Minutes | 20/05/25  r01 version presented by Jason.   * Thomas: We cannot open an application FEC study here. There is a “shall support xCD-1”. * Richard: To me, 26.512 is not a good place for this.   22/05/25  r02 version presented by Jason. |
| Disposition | Will be revised to S4-251109. The revision will be noted. |
| Status | **revised to S4-251109** |

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| TDoc | S4-251109 |
| Title | [AMD\_PRO-MED] WT2: New annexes to specify use of CMMF within TS 26.512 |
| Source | Dolby Laboratories Inc. |
| Contact | Jason Cloud |
| Agenda Item | 8.5 |
| E-mail Discussion | No e-mail discussion. |
| Revisions | No revisions available. |
| Minutes |  |
| Disposition |  |
| Status | noted |

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| TDoc | [S4-250953](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250953.zip) |
| Title | [AMD\_PRO-MED] WT2: Summary of CRs related to media delivery from multiple service locations |
| Source | Dolby Laboratories Inc. |
| Contact | Jason Cloud |
| Agenda Item | 8.5 |
| E-mail Discussion | No e-mail discussion. |
| Revisions | No revisions available. |
| Minutes | 20/05/25  Presented by Jason.   * Thomas: I don’t know why we are doing this Uplink Service Chaining. There was no study on this. The minimal thing can be done on the downlink. But uplink, I don’t understand. |
| Disposition | Noted. |
| Status | noted |

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| TDoc | [S4-250966](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250966.zip) |
| Title | [AMD\_PRO-MED] Stage-3 Aspects of Multi-access Media Delivery |
| Source | Nokia |
| Contact | Daniel Philip VENMANI |
| Agenda Item | 8.5 |
| E-mail Discussion | [Daniel Venmani (Nokia) on Wed, 21 May 2025 23:13:09 +0000](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;e69f9cdd.2505d) |
| Revisions | [S4-250966\_BBC.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Inbox/Drafts/MBS/S4-250966_BBC.docx) |
| Minutes | 21/05/25  Richard: We should confirm if this falls under the scope.  Prakash: Yes, i think so, but it is not documented.  Richard: May be we should check with thomas  Imed: Is the media player aware of this ?  Prakash: Yes. |
| Disposition | Revised to S4-251094. |
| Status | **revised to S4-251094** |

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| TDoc | [S4-251094](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-251094.zip) |
| Title | [AMD\_PRO-MED] Stage-3 Aspects of Multi-access Media Delivery |
| Source | Nokia |
| Contact | Daniel Philip VENMANI |
| Agenda Item | 8.5 |
| E-mail Discussion | [Daniel Venmani (Nokia) on Wed, 21 May 2025 23:13:09 +0000](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;e69f9cdd.2505d) |
| Revisions | No revisions available. |
| Minutes | 22/05/25  Presented by Daniel. |
| Disposition | Merged with S4-1097. |
| Status | merged |

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| TDoc | [S4-250968](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250968.zip) |
| Title | [AMD\_PRO-MED] Stage-3 Aspects of Network Slicing |
| Source | Samsung Electronics Co. Ltd |
| Contact | Prakash Kolan |
| Agenda Item | 8.5 |
| E-mail Discussion | No e-mail discussion. |
| Revisions | [S4-250968\_BBC.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Inbox/Drafts/MBS/S4-250968_BBC.docx)  [S4-250968\_BBC\_Ericsson.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Inbox/Drafts/MBS/S4-250968_BBC_Ericsson.docx) |
| Minutes | Richard: the question of cardinality. The feature has been defined in SA2 as only 2. I am wondering if we should limit max size only to 2.  Prakash: if we restrict only to 2, we may not be able to move beyond.  Thorsten: I am a bit puzzled because why do we need to configure a policy template to more than one slice?  Prakash: this is to allow access only to particular slices  Thorsten: we need to start documenting more about how to limit the device side impacts.  Richard: we need to see if there is nothing objectionable  Thomas: we need to make sure that it does not interfere with the Rel 19 changes. |
| Disposition | Content is agreeable during this meeting. It is Endorsed. Send it to July meeting to be approved. |
| Status | endorsed |

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| TDoc | [S4-250969](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250969.zip) |
| Title | [AMD\_PRO-MED] Stage-3 Aspects of Multi-access Media Delivery |
| Source | Samsung Electronics Co. Ltd., BBC |
| Contact | Prakash Kolan |
| Agenda Item | 8.5 |
| E-mail Discussion | [Richard Bradbury on Thu, 22 May 2025 16:24:44 +0900](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;c4dfd9c0.2505d) |
| Revisions | [S4-250969\_BBC.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Inbox/Drafts/MBS/S4-250969_BBC.docx)  [S4-250969r01.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Inbox/Drafts/MBS/S4-250969r01.docx) |
| Minutes | Richard: Basically we don’t need really to define these openAPI for client.  Imed:is that part of policy template? Why MSH telling media player to fetch its media?  Prakash: it is basically by M7 and M11.  Fred: if you current implementation basically access multipath, would this restrict that?  Imed: why does the media player know more than the application?  Prakash: this one is limited only to MCTCP and MCQUIC. |
| Disposition | Revised to S4-251097. |
| Status | **revised to S4-251097** |

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| TDoc | [S4-251097](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-251097.zip) |
| Title | [AMD\_PRO-MED] Stage-3 Aspects of Multi-access Media Delivery |
| Source | Samsung Electronics Co. Ltd., BBC |
| Contact | Prakash Kolan |
| Agenda Item | 8.5 |
| E-mail Discussion | No e-mail discussion. |
| Revisions | No revisions available. |
| Minutes | 22/05/25  Presented by Prakash.   * Prakash: Is it possible to give power to adhoc to send an LS on this to SVTA?   + Frederic: Discuss it with Thomas. |
| Disposition | Revised to be merged with 1094. |
| Status | **revised to S4-251119** |

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| TDoc | S4-251119 |
| Title | [AMD\_PRO-MED] Stage-3 Aspects of Multi-access Media Delivery |
| Source | Samsung Electronics Co. Ltd., BBC |
| Contact | Prakash Kolan |
| Agenda Item | 8.5 |
| E-mail Discussion | [Richard Bradbury on Thu, 22 May 2025 16:24:44 +0900](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;c4dfd9c0.2505d) |
| Revisions | No revisions available. |
| Minutes |  |
| Disposition |  |
| Status | **endorsed** |

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| TDoc | [S4-250970](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250970.zip) |
| Title | [AMD\_PRO-MED] Changes to 26510 OpenAPI on Stage-3 Aspects of Multi-access Media Delivery |
| Source | Samsung Electronics Co. Ltd |
| Contact | Prakash Kolan |
| Agenda Item | 8.5 |
| E-mail Discussion | No e-mail discussion. |
| Revisions | No revisions available. |
| Minutes | Richard: we have decided that we are not going to do OpenAPI.  Prakash: I would prefer that we leave the discussion open. |
| Disposition | Noted. |
| Status | noted |

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| TDoc | [S4-250988](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250988.zip) |
| Title | [AMD\_PRO-MED] DRM Format Support |
| Source | Qualcomm Sweden |
| Contact | Thomas Stockhammer |
| Agenda Item | 8.5 |
| E-mail Discussion | No e-mail discussion. |
| Revisions | No revisions available. |
| Minutes | * Thomas: Question to Rufael, we need to update CMAF, sample entries, etc. clause 5.2.7.6. This is from 511 * Rufael: I can show you that there are sample entries which are different from 511. * Fred: Rufael will suggest improvements in the next meeting. |
| Disposition |  |
| Status | endorsed |

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| TDoc | [S4-250990](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250990.zip) |
| Title | [AMD\_PRO-MED] DRM Protocol Support |
| Source | Qualcomm Sweden |
| Contact | Thomas Stockhammer |
| Agenda Item | 8.5 |
| E-mail Discussion | No e-mail discussion. |
| Revisions | [S4-250990r01.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Inbox/Drafts/MBS/S4-250990r01.docx) |
| Minutes | 21/05/25   * Richard: short normative annex is your plan, right? * Thomas: Yes, this example is a starting point. * Richard: this annex will also has content for content steering, right? * Thomas: yes * Jason: will there be some features being mapped no matter? * Thomas: no, this is not correct understanding * Joson: so there could be, for example, one for cmmf protocol which will then point out this * Thomas: yes   22/05/25  r01 presented by Thomas.   * Thomas: DASH needs to be remove to the title of Annex X. * Thomas: Maybe 2 CRs are needed: one for DASH and the other for DRM.   + Richard: Yes. |
| Disposition | A draft revision will be produced and will be endorsed. |
| Status | **revised to S4-251121** |

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| TDoc | S4-251121 |
| Title | [AMD\_PRO-MED] DASH Instantiation and DRM Protocol Support |
| Source | Qualcomm Sweden |
| Contact | Thomas Stockhammer |
| Agenda Item | 8.5 |
| E-mail Discussion | No e-mail discussion. |
| Revisions | No revisions available. |
| Minutes |  |
| Disposition |  |
| Status | endorsed |

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| TDoc | [S4-250992](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250992.zip) |
| Title | [AMD\_PRO-MED] Time Synchronization |
| Source | Qualcomm Technologies Int |
| Contact | Thomas Stockhammer |
| Agenda Item | 8.5 |
| E-mail Discussion | No e-mail discussion. |
| Revisions | [S4-250992\_BBC.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Inbox/Drafts/MBS/S4-250992_BBC.docx) |
| Minutes | Presented by Thomas.   * Thomas: We want to do DASH schemes here itself. * Richard: About time synchronisation data type, ‘ranTimePresent’ and ‘inTimeservieEndpoint’ the two are mutually exclusive, is that the intention? * Thomas: I think you could use both. * Richard: I think you should align the syntax. * Thomas: that is correct, there is an error * Fred: it needs to be fixed |
| Disposition | Revised to S4-251066. The revision will be endorsed without presentation. |
| Status | **revised to S4-251066** |

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| TDoc | S4-251066 |
| Title | [AMD\_PRO-MED] Time Synchronization |
| Source | Qualcomm Technologies Int |
| Contact | Thomas Stockhammer |
| Agenda Item | 8.5 |
| E-mail Discussion |  |
| Revisions | No revisions available. |
| Minutes |  |
| Disposition |  |
| Status | endorsed |

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| TDoc | [S4-250994](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250994.zip) |
| Title | [AMD\_PRO-MED] In-session Unicast Repair for MBMS Object Distribution |
| Source | Qualcomm Sweden |
| Contact | Thomas Stockhammer |
| Agenda Item | 8.5 |
| E-mail Discussion |  |
| Revisions | No revisions available. |
| Minutes |  |
| Disposition |  |
| Status | noted |

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| TDoc | S4-250995 |
| Title | [AMD\_PRO-MED] In-session Unicast Repair for MBS Object Distribution |
| Source | Qualcomm Sweden |
| Contact | Thomas Stockhammer |
| Agenda Item | 8.5 |
| E-mail Discussion |  |
| Revisions | No revisions available. |
| Minutes |  |
| Disposition |  |
| Status | noted |

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| TDoc | S4-250998 |
| Title | [AMD\_PRO-MED] Updated Work Plan for WID on Stage-3 for Advanced Media Delivery |
| Source | Qualcomm Incorporated |
| Contact | Thomas Stockhammer |
| Agenda Item | 8.5 |
| E-mail Discussion |  |
| Revisions | No revisions available. |
| Minutes |  |
| Disposition |  |
| Status | Goes to plenary |

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| TDoc | S4-251031 |
| Title | [AMD\_PRO-MED] WT2: TS 26.510 technology-independent feature updates to enable media delivery from multiple service locations |
| Source | Dolby Laboratories Inc. |
| Contact | Jason Cloud |
| Agenda Item | 8.5 |
| E-mail Discussion | No e-mail discussion. |
| Revisions | No revisions available. |
| Minutes |  |
| Disposition |  |
| Status | endorsed |

## 8.6 FS\_MeMe (Study on Media Messaging)

[*SP-240477*](https://www.3gpp.org/ftp/TSG_SA/TSG_SA/TSGS_103_Maastricht_2024-03/Docs/SP-240477.zip) *SID Study on Media Messaging*

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| TDoc | [S4-250788](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250788.zip) |
| Title | [FS\_MeMe] New Key Issue on Image Formats |
| Source | Qualcomm Technologies Int |
| Contact | Thomas Stockhammer |
| Agenda Item | 8.6 |
| E-mail Discussion |  |
| Revisions | No revisions available. |
| Minutes | 21/05/25  Presented by Thomas.   * Frederic: Do you have copyright on the diagram?   + Thomas: I can remove it. * Rufael: We could also study timed text format, video format, audio format, …   + Thomas: This is done in 143.   + Rufael: For this one we are proposing basic work. But we are waiting for the proposal from Apple.   + Thomas: This is not saying we are doing this in the study. Somebody will be able to refer to this conclusions in another study.   22/05/25  r01 version presented by Thomas.  No comments. |
| Disposition | Revised to S4-251111. The revision will be agreed without presentation. |
| Status | **revised to S4-251111** |

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| TDoc | [S4-251111](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-251111.zip) |
| Title | [FS\_MeMe] New Key Issue on Image Formats |
| Source | Qualcomm Technologies Int |
| Contact | Thomas Stockhammer |
| Agenda Item | 8.6 |
| E-mail Discussion | No e-mail discussion. |
| Revisions | No revisions available. |
| Minutes |  |
| Disposition |  |
| Status | **agreed** |

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| TDoc | [S4-250789](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250789.zip) |
| Title | [FS\_MeMe] General Updates to TR 26.841 |
| Source | Qualcomm Sweden |
| Contact | Thomas Stockhammer |
| Agenda Item | 8.6 |
| E-mail Discussion |  |
| Revisions | No revisions available. |
| Minutes | 21/05/25  Presented by Thomas   * Emmanuel: Current formats are suitable for streaming, not messaging.   + Thomas: Exact, it might be for MV-HEVC. I don’t want 265 to be considered as a streaming spec.   + Iraj: Is there a chance to add something on this in 265.   + Thomas: It is for another Work Item. |
| Disposition | Agree with the changes discussed. |
| Status | agreed |

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| TDoc | [S4-250790](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250790.zip) |
| Title | [FS\_MeMe] Media Service Enabler |
| Source | Qualcomm Sweden |
| Contact | Thomas Stockhammer |
| Agenda Item | 8.6 |
| E-mail Discussion |  |
| Revisions | No revisions available. |
| Minutes | 21/05/25  Presented by Thomas.  No comments. |
| Disposition | Agreed. |
| Status | agreed |

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| TDoc | [S4-250791](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250791.zip) |
| Title | [FS\_MeMe] Manifest-based Rich Media Messages |
| Source | Qualcomm Sweden |
| Contact | Thomas Stockhammer |
| Agenda Item | 8.6 |
| E-mail Discussion |  |
| Revisions | [S4-250791r01.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Inbox/Drafts/MBS/S4-250791r01.docx) |
| Minutes | 21/05/25  Presented by Thomas.   * Iraj: Is it possible to do late binding?   + Thomas: That is not explicitly said. But if you have packaged content, it is aligned.   + Iraj: I can suggest a text. * Rufael: Is it only for static MPD or also dynamic?   + Thomas: Only to static, single period… very simple. * Thomas: We need to look at Rufael’s contribution in 828.   22/05/25  r01 version presented by Thomas.   * Thomas: Is Dolby wanting to co-sign?   + Iraj: Yes. |
| Disposition | r01 version agreed. Revised to S4-251102. |
| Status | **revised to S4-251102** |

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| TDoc | [S4-251102](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-251102.zip) |
| Title | [FS\_MeMe] Manifest-based Rich Media Messages |
| Source | Qualcomm Sweden, Dolby |
| Contact | Thomas Stockhammer |
| Agenda Item | 8.6 |
| E-mail Discussion | No e-mail discussion. |
| Revisions | No revisions available. |
| Minutes |  |
| Disposition |  |
| Status | **agreed** |

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| TDoc | [S4-250792](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250792.zip) |
| Title | [FS\_MeMe] DRM-protected Media Messages |
| Source | Qualcomm Sweden |
| Contact | Thomas Stockhammer |
| Agenda Item | 8.6 |
| E-mail Discussion |  |
| Revisions | [S4-250792r01.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Inbox/Drafts/MBS/S4-250792r01.docx) |
| Minutes | 21/05/25  Presented by Thomas.   * Thomas: It is not TR 25, I probably wanted to say 26.804.   22/05/25  r01 version presented by Thomas.  No comments. |
| Disposition | r01 version agreed. English wording will be corrected. Revised to S4-251103. |
| Status | **revised to S4-251103** |

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| TDoc | [S4-251103](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-251103.zip) |
| Title | [FS\_MeMe] DRM-protected Media Messages |
| Source | Qualcomm Sweden |
| Contact | Thomas Stockhammer |
| Agenda Item | 8.6 |
| E-mail Discussion | No e-mail discussion. |
| Revisions | No revisions available. |
| Minutes |  |
| Disposition |  |
| Status | **agreed** |

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| TDoc | [S4-250793](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250793.zip) |
| Title | [FS\_MeMe] Proposed Conclusions and Recommendations |
| Source | Qualcomm Sweden |
| Contact | Thomas Stockhammer |
| Agenda Item | 8.6 |
| E-mail Discussion |  |
| Revisions | [S4-250793r01.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Inbox/Drafts/MBS/S4-250793r01.docx) |
| Minutes | 21/05/25  Presented by Thomas.   * Thomas: This assumes all previous documents are agreed. * Rufael: We will need some time to review this.   22/05/25  r01 version presented by Thomas.  No comments. |
| Disposition | r01 version agreed. Revised to S4-251104. |
| Status | **revised to S4-251104** |

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| TDoc | [S4-251104](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-251104.zip) |
| Title | [FS\_MeMe] Proposed Conclusions and Recommendations |
| Source | Qualcomm Sweden |
| Contact | Thomas Stockhammer |
| Agenda Item | 8.6 |
| E-mail Discussion | No e-mail discussion. |
| Revisions | No revisions available. |
| Minutes |  |
| Disposition |  |
| Status | **agreed** |

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| TDoc | [S4-250794](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250794.zip) |
| Title | [FS\_MeMe] Time and Work Plan for Media Messaging |
| Source | Qualcomm Technologies Int |
| Contact | Thomas Stockhammer |
| Agenda Item | 8.6 |
| E-mail Discussion |  |
| Revisions | [S4-250794r01.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Inbox/Drafts/MBS/S4-250794r01.docx) |
| Minutes | 21/05/25  Presented by Thomas.   * Iraj: Do you need to have WI done for Rel-19? We still have a lot of issues (DRM, manifest, …)   + Thomas: There is 3 options:     1. We close at this meeting and do normative work. Then a forward looking study.     2. We extend the study and do nothing in Rel-19.     3. We close at this meeting and motivate a new study that starts in November.   + Iraj: I prefer to not add Rel-19 normative work.   + Frederic: I also have sympathy for option 2 but do not want to block anything.   + Frederic: We could complete the study and send the CR, both in September.   + Thomas: I don’t like postponing all the time. I can prepare the CR and the WID for an AdHoc.   22/05/25  r01 version presented by Thomas.   * Iraj: Not a good idea to add the CR in September.   + Thomas: Spending 30min on the CR should not be an issue.   + Frederic: Let’s check where we are in July. In the AdHoc, we can’t put “Agree” something. |
| Disposition | The study is extended to September. Revised to S4-251062. 1062 agreed. |
| Status | **revised to S4-251062** |

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| TDoc | S4-251062 |
| Title | [FS\_MeMe] Time and Work Plan for Media Messaging |
| Source | Qualcomm Technologies Int |
| Contact | Thomas Stockhammer |
| Agenda Item | 8.6 |
| E-mail Discussion |  |
| Revisions | No revisions available. |
| Minutes |  |
| Disposition |  |
| Status | agreed |

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| TDoc | [S4-250828](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250828.zip) |
| Title | [FS\_MEME] Thoughts and Issues with using DASH for messaging service |
| Source | HUAWEI TECH. GmbH |
| Contact | Rufail Mekuria |
| Agenda Item | 8.6 |
| E-mail Discussion |  |
| Revisions | No revisions available. |
| Minutes | 21/05/25  Presented by Rufael.   * Thomas: Interoperability is already solved with format profiles in 143. * Thomas: About b), I agree this has not to be packaged on the device. * Thomas: About d), I don’t want to push for DRM. Encryption like clear key could also be used.   + Rufael: Maybe we need more studies to do that.   + Thomas: Yes. I just wanted to say there is an opportunity there. * Waqar: There are already specifications for online content with reliable MPD or M3U8. Maybe some security is needed. * Iraj: Is video and audio are also provided with the manifest? We need to check if local content (with a local HTTP server) is OK.   + Thomas: We can add this. * Thomas: I can take these comments into account in my other contributions. |
| Disposition | Agree to take this into account. |
| Status | agreed |

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| TDoc | S4-251064 |
| Title | TR 26.841: Media Messaging Enhancements |
| Source | Qualcomm Sweden |
| Contact | Thomas Stockhammer |
| Agenda Item | 8.6 |
| E-mail Discussion |  |
| Revisions | No revisions available. |
| Minutes | Not presented. |
| Disposition |  |
| Status | Goes to plenary |

## 8.7 Other Rel-19 matters including TEI

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| TDoc | [S4-250827](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250827.zip) |
| Title | Latency Measurement and Control in 5GMS |
| Source | Qualcomm Sweden |
| Contact | Thomas Stockhammer |
| Agenda Item | 8.7 |
| E-mail Discussion |  |
| Revisions | No revisions available. |
| Minutes | 21/05/25  Presented by Thomas.   * Emmanuel: In streaming, we have this latency measurement in place. Is it adding benefits to the users?   + Thomas: We will not do the study here. * Qi: Is it for end-to-end latency?   + Thomas: We could measure the latency between different location. |
| Disposition | This might come as part of an objective in a new Work Item. Revised to S4-251061. The revision will be noted. |
| Status | **revised to S4-251061** |

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| TDoc | S4-251061 |
| Title | Latency Measurement and Control in 5GMS |
| Source | Qualcomm Sweden |
| Contact | Thomas Stockhammer |
| Agenda Item | 8.7 |
| E-mail Discussion |  |
| Revisions | No revisions available. |
| Minutes |  |
| Disposition |  |
| Status | noted |

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| TDoc | [S4-250907](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250907.zip) |
| Title | Discussion and proposed way forward on MBS over NTN |
| Source | Ericsson LM |
| Contact | Thorsten Lohmar |
| Agenda Item | 8.7 |
| E-mail Discussion |  |
| Revisions | No revisions available. |
| Minutes | 25/05/25  Taken in 8.3 agenda item.  Presented by Thorsten.   * Thorsten: About should we add internet services area. We are probably not yet ready.   + Richard: I am OK with this way forward. * Frederic: You don’t need TEI 19. * Frederic: First bullet on clarification is agreed but we don’t say when. At least not during this meeting. |
| Disposition | Agreed. |
| Status | agreed |

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| TDoc | [S4-250908](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250908.zip) |
| Title | Target Service Area Data Type in Service Announcement |
| Source | Ericsson LM |
| Contact | Thorsten Lohmar |
| Agenda Item | 8.7 |
| E-mail Discussion |  |
| Revisions | [S4-250908\_BBC.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Inbox/Drafts/MBS/S4-250908_BBC.docx) |
| Minutes | 20/05/25  r01 version presented by Thorsten.   * Qi: Do we need different terms ?   + Thorsten: If we remove the target service area, we are incompatible with previous versions. There are 2 different intentions. |
| Disposition | Revised to S4-251067. |
| Status | **revised to S4-251067** |

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| TDoc | S4-251067 |
| Title | Target Service Area Data Type in Service Announcement |
| Source | Ericsson LM |
| Contact | Thorsten Lohmar |
| Agenda Item | 8.7 |
| E-mail Discussion |  |
| Revisions | No revisions available. |
| Minutes | 22/05/25  Presented by Thorsten.   * Frederic: Some boxes need to be ticked. TEI19 is not needed. Rev mark in the cover page not needed. |
| Disposition | Revised tp S4-251113. The revision will be endorsed. |
| Status | **revised to S4-251113** |

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| TDoc | [S4-251113](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-251113.zip) |
| Title | Target Service Area Data Type in Service Announcement |
| Source | Ericsson LM |
| Contact | Thorsten Lohmar |
| Agenda Item | 8.7 |
| E-mail Discussion | No e-mail discussion. |
| Revisions | No revisions available. |
| Minutes |  |
| Disposition |  |
| Status | **endorsed** |

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| TDoc | [S4-250909](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250909.zip) |
| Title | Aligning Stage 2 Session Announcement with Stage 3 on target service area |
| Source | Ericsson LM |
| Contact | Thorsten Lohmar |
| Agenda Item | 8.7 |
| E-mail Discussion |  |
| Revisions | [S4-250909\_BBC.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Inbox/Drafts/MBS/S4-250909_BBC.docx) |
| Minutes | 20/05/25  r01 version presented by Thorsten.   * Frederic: Maybe we should use target in the semantic. * Richard: Other CRs are not exactly mirrors as the diagram is not the same. * Frederic: We can agree on the CRs on Rel-17 and 18 and work on the one on Rel-19 during the next meeting.   + Thorsten: This is fine. The work item will be changed. |
| Disposition | Revised to S4-251028. |
| Status | **revised to S4-251028** |

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| TDoc | [S4-250910](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250910.zip) |
| Title | Aligning Stage 2 Session Announcement with Stage 3 on target service area |
| Source | Ericsson LM |
| Contact | Thorsten Lohmar |
| Agenda Item | 8.7 |
| E-mail Discussion |  |
| Revisions | [S4-250910\_BBC.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Inbox/Drafts/MBS/S4-250910_BBC.docx) |
| Minutes | See 909. |
| Disposition | Revised to S4-251029. |
| Status | **revised to S4-251029** |

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| --- | --- |
| TDoc | [S4-250911](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250911.zip) |
| Title | Aligning Stage 2 Session Announcement with Stage 3 on target service area |
| Source | Ericsson LM |
| Contact | Thorsten Lohmar |
| Agenda Item | 8.7 |
| E-mail Discussion |  |
| Revisions | [S4-250911\_BBC.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Inbox/Drafts/MBS/S4-250911_BBC.docx) |
| Minutes | See 909. |
| Disposition | Endorsed and then revised to S4-251065. But the revision is identical. This will be endorsed. |
| Status | **revised to S4-251065** |

|  |  |
| --- | --- |
| TDoc | [S4-251065](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-251065.zip) |
| Title | Aligning Stage 2 Session Announcement with Stage 3 on target service area |
| Source | Ericsson LM |
| Contact | Thorsten Lohmar |
| Agenda Item | 8.7 |
| E-mail Discussion |  |
| Revisions | No revisions available. |
| Minutes |  |
| Disposition |  |
| Status | endorsed |

|  |  |
| --- | --- |
| TDoc | [S4-251000](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-251000.zip) |
| Title | [FS\_AMD] Combined MBS and Unicast Services |
| Source | Qualcomm Germany |
| Contact | Thomas Stockhammer |
| Agenda Item | 8.7 |
| E-mail Discussion |  |
| Revisions | [S4-251000\_BBC.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Inbox/Drafts/MBS/S4-251000_BBC.docx) |
| Minutes | 21/05/25  \_BBC version presented by Thomas.   * Thomas: I can create a revision based on BBC version. |
| Disposition | \_BBC version agreed. Revised to S4-2510. The revision will be agreed without presentation. |
| Status | **revised to S4-251060** |

|  |  |
| --- | --- |
| TDoc | S4-251060 |
| Title | [FS\_AMD] Combined MBS and Unicast Services |
| Source | Qualcomm Germany |
| Contact | Thomas Stockhammer |
| Agenda Item | 8.7 |
| E-mail Discussion |  |
| Revisions | No revisions available. |
| Minutes |  |
| Disposition |  |
| Status | agreed |

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| --- | --- |
| TDoc | [S4-250870](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250870.zip) |
| Title | Haptics media traffic characteristics |
| Source | InterDigital New York |
| Contact | Gaelle Martin Cocher |
| Agenda Item | 8.7 |
| E-mail Discussion |  |
| Revisions | No revisions available. |
| Minutes | 20/05/25  Presented by Gaelle. |
| Disposition |  |
| Status | agreed |

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| --- | --- |
| TDoc | [S4-250870](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250870.zip) |
| Title | Haptics media traffic characteristics |
| Source | InterDigital New York |
| Contact | Gaelle Martin Cocher |
| Agenda Item | 8.7 |
| E-mail Discussion |  |
| Revisions | No revisions available. |
| Minutes | 20/05/25  Presented by Gaelle. |
| Disposition |  |
| Status | agreed |

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| --- | --- |
| TDoc | S4-251028 |
| Title | Aligning Stage 2 Session Announcement with Stage 3 on target service area |
| Source | Ericsson LM |
| Contact | Thorsten Lohmar |
| Agenda Item | 8.7 |
| E-mail Discussion | No e-mail discussion. |
| Revisions | No revisions available. |
| Minutes | 22/05/25  Presented by Thorsten.  No comments. |
| Disposition | Agreed. |
| Status | agreed |

|  |  |
| --- | --- |
| TDoc | S4-251029 |
| Title | Aligning Stage 2 Session Announcement with Stage 3 on target service area |
| Source | Ericsson LM |
| Contact | Thorsten Lohmar |
| Agenda Item | 8.7 |
| E-mail Discussion | No e-mail discussion. |
| Revisions | No revisions available. |
| Minutes | 22/05/25  Presented by Thorsten.  No comments. |
| Disposition | Agreed. |
| Status | agreed |

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| --- | --- |
| TDoc | S4-251112 |
| Title | Clarification on support of Improved QoS for media streaming services |
| Source | Huawei, HiSilicon, Ericsson, BBC |
| Contact | Qi Pan |
| Agenda Item | 8.7 |
| E-mail Discussion | No e-mail discussion. |
| Revisions | No revisions available. |
| Minutes |  |
| Disposition |  |
| Status | agreed |

## 8.8 Review of the future work plan (next meeting dates, hosts)

See time plans

## 8.9 Any Other Business

### 8.9.1 Input documents

None.

### 8.9.2 Report

Report is made available in [S4-250405](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_131-bis-e/Docs/S4-250405.zip).

### 8.9.3 Summary from Offline Discussions

none

### 8.9.4 Output documents

See TDOC list in Annex C.

## 8.10 Close of the session

The chairman thanked the participants and the minute takers. The participants thanked the chairman.

The online session was closed on May 22, 2025 at 10:30.

## 8.11 Attendees

# Annex A Attendees

|  |  |  |  |
| --- | --- | --- | --- |
| TITLE | Family Name | Given Name | Employer Organization |
| Dr. | Bouazizi | Imed | Qualcomm Incorporated |
| Dr. | Bradbury | Richard | BBC |
| Mrs. | Brekalo | Andrijana | ETSI |
| Dr. | Cloud | Jason | Dolby Laboratories Inc. |
| Mr. | Ding | Shilin | Qualcomm Incorporated |
| Mr. | Gabin | Frederic | Dolby France SAS |
| Mr. | Goel | Gaurav | Reliance Jio |
| Mr. | Gudumasu | Srinivas | InterDigital Communications |
| Dr. | Hamza | Ahmed | InterDigital Communications |
| Dr. | he | chaofan | Pengcheng Laboratory |
| Dr. | Illahi | Gazi Karam | Nokia Corporation |
| Mrs. | Kim | Jeeyoung | LG Electronics UK |
| Dr. | Kolan | Prakash | Samsung Research America |
| Mr. | Kwon | WooSuk | LG Electronics Inc. |
| Mr. | Lemotheux | Julien | Orange |
| Miss | Liu | yt | BUPT |
| Mr. | Liu | Zehan | BJTU |
| Dr. | Lohmar | Thorsten | Ericsson LM |
| Mrs. | Martin-Cocher | Gaelle | InterDigital, Europe, Ltd. |
| Mr. | Onno | Stephane | InterDigital France R&D, SAS |
| Dr. | Pan | Qi | HUAWEI TECHNOLOGIES Co. Ltd. |
| Mr. | Potetsianakis | Emmanouil | Beijing Xiaomi Mobile Software |
| Dr. | Sodagar | Iraj | Dolby Germany GmbH |
| Dr. | Stockhammer | Thomas | Qualcomm Germany |
| Dr. | Stoica | Razvan-Andrei | Motorola Mobility Germany GmbH |
| Mr. | Szucs | Paul | Sony Europe Limited |
| Mr. | Teniou | Gilles | Tencent |
| Mr. | Thomas | Emmanuel | Beijing Xiaomi Mobile Software |
| Dr. | VENMANI | Daniel Philip | Nokia France |
| Miss | Xu | Jiayi | China Mobile Com. Corporation |

# Annex B – Final Tdoc allocation

**Legend for Tdocs:**

* **Color: not-yet processed**, **processed**, **late**, **~~withdrawn~~**, **moved to a different A.I.**, **under email agreement, postponed, agreed in SWG, output document.**
* a agreed, e endorsed, app approved, n noted, pa partially agreed, np not pursued, pp postponed…

|  |  |  |
| --- | --- | --- |
| A.I.# | Agenda Item | Tdoc # |
| 8 | Multicast-Broadcast-Streaming (MBS) SWG |  |
| 8.1 | Opening of the session, registration of documents |  |
| 8.2 | IPR and antitrust reminder |  |
| 8.3 | Reports/Liaisons from other groups/meetings | ISA: 765 (RAN2)-> reply in 1030->1099a, 787nQMC: 766 (RAN3)-> reply in 877->1096a, 875->1095a |
| 8.4 | Release 18 and earlier matters | 26.517: 756->1114&757->111526.510: 884a, 1023->1105a26.512: 1022->1106a |
| 8.5 | AMD\_PRO-MED (Stage 3 for Advanced Media Delivery) | CMCD:26.510: 758e, 844m (759->1063)26.512: 759->1063eQoS:26.510: 894->1117a26.512: 895->1118Multi-Location:Overview: 953n26.510: 950->1031e26.512: 951->1107e, 952->1109nMulti-access26.512: 966->1094m, 969->1097->1119e26.510: 970nSlicing:26.510: 968eDRM:26.511: 988e26.512: 990->1121eMBS:26.517: 992->1066e994n, 995nTP: 998 |
| 8.6 | FS\_MeMe (Study on Media Messaging) | 26.841:- General: 789a- MSE: 790a- Manifest: 791->1102a- DRM: 792->1103aDASH: 828a- Conclusions: 793->1104a- Img format: 788->1111aTP: 794->1062aTR: 1064 (2.0, cover page)Progress: 75% -> 100% (06/25) |
| 8.7 | Other Rel-19 matters including TEI | AMD/Sync: 827->1061nMBS/NTN: 907a, 908->1067->1113e, 909->1028a&910->1029a&911->1065eFS\_AMD: 1000->1060a26.501: 896->1112aHaptics: 870a |
| 8.8 | Review of the future work plan (next meeting dates, hosts) | 3GPP SA4 MBS SWG AHG Telco (Jun 5, 2025, 15:30-17:30 CEST, Host Qualcomm), *request for power to approve an LS to SVTA and 5G-MAG on Media Player transport protocol configuration (AMD\_PRO-MED)*3GPP SA4 MBS SWG AHG Telco (Jul 10, 2025, 15:30-17:30 CEST, Host Qualcomm)*3GPP SA4 MBS SWG AHG Meeting (Sep 3 - 5, 2025, Paris, FR, Host Orange)* |
| 8.9 | Any Other Business |  |
| 8.10 | Close of the session |  |
| 11 | LSs received during the meeting and Postponed Liaisons (from A. I. 5) |  |
| 12 | Reports and general issues from sub-working-groups |  |
| 12.2 | MBS SWG |  |
| 13 | Release 18 and earlier matters |  |
| 14 | Release 19 Features |  |
| 14.8 | AMD\_PRO-MED (Stage 3 for Advanced Media Delivery) |  |
| 14.9 | Other Rel-19 matters including TEI |  |
| 15 | Study Items |  |
| 15.2 | FS\_MeMe (Study on Media Messaging) |  |
| 19 | Review of the future work plan (next meeting dates, hosts) |  |

# Annex C - SWG Tdoc status

## C.1 Agree or endorsed (not presented to SA4 plenary)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **TDoc** | **Title** | **Source** | **Agenda item** | **available** |
| [**S4-250758**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250758.zip) | [AMD\_PRO-MED] WT1: JSON-based metrics report syntax and MIME type registration | BBC | 8.5 | **endorsed** |
| [**S4-250787**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250787.zip) | On NTN intended service area in the Service Announcement | Qualcomm Germany | 8.3 | **noted** |
| [**S4-250789**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250789.zip) | [FS\_MeMe] General Updates to TR 26.841 | Qualcomm Sweden | 8.6 | **agreed** |
| [**S4-250790**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250790.zip) | [FS\_MeMe] Media Service Enabler | Qualcomm Sweden | 8.6 | **agreed** |
| [**S4-250828**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250828.zip) | [FS\_MEME] Thoughts and Issues with using DASH for messaging service | HUAWEI TECH. GmbH | 8.6 | **agreed** |
| [**S4-250844**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250844.zip) | [AMD\_PRO-MED] WT1: CMCD provisioning (M1d) and configuration(M5d) (TS 26.510 Updates) | Qualcomm Technologies | 8.5 | **merged** |
| [**S4-250907**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250907.zip) | Discussion and proposed way forward on MBS over NTN | Ericsson LM | 8.7 | **agreed** |
| [**S4-250953**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250953.zip) | [AMD\_PRO-MED] WT2: Summary of CRs related to media delivery from multiple service locations | Dolby Laboratories Inc. | 8.5 | **noted** |
| [**S4-250968**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250968.zip) | [AMD\_PRO-MED] Stage-3 Aspects of Network Slicing | Samsung Electronics Co. Ltd | 8.5 | **endorsed** |
| [**S4-250970**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250970.zip) | [AMD\_PRO-MED] Changes to 26510 OpenAPI on Stage-3 Aspects of Multi-access Media Delivery | Samsung Electronics Co. Ltd | 8.5 | **noted** |
| [**S4-250988**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250988.zip) | [AMD\_PRO-MED] DRM Format Support | Qualcomm Sweden | 8.5 | **endorsed** |
| [**S4-250994**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250994.zip) | [AMD\_PRO-MED] In-session Unicast Repair for MBMS Object Distribution | Qualcomm Sweden | 8.5 | **noted** |
| S4-250995 | [AMD\_PRO-MED] In-session Unicast Repair for MBS Object Distribution | Qualcomm Sweden | 8.5 | noted |
| [**S4-251031**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-251031.zip) | [AMD\_PRO-MED] WT2: TS 26.510 technology-independent feature updates to enable media delivery from multiple service locations | Dolby Laboratories Inc. | 8.5 | **endorsed** |
| [**S4-251061**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-251061.zip) | Latency Measurement and Control in 5GMS | Qualcomm Sweden | 8.7 | **noted** |
| [**S4-251062**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-251062.zip) | [FS\_MeMe] Time and Work Plan for Media Messaging | Qualcomm Technologies Int | 8.6 | **agreed** |
| [**S4-251063**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-251063.zip) | [AMD\_PRO-MED] WT1: CMCD provisioning (M1), reporting (M3) and exposure (R5/R6) | BBC | 8.5 | **endorsed** |
| [**S4-251065**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-251065.zip) | Aligning Stage 2 Session Announcement with Stage 3 on target service area | Ericsson LM | 8.7 | **endorsed** |
| S4-251066 | [AMD\_PRO-MED] Time Synchronization | Qualcomm Technologies Int | 8.5 | endorsed |
| [**S4-251094**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-251094.zip) | [AMD\_PRO-MED] Stage-3 Aspects of Multi-access Media Delivery | Nokia | 8.5 | **merged** |
| [**S4-251102**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-251102.zip) | [FS\_MeMe] Manifest-based Rich Media Messages | Qualcomm Sweden, Dolby | 8.6 | **agreed** |
| [**S4-251103**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-251103.zip) | [FS\_MeMe] DRM-protected Media Messages | Qualcomm Sweden | 8.6 | **agreed** |
| [**S4-251104**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-251104.zip) | [FS\_MeMe] Proposed Conclusions and Recommendations | Qualcomm Sweden | 8.6 | **agreed** |
| [**S4-251107**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-251107.zip) | [AMD\_PRO-MED] WT2: TS 26.512 technology-independent feature updates to enable media delivery from multiple service locations | Dolby Laboratories Inc. | 8.5 | **endorsed** |
| [**S4-251109**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-251109.zip) | [AMD\_PRO-MED] WT2: New annexes to specify use of CMMF within TS 26.512 | Dolby Laboratories Inc. | 8.5 | **noted** |
| [**S4-251111**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-251111.zip) | [FS\_MeMe] New Key Issue on Image Formats | Qualcomm Technologies Int | 8.6 | **agreed** |
| [**S4-251113**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-251113.zip) | Target Service Area Data Type in Service Announcement | Ericsson LM | 8.7 | **endorsed** |
| [**S4-251117**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-251117.zip) | Stage 3 on Improved QoS Support for Media Streaming services | Huawei, HiSilicon | 8.5 | **agreed** |
| S4-251119 | [AMD\_PRO-MED] Stage-3 Aspects of Multi-access Media Delivery | Samsung Electronics Co. Ltd., BBC | 8.5 | endorsed |
| S4-251121 | [AMD\_PRO-MED] DASH Instantiation and DRM Protocol Support | Qualcomm Sweden | 8.5 | endorsed |

## C.2 Agreed (presented to SA4 plenary)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **TDoc** | **Title** | **Source** | **Agenda item** | **Plenary** | **available** |
| [**S4-250870**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250870.zip) | Haptics media traffic characteristics | InterDigital New York | 8.7 | 14 | agreed |
| [**S4-250884**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250884.zip) | [5GMS\_Pro\_Ph2] Correction to the Dynamic Policy resource definition | Nokia | 8.4 | **13** | **agreed** |
| [**S4-251028**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-251028.zip) | Aligning Stage 2 Session Announcement with Stage 3 on target service area | Ericsson LM | 8.7 | **14.8** | **agreed** |
| [**S4-251060**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-251060.zip) | [FS\_AMD] Combined MBS and Unicast Services | Qualcomm Germany | 8.7 | **14** | **agreed** |
| [**S4-251095**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-251095.zip) | Correction to MBS communication service type for QMC | Nokia, Huawei, Ericsson LM, Qualcomm | 8.3 | **5.2** | **agreed** |
| [**S4-251096**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-251096.zip) | Draft LS to RAN3 on MBS Communication Service Type for QMC | Nokia | 8.3 | **5.2** | **agreed** |
| [**S4-251099**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-251099.zip) | Reply on Inclusion of NTN intended service area in the Service Announcement | Ericsson GmbH, Eurolab | 8.3 | **5.2** | **agreed** |
| [**S4-251105**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-251105.zip) | [5GMS\_Pro\_Ph2] Content Hosting and Publishing Corrections | Dolby Laboratories Inc. | 8.4 | **13** | **agreed** |
| [**S4-251106**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-251106.zip) | [5MBP3, TEI18] References, reference points, and other corrections | Dolby Laboratories Inc. | 8.4 | **13** | **agreed** |
| [**S4-251112**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-251112.zip) | Clarification on support of Improved QoS for media streaming services | Huawei, HiSilicon, Ericsson, BBC | 8.7 | **14** | **agreed** |

## C.3 Other status (not presented to SA4 plenary)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **TDoc** | **Title** | **Source** | **Agenda item** | **available** | **Revised to** |
| [**S4-250756**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250756.zip) | [5MBP3] MIME media type registration for object manifest | BBC | 8.4 | **revised** | [**S4-251114**](https://portal.3gpp.org/ngppapp/CreateTdoc.aspx?mode=view&contributionId=1681875) |
| [**S4-250757**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250757.zip) | [5MBP3] MIME media type registration for object manifest | BBC | 8.4 | **revised** | [**S4-251115**](https://portal.3gpp.org/ngppapp/CreateTdoc.aspx?mode=view&contributionId=1681876) |
| [**S4-250759**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250759.zip) | [AMD\_PRO-MED] WT1: CMCD provisioning (M1), reporting (M3) and exposure (R5/R6) | BBC | 8.5 | **revised** | [**S4-251063**](https://portal.3gpp.org/ngppapp/CreateTdoc.aspx?mode=view&contributionId=1681710) |
| [**S4-250765**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250765.zip) | Inclusion of NTN intended service area in the Service Announcement | RAN2 | 8.3 | **replied to** |  |
| [**S4-250766**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250766.zip) | Reply LS on MBS Communication Service Type | RAN3 | 5.2 | **replied to** |  |
| [**S4-250767**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250767.zip) | LS on clarification on reply SDP for standalone DC | SA2 | 5.2 | **postponed** |  |
| S4-250768 | LS on IMS DC multiplexing | SA2 | 5.2 | withdrawn |  |
| [**S4-250772**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250772.zip) | LS on initiation of new Supplement to ITU-T Y.3184 (Y.Sup-Mec-CONA) “Mechanism for customer-oriented intelligent awareness of network status” | ITU-T Study Group 13 | 5.3 | **noted** |  |
| [**S4-250787**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250787.zip) | On NTN intended service area in the Service Announcement | Qualcomm Germany | 8.3 | **noted** |  |
| [**S4-250788**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250788.zip) | [FS\_MeMe] New Key Issue on Image Formats | Qualcomm Technologies Int | 8.6 | **revised** | [**S4-251111**](https://portal.3gpp.org/ngppapp/CreateTdoc.aspx?mode=view&contributionId=1681872) |
| [**S4-250791**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250791.zip) | [FS\_MeMe] Manifest-based Rich Media Messages | Qualcomm Sweden | 8.6 | **revised** | [**S4-251102**](https://portal.3gpp.org/ngppapp/CreateTdoc.aspx?mode=view&contributionId=1681863) |
| [**S4-250792**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250792.zip) | [FS\_MeMe] DRM-protected Media Messages | Qualcomm Sweden | 8.6 | **revised** | [**S4-251103**](https://portal.3gpp.org/ngppapp/CreateTdoc.aspx?mode=view&contributionId=1681864) |
| [**S4-250793**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250793.zip) | [FS\_MeMe] Proposed Conclusions and Recommendations | Qualcomm Sweden | 8.6 | **revised** | [**S4-251104**](https://portal.3gpp.org/ngppapp/CreateTdoc.aspx?mode=view&contributionId=1681865) |
| [**S4-250794**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250794.zip) | [FS\_MeMe] Time and Work Plan for Media Messaging | Qualcomm Technologies Int | 8.6 | **revised** | [**S4-251062**](https://portal.3gpp.org/ngppapp/CreateTdoc.aspx?mode=view&contributionId=1681709) |
| [**S4-250827**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250827.zip) | Latency Measurement and Control in 5GMS | Qualcomm Sweden | 8.7 | **revised** | [**S4-251061**](https://portal.3gpp.org/ngppapp/CreateTdoc.aspx?mode=view&contributionId=1681708) |
| [**S4-250875**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250875.zip) | Correction to MBS communication service type for QMC | Nokia | 8.3 | **revised** | [**S4-251095**](https://portal.3gpp.org/ngppapp/CreateTdoc.aspx?mode=view&contributionId=1681856) |
| [**S4-250877**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250877.zip) | Draft LS to RAN3 on MBS Communication Service Type for QMC | Nokia | 8.3 | **revised** | [**S4-251096**](https://portal.3gpp.org/ngppapp/CreateTdoc.aspx?mode=view&contributionId=1681857) |
| [**S4-250894**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250894.zip) | Stage 3 on Improved QoS Support for Media Streaming services | Huawei, HiSilicon | 8.5 | **revised** | [**S4-251117**](https://portal.3gpp.org/ngppapp/CreateTdoc.aspx?mode=view&contributionId=1681878) |
| [**S4-250895**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250895.zip) | Support of Improved QoS for media streaming services | Huawei, HiSilicon | 8.5 | **revised** | [**S4-251118**](https://portal.3gpp.org/ngppapp/CreateTdoc.aspx?mode=view&contributionId=1681879) |
| [**S4-250896**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250896.zip) | Clarification on support of Improved QoS for media streaming services | Huawei, HiSilicon | 8.4 | **revised** | [**S4-251112**](https://portal.3gpp.org/ngppapp/CreateTdoc.aspx?mode=view&contributionId=1681873) |
| [**S4-250908**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250908.zip) | Target Service Area Data Type in Service Announcement | Ericsson LM | 8.7 | **revised** | [**S4-251067**](https://portal.3gpp.org/ngppapp/CreateTdoc.aspx?mode=view&contributionId=1681714) |
| [**S4-250909**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250909.zip) | Aligning Stage 2 Session Announcement with Stage 3 on target service area | Ericsson LM | 8.7 | **revised** | [**S4-251028**](https://portal.3gpp.org/ngppapp/CreateTdoc.aspx?mode=view&contributionId=1681573) |
| [**S4-250910**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250910.zip) | Aligning Stage 2 Session Announcement with Stage 3 on target service area | Ericsson LM | 8.7 | **revised** | [**S4-251029**](https://portal.3gpp.org/ngppapp/CreateTdoc.aspx?mode=view&contributionId=1681574) |
| [**S4-250911**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250911.zip) | Aligning Stage 2 Session Announcement with Stage 3 on target service area | Ericsson LM | 8.7 | **revised** | [**S4-251065**](https://portal.3gpp.org/ngppapp/CreateTdoc.aspx?mode=view&contributionId=1681712) |
| [**S4-250950**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250950.zip) | [AMD\_PRO-MED] WT2: TS 26.510 technology-independent feature updates to enable media delivery from multiple service locations | Dolby Laboratories Inc. | 8.5 | **revised** | [**S4-251031**](https://portal.3gpp.org/ngppapp/CreateTdoc.aspx?mode=view&contributionId=1681576) |
| [**S4-250951**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250951.zip) | [AMD\_PRO-MED] WT2: TS 26.512 technology-independent feature updates to enable media delivery from multiple service locations | Dolby Laboratories Inc. | 8.5 | **revised** | [**S4-251107**](https://portal.3gpp.org/ngppapp/CreateTdoc.aspx?mode=view&contributionId=1681868) |
| [**S4-250952**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250952.zip) | [AMD\_PRO-MED] WT2: New annexes to specify use of CMMF within TS 26.512 | Dolby Laboratories Inc. | 8.5 | **revised** | [**S4-251109**](https://portal.3gpp.org/ngppapp/CreateTdoc.aspx?mode=view&contributionId=1681870) |
| [**S4-250953**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250953.zip) | [AMD\_PRO-MED] WT2: Summary of CRs related to media delivery from multiple service locations | Dolby Laboratories Inc. | 8.5 | **noted** |  |
| [**S4-250966**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250966.zip) | [AMD\_PRO-MED] Stage-3 Aspects of Multi-access Media Delivery | Nokia | 8.5 | **revised** | [**S4-251094**](https://portal.3gpp.org/ngppapp/CreateTdoc.aspx?mode=view&contributionId=1681855) |
| [**S4-250969**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250969.zip) | [AMD\_PRO-MED] Stage-3 Aspects of Multi-access Media Delivery | Samsung Electronics Co. Ltd., BBC | 8.5 | **revised** | [**S4-251097**](https://portal.3gpp.org/ngppapp/CreateTdoc.aspx?mode=view&contributionId=1681858) |
| [**S4-250970**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250970.zip) | [AMD\_PRO-MED] Changes to 26510 OpenAPI on Stage-3 Aspects of Multi-access Media Delivery | Samsung Electronics Co. Ltd | 8.5 | **noted** |  |
| [**S4-250990**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250990.zip) | [AMD\_PRO-MED] DRM Protocol Support | Qualcomm Sweden | 8.5 | **revised** | [**S4-251121**](https://portal.3gpp.org/ngppapp/CreateTdoc.aspx?mode=view&contributionId=1681882) |
| [**S4-250992**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250992.zip) | [AMD\_PRO-MED] Time Synchronization | Qualcomm Technologies Int | 8.5 | **revised** | [**S4-251066**](https://portal.3gpp.org/ngppapp/CreateTdoc.aspx?mode=view&contributionId=1681713) |
| [**S4-250994**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-250994.zip) | [AMD\_PRO-MED] In-session Unicast Repair for MBMS Object Distribution | Qualcomm Sweden | 8.5 | **noted** |  |
| S4-250995 | [AMD\_PRO-MED] In-session Unicast Repair for MBS Object Distribution | Qualcomm Sweden | 8.5 | noted |  |
| [**S4-251000**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-251000.zip) | [FS\_AMD] Combined MBS and Unicast Services | Qualcomm Germany | 8.7 | **revised** | [**S4-251060**](https://portal.3gpp.org/ngppapp/CreateTdoc.aspx?mode=view&contributionId=1681707) |
| [**S4-251022**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-251022.zip) | [AMD\_PRO-MED] WT2: Corrections and Clarifications to TS 26.512 Rel-18 | Dolby Laboratories Inc. | 8.4 | **revised** | [**S4-251106**](https://portal.3gpp.org/ngppapp/CreateTdoc.aspx?mode=view&contributionId=1681867) |
| [**S4-251023**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-251023.zip) | [AMD\_PRO-MED] WT2: Corrections and Clarifications to TS 26.510 Rel-18 | Dolby Laboratories Inc. | 8.4 | **revised** | [**S4-251105**](https://portal.3gpp.org/ngppapp/CreateTdoc.aspx?mode=view&contributionId=1681866) |
| [**S4-251030**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-251030.zip) | Reply on Inclusion of NTN intended service area in the Service Announcement | Ericsson GmbH, Eurolab | 8.3 | **revised** | [**S4-251099**](https://portal.3gpp.org/ngppapp/CreateTdoc.aspx?mode=view&contributionId=1681860) |
| [**S4-251061**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-251061.zip) | Latency Measurement and Control in 5GMS | Qualcomm Sweden | 8.7 | **noted** |  |
| [**S4-251067**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-251067.zip) | Target Service Area Data Type in Service Announcement | Ericsson LM | 8.7 | **revised** | [**S4-251113**](https://portal.3gpp.org/ngppapp/CreateTdoc.aspx?mode=view&contributionId=1681874) |
| [**S4-251097**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-251097.zip) | [AMD\_PRO-MED] Stage-3 Aspects of Multi-access Media Delivery | Samsung Electronics Co. Ltd., BBC | 8.5 | **revised** | [**S4-251119**](https://portal.3gpp.org/ngppapp/CreateTdoc.aspx?mode=view&contributionId=1681880) |
| [**S4-251109**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-251109.zip) | [AMD\_PRO-MED] WT2: New annexes to specify use of CMMF within TS 26.512 | Dolby Laboratories Inc. | 8.5 | **noted** |  |

## C.4 Other status (presented to SA4 plenary)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **TDoc** | **Title** | **Source** | **Agenda item** | **Plenary** | **available** |
| S4-250998 | [AMD\_PRO-MED] Updated Work Plan for WID on Stage-3 for Advanced Media Delivery | Qualcomm Incorporated | 8.5 | **14.8** | available |
| [**S4-251064**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-251064.zip) | TR 26.841v2.0.0: Media Messaging Enhancements | Qualcomm Sweden | 8.6 | **15.2** | **available** |
| [**S4-251114**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-251114.zip) | [5MBP3] MIME media type registration for object manifest | BBC | 8.4 | **13** | **available** |
| [**S4-251115**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_132_Fukuoka/Docs/S4-251115.zip) | [5MBP3] MIME media type registration for object manifest | BBC | 8.4 | **13** | **available** |
| S4-251118 | Support of Improved QoS for media streaming services | Huawei, HiSilicon | 8.5 | **14.8** | available |

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