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

**Title: MBS SWG Tdoc allocation**

**Introduction**

**Legend for Tdocs:**

* **Color: not-yet processed**, **processed**, **late**, **~~withdrawn~~**, **moved to a different A.I.**, **under email agreement**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

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| --- | --- | --- | --- |
| A.I. | Title of A.I. | Block |  |
| 8 | Multicast-Broadcast-Streaming (MBS) SWG | - |  |
| 8.1 | Opening of the session | A |  |
| 8.2 | Registration of documents | A |  |
| 8.3 | Reports/Liaisons from other groups/meetings | A | 003 (DVB/MABR) -> MBS SWG -> reply in 225->310a (plenary)004n (SCTE/DASH) -> MBS SWG -> noted318 (RAN3) -> postponed |
| 8.4 | Issues for immediate consideration | A |  |
| 8.5 | CRs to features in Release 16 and earlier | A | 135a (plenary), 042->228->246a (plenary), 116->229a (plenary), 117n, 082->230pp, 159n, 044->140->226a, 227->247a (plenary), 012a, 038a, 134->232a, 157a, 158->241a, 174a (plenary), 106->235-> 311a (plenary), 231->317 (plenary)Open API: 296->309n~~039~~, ~~043~~ |
| 8.6 | FS\_5GMS\_Multicast (Feasibility Study on Multicast Architecture Enhancements for 5GMSA) | A | TR: 081->233->245 (plenary)TP: 080->234a (plenary)046->236->249a, 047->237->250a, 048->238->251->308a, 079a, 152a, 153->239a, 154->244aLS: 242->312->319 (plenary)SID update: 243->248 (plenary)~~045~~ |
| 8.7 | FS\_EMSA (Feasibility Study on Streaming Architecture extensions For Edge processing) | B | 083->253->304a084->313a161->254->320 (plenary), 085->295n, 100pa, 120n162->252nTR: 321 (plenary)TP: 322 (plenary) |
| 8.8 | FS\_5GMS\_EXT (Study on 5G media streaming extensions) | B | TP: 104->297 (plenary)TR: 136->305 (plenary)Content prep: 049->306 (plenary), 101m(->306)Traffic Id: 050->307 (plenary), 156m(in 307)Transport: 051->298aUplink: 052m, 155m, 163m all merged into 299 (plenary)Background: 053->300 (plenary)Content aware: 054aNw Events: 055->301 (plenary)App auth: 056aContent prot.: 057->302aLive: 058->303a |
| 8.9 | New Work / New Work Items and Study Items | B | 160->240 (plenary) |
| 8.10 | Others including TEI | B |  |
| 8.11 | Review of the future work plan (next meeting dates, hosts) | B |  |
| 8.12 | Any Other Business | B |  |
| 8.13 | Close of the session | B |  |
| 12 | LSs received during the meeting and Postponed Liaisons (from A. I. 5) | Plenary |  |
| 13 | Reports and general issues from sub-working-groups | Plenary |  |
| 13.1 | EVS SWG | Plenary |  |
| 13.2 | MBS SWG | Plenary |  |
| 13.3 | MTSI SWG | Plenary |  |
| 13.4 | SQ SWG | Plenary |  |
| 13.5 | Video SWG | Plenary |  |
| 14 | CRs to features in Release 16 and earlier | Plenary | TS 26.346: 135aTS 26.512: 174->292PP, 317TS 26.511: 246aTS 26.501: 229aLS on DASH: 247->293appLS to SA2/CT3: 311 |
| 15 | Release 17 Features | Plenary |  |
| 15.1 | IVAS\_Codec (EVS Codec Extension for Immersive Voice and Audio Services) | Plenary |  |
| 15.2 | ITT4RT (Support of Immersive Teleconferencing and Telepresence for Remote Terminals) | Plenary |  |
| 15.3 | ATIAS (Terminal Audio quality performance and Test methods for Immersive Audio Services) | Plenary |  |
| 15.4 | HaNTE (Handsets Featuring Non-Traditional Earpieces) | Plenary |  |
| 15.5 | HInT (Extension for headset interface tests of UE) | Plenary |  |
| 15.6 | 8K\_VR\_5G (Operation Points for 8K VR 360 Video over 5G) | Plenary |  |
| 15.7 | TEI17 and any other Rel-17 documents | Plenary |  |
| 16 | Study Items | Plenary |  |
| 16.1 | FS\_5GMS\_Multicast (Feasibility Study on Multicast Architecture Enhancements for 5GMSA) | Plenary | TR 26.802: 245TP: 234SID: 248LS: 319 |
| 16.2 | FS\_XRTraffic (Feasibility Study on Typical Traffic Characteristics for XR Services and other Media) | Plenary |  |
| 16.3 | FS\_EMSA (Feasibility Study on Streaming Architecture extensions For Edge processing) | Plenary | Architecture: 320TR: 321TP: 322 |
| 16.4 | FS\_VR\_CoGui (Feasibility Study on VR Streaming Conformance and Guidelines) | Plenary |  |
| 16.5 | FS\_5GVideo (Feasibility Study on 5G Video Codec Characteristics) | Plenary |  |
| 16.6 | FS\_FLUS\_NBMP (Feasibility Study on the use of NBMP in E\_FLUS) | Plenary |  |
| 16.7 | FS\_5GSTAR (Feasibility Study on 5G Glass-type AR/MR Devices) | Plenary |  |
| 16.8 | FS\_5GMS\_EXT (Study on 5G media streaming extensions) | Plenary | pCRs: 306, 307, 299, 300, 301TR: 305TP: 297 |
| 17 | Work Items and Study Items under the responsibility of other TSGs/WGs impacting SA4 work | Plenary |  |
| 18 | New Work / New Work Items and Study Items | Plenary | 240 |
| 19 | Postponed issues | Plenary |  |
| 20 | Review of the future work plan (next meeting dates, hosts) | Plenary |  |
| 21 | Any Other Business | Plenary |  |
| 22 | Close of meeting: Wednesday February 10th, at 18:00 hours CET (at the latest) | Plenary |  |

*Note: Agenda Items 7-11 are SWG (Sub Working Group) agenda items and will be handled in SWGs.*

*Note: Some SWG agenda items are handled in joint SWG sessions. You should refer to the schedule to see details of joint sessions.*

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| **TDoc** | **Title** | **Source** | **For** | **SWG Agenda item** | **TDoc Status** | **Revised to** | **Plenary Agenda item** |
| [**S4-210003**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_112-e/Docs/S4-210003.zip) | Liaison from DVB on Phase I technical specification “DVB-MABR” | 3GPP MCC | Decision | 5.3 | **Replied to** |  | - |
| [**S4-210004**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_112-e/Docs/S4-210004.zip) | Liaison on availability of DASH | 3GPP MCC | Presentation | 5.3 | **noted** |  | - |
| [**S4-210012**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_112-e/Docs/S4-210012.zip) | Essential corrections to Consumption Reporting APIs | BBC, Enensys Technology, Ericsson | Agreement | 8.5 | **agreed** |  | - |
| [**S4-210038**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_112-e/Docs/S4-210038.zip) | Replacement client architecture figures | BBC | Agreement | 8.5 | **agreed** |  | - |
| S4-210039 | Corrections on Procedures and APIs for Downlink and Uplink Streaming | Qualcomm Incorporated, BBC | Agreement | 8.5 | withdrawn |  | - |
| [**S4-210042**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_112-e/Docs/S4-210042.zip) | Proposed Corrections to TS 26.511 | Qualcomm Incorporated | Agreement | 8.5 | **revised** | **S4-210228** | - |
| S4-210043 | Proposed Corrections to TS 26.512 | Qualcomm Incorporated | Agreement | 8.5 | withdrawn |  | - |
| [**S4-210044**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_112-e/Docs/S4-210044.zip) | 3GPP DASH – More relevant than ever? | Qualcomm Incorporated, Comcast, Orange, Dolby Laboratories | Agreement | 8.5 | **revised** | [**S4-210140**](https://portal.3gpp.org/ngppapp/CreateTdoc.aspx?mode=view&contributionId=1188127) | - |
| S4-210045 | [FS\_5GMS\_Multicast] Key issue on re-use of MBMS service layer | Qualcomm Incorporated | Agreement | 8.6 | withdrawn |  | - |
| [**S4-210046**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_112-e/Docs/S4-210046.zip) | [FS\_5GMS\_Multicast] Client Architectures | Qualcomm Incorporated | Agreement | 8.6 | **revised** | **S4-210236** | - |
| [**S4-210047**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_112-e/Docs/S4-210047.zip) | [FS\_5GMS\_Multicast] Hybrid use case | Qualcomm Incorporated | Agreement | 8.6 | **revised** | **S4-210237** | - |
| [**S4-210048**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_112-e/Docs/S4-210048.zip) | [FS\_5GMS\_Multicast] Interworking with EPC and enTV | Qualcomm Incorporated | Agreement | 8.6 | **revised** | **S4-210238** | - |
| [**S4-210049**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_112-e/Docs/S4-210049.zip) | [FS\_5GMS-EXT] Key Topic Content Preparation | Qualcomm Incorporated | Agreement | 8.8 | **revised** | **S4-210306** | - |
| **[S4-210050](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_112-e/Docs/S4-210050.zip)** | [FS\_5GMS-EXT] Key Topic Traffic Identification | Qualcomm Incorporated | Agreement | 8.8 | **revised** | **S4-210307** | - |
| **[S4-210051](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_112-e/Docs/S4-210051.zip)** | [FS\_5GMS-EXT] Key Topic Additional / New transport protocols | Qualcomm Incorporated | Agreement | 8.8 | **revised** | **S4-210298** | - |
| [**S4-210052**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_112-e/Docs/S4-210052.zip) | [FS\_5GMS-EXT] Key Topic Uplink media streaming | Qualcomm Incorporated | Agreement | 8.8 | **merged** | **S4-210306** | - |
| [**S4-210053**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_112-e/Docs/S4-210053.zip) | [FS\_5GMS-EXT] Key Topic Background traffic | Qualcomm Incorporated | Agreement | 8.8 | **revised** | **S4-210300** | - |
| [**S4-210054**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_112-e/Docs/S4-210054.zip) | [FS\_5GMS-EXT] Key Topic Content Aware Streaming | Qualcomm Incorporated | Agreement | 8.8 | **Agreed** |  | - |
| [**S4-210055**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_112-e/Docs/S4-210055.zip) | [FS\_5GMS-EXT] Key Topic Network Event usage | Qualcomm Incorporated | Agreement | 8.8 | **revised** | **S4-210301** | - |
| [**S4-210056**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_112-e/Docs/S4-210056.zip) | [FS\_5GMS-EXT] Key Topic Per-application-authorization | Qualcomm Incorporated | Agreement | 8.8 | **Agreed** |  | - |
| **[S4-210057](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_112-e/Docs/S4-210057.zip)** | [FS\_5GMS-EXT] Key Topic Support for encrypted and high-value content | Qualcomm Incorporated | Agreement | 8.8 | **revised** | **S4-210302** | - |
| [**S4-210058**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_112-e/Docs/S4-210058.zip) | [FS\_5GMS-EXT] Key Topic Scalable distribution of unicast Live Services | Qualcomm Incorporated | Agreement | 8.8 | **revised** | **S4-210303** |  |
| [**S4-210079**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_112-e/Docs/S4-210079.zip) | pCR TR 26.802 - key issues on MABR support in 5GMS | TELUS, BBC, Qualcomm, Ericsson, Telecom Italia, Enensys | Agreement | 8.6 | **agreed** |  | - |
| [**S4-210080**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_112-e/Docs/S4-210080.zip) | [FS\_5GMS\_Multicast] Updated time and work plan | TELUS |   | 8.6 | **revised** | **S4-210234** | - |
| [**S4-210081**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_112-e/Docs/S4-210081.zip) | draft TR 26.802 | TELUS | Agreement | 8.6 | **revised** | **S4-210233** | - |
| [**S4-210082**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_112-e/Docs/S4-210082.zip) | Removal of Editor’s notes in 5GMS3 | HUAWEI Technologies Japan K.K. | Agreement | 8.5 | **revised** | **S4-210230** | - |
| [**S4-210083**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_112-e/Docs/S4-210083.zip) | Clarification of EAS discovery solutions during UE mobility in SA2  | HUAWEI Technologies Japan K.K. | Agreement | 8.7 | **revised** | **S4-210253** | - |
| [**S4-210084**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_112-e/Docs/S4-210084.zip) | Overview of concluded edge application relocation solutions in SA2 | HUAWEI Technologies Japan K.K. | Agreement | 8.7 | **revised** | **S4-210313** | - |
| [**S4-210085**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_112-e/Docs/S4-210085.zip) | Discussion for architecture mapping from SA6 to SA4 | HUAWEI Technologies Japan K.K. | Agreement | 8.7 | **revised** | **S4-210295** | - |
| [**S4-210100**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_112-e/Docs/S4-210100.zip) | FS\_EMSA: Architecture update | Tencent | Agreement | 8.7 | **Partially agreed** |  | - |
| [**S4-210101**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_112-e/Docs/S4-210101.zip) | FS\_5GMS\_EXT: Content preparation deployment scenarios and functional description | Tencent | Agreement | 8.8 | **merged** | **S4-210306** | - |
| [**S4-210104**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_112-e/Docs/S4-210104.zip) | FS\_5GMS\_EXT: Proposed workplan | Tencent, Ericsson | Agreement | 8.8 | **revised** | **S4-210297** | - |
| [**S4-210106**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_112-e/Docs/S4-210106.zip) | Draft LS on App ID Usage in NEF Related Service API | HUAWEI Technologies Japan K.K. | Agreement | 8.5 | **revised** | **S4-210235** | - |
| [**S4-210116**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_112-e/Docs/S4-210116.zip) | Editorial Improvements | Samsung Electronics Co., Ltd | Agreement | 8.5 | **revised** | **S4-210229** | - |
| [**S4-210117**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_112-e/Docs/S4-210117.zip) | On editorial improvement on TS 26.501 | Samsung Electronics Co., Ltd | Agreement | 8.5 | **noted** |  | - |
| [**S4-210120**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_112-e/Docs/S4-210120.zip) | On EMSA architecture | Samsung Electronics Co., Ltd | Agreement | 8.7 | **noted** |  | - |
| [**S4-210134**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_112-e/Docs/S4-210134.zip) | Corrections on Procedures and APIs for Downlink and Uplink Streaming | Qualcomm Incorporated, BBC, Ericsson LM | Agreement | 8.5 | **revised** | **S4-210232** | - |
| [**S4-210135**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_112-e/Docs/S4-210135.zip) | Bug Fix on Main USD Schema in Annex J.1 | Qualcomm Incorporated | Agreement | 8.5 | **Agreed** |  | 14 |
| [**S4-210136**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_112-e/Docs/S4-210136.zip) | First version of TR 26.804 "Study on 5G media streaming extensions" | Ericsson LM |   | 8.8 | **revised** | **S4-210305** | - |
| [**S4-210140**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_112-e/Docs/S4-210140.zip) | 3GPP DASH – More relevant than ever? | Qualcomm Incorporated, Comcast, Orange, Dolby Laboratories, Tencent | Agreement | 8.5 | **revised** | **S4-210226** | - |
| [**S4-210152**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_112-e/Docs/S4-210152.zip) | Review of xMB-C wrt User Plane properties | Ericsson LM, BBC | Agreement | 8.6 | **agreed** |  | - |
| [**S4-210153**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_112-e/Docs/S4-210153.zip) | New Key Issue on 'Collaboration and deployment scenarios' | Ericsson LM | Agreement | 8.6 | **revised** | **S4-210239** | - |
| [**S4-210154**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_112-e/Docs/S4-210154.zip) | Discussion on the scope of FS\_5GMS-Multicast wrt 5MBS | Ericsson LM | Agreement | 8.6 | **revised** | **S4-210244** | - |
| [**S4-210155**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_112-e/Docs/S4-210155.zip) | Collaboration Scenarios for Uplink streaming | Ericsson LM | Agreement | 8.8 | **Merged** | **S4-210299** | - |
| [**S4-210156**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_112-e/Docs/S4-210156.zip) | Discussion on Traffic Identification | Ericsson LM | Agreement | 8.8 | **Merged** | **S4-210307** | - |
| [**S4-210157**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_112-e/Docs/S4-210157.zip) | M5 definition in OpenAPI 3.0 format | Ericsson LM | Agreement | 8.10 | **Agreed** |  | - |
| [**S4-210158**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_112-e/Docs/S4-210158.zip) | Various Corrections | Ericsson LM | Agreement | 8.10 | **revised** | **S4-210241** | - |
| [**S4-210159**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_112-e/Docs/S4-210159.zip) | Discussion on PFD referencing within Dynamic Policy API | Ericsson LM | Discussion | 8.10 | **Noted** |  | - |
| [**S4-210160**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_112-e/Docs/S4-210160.zip) | New Study Item on Media Production over 5G NPNs | Ericsson LM, AT&T, BBC, B-Com, Dolby Laboratories Inc., EBU, Orange | Agreement | 8.9 | **revised** | **S4-210240** | - |
| [**S4-210161**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_112-e/Docs/S4-210161.zip) | EMSA architecture | Qualcomm Wireless GmbH |   | 8.7 | **revised** | **S4-210254** | - |
| [**S4-210162**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_112-e/Docs/S4-210162.zip) | Split Rendering Use Case Walkthrough | Qualco-mm Wireless GmbH- |   | 8.7 | **noted** | **S4-210252** | - |
| [**S4-210163**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_112-e/Docs/S4-210163.zip) | FS\_5GMS\_EXT: Uplink media streaming missing features | Tencent | Agreement | 8.8 | **Merged** | **S4-210299** | - |

New Tdocs allocated during MBS SWG

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| --- | --- | --- | --- | --- | --- | --- | --- |
| **TDoc** | **Title** | **Source** | **For** | **SWG Agenda item** | **TDoc Status** | **Revised to** | **Plenary Agenda item** |
| S4-210225 | Response LS to Liaison from DVB on Phase I technical specification “DVB-MABR” | Dolby Laboratories Inc. |  | 8.3 | Revised | S4-210310 | - |
| S4-210226 | 3GPP DASH – More relevant than ever?  | Qualcomm Incorporated, Comcast, Orange, Dolby Laboratories, Tencent, Ericsson LM, BBC, InterDigital |  | 8.5 | **agreed** |  | - |
| S4-210227 | LS to ISO/IEC JTC1 on DASH | MBS (Thomas) |  | 8.5 | Revised | S4-210247 | - |
| S4-210228 | Draft CR to TS 26.511 on various corrections (Rel-16) | Qualcomm Incorporated, BBC |  | 8.5 | Revised | S4-210246 | - |
| S4-210229 | CR to TS 26.501 0027 on clarifications and corrections (Rel-16)  | Samsung Electronics Co., Ltd |  | 8.5 | **Agreed** | **-** | 14 |
| S4-210230 | CR to TS 26.512 0003 Removal of Editor’s notes in 5GMS3 (Rel-16) | HUAWEI Technologies Japan K.K. |  | 8.5 | **Postponed** | **-** | - |
| S4-210231 | Draft CR to TS 26.512 Corrections on Procedures and APIs for Downlink and Uplink Streaming and other corrections (Rel-16) | Ericsson LM, BBC, Enensys Technologies, Qualcomm Incorporated |  | 8.5 | Revised | S4-210317 | - |
| S4-210232 | Draft CR to TS 26.512 Corrections on Procedures and APIs for Downlink and Uplink Streaming (Rel-16) | Qualcomm Incorporated, BBC, Ericsson LM |  | 8.5 | **Agreed** | **-** | - |
| S4-210233 | Draft TR 26.802 Multicast Architecture Enhancement for 5G Media Streaming | Editor (TELUS) |  | 8.6 | Revised | S4-210245 | - |
| S4-210234 | [FS\_5GMS\_Multicast] Updated time and work plan | Rapporteur (TELUS) |  | 8.6 | **Agreed** | **-** | 16.1 |
| S4-210235 | Draft LS on App ID Usage in NEF Related Service API | HUAWEI Technologies Japan K.K. |  | 8.5 | Revised | S4-210311 | - |
| S4-210236 | [FS\_5GMS\_Multicast] Client Architectures | Qualcomm Incorporated |  | 8.6 | Revised | S4-210249 | - |
| S4-210237 | [FS\_5GMS\_Multicast] Hybrid use case | Qualcomm Incorporated |  | 8.6 | Revised | S4-210250 | - |
| S4-210238 | [FS\_5GMS\_Multicast] Interworking with EPC and enTV | Qualcomm Incorporated |  | 8.6 | Revised | S4-210251 | - |
| S4-210239 | New Key Issue on 'Collaboration and deployment scenarios' | Ericsson LM |  | 8.6 | **Agreed** | **-** | - |
| S4-210240 | New Study Item on Media Production over 5G NPNs  | Ericsson LM, AT&T, B-Com, BBC, Dolby Laboratories Inc., EBU, Orange, Sennheiser Electronic GmbH, Verizon UK Ltd |  | 8.9 | **Available** | **-** | 18 |
| S4-210241 | Draft CR to TS 26.512 on removal of editor’s notes and handling of multiple AF instances | Ericsson LM |  | 8.5 | **Agreed** | **-** | - |
| S4-210242 | LS to SA2 and SA6 on FS\_5GMS\_Multicast and 5MBS TBD | Ericsson LM |  | 8.6 | Revised | S4-210312 | - |
| S4-210243 | Draft revised SID FS\_5GMS\_Multicast | Rapporteur (TELUS) |  | 8.6 | Revised | S4-210248 | - |
| S4-210244 | Discussion on the scope of FS\_5GMS-Multicast wrt 5MBS | Ericsson LM |  | 8.6 | **Agreed** | **-** | - |
| S4-210245 | Draft TR 26.802 v0.3.0 Multicast Architecture Enhancement for 5G Media Streaming | Editor (TELUS) |  | 8.6 | **Available** | **-** | 16.1 |
| S4-210246 | CR to TS 26.511 0002 rev1 on various corrections (Rel-16) | Qualcomm Incorporated, BBC |  | 8.5 | **Agreed** | **-** | 14 |
| S4-210247 | LS to ISO/IEC JTC1 on DASH | MBS (Thomas) |  | 8.5 | **Agreed** | **-** | 14 |
| S4-210248 | Draft revised SID FS\_5GMS\_Multicast | Rapporteur (TELUS) |  | 8.6 | **available** | **-** | 16.1 |
| S4-210249 | [FS\_5GMS\_Multicast] Client Architectures | Qualcomm Incorporated |  | 8.6 | **Agreed** | **-** | - |
| S4-210250 | [FS\_5GMS\_Multicast] Hybrid use case | Qualcomm Incorporated |  | 8.6 | **Agreed** | **-** | - |
| S4-210251 | [FS\_5GMS\_Multicast] Interworking with EPC and enTV | Qualcomm Incorporated |  | 8.6 | Revised | S4-210308 | - |
| S4-210252 | Split Rendering Use Case Walkthrough  | Qualcomm Wireless GmbH |  | 8.6 | **Noted** | **-** | - |
| S4-210253 | Clarification of EAS discovery solutions during UE mobility in SA2  | HUAWEI Technologies Japan K.K., BBC |  | 8.7 | Revised | S4-210304 | - |
| S4-210254 | EMSA architecture  | Qualcomm Wireless GmbH |  | 8.7 | Revised | S4-210320 | - |
| S4-210295 | Discussion for architecture mapping from SA6 to SA4 | HUAWEI Technologies Japan K.K. |  | 8.7 | **Noted** | **-** | - |
| S4-210296 | Discussion on 3GPP OpenAPI documentation guidelines | Ericsson LM., …. |  | 8.5 | Revised | S4-210309 | - |
| S4-210297 | FS\_5GMS\_EXT: Proposed workplan  | Rapporteurs (Tencent, Ericsson) |  | 8.8 | **Available** | **-** | 16.8 |
| S4-210298 | [FS\_5GMS-EXT] Key Topic Additional / New transport protocols  | Qualcomm Incorporated |  | 8.8 | **Agreed** | **-** | - |
| S4-210299 | FS\_5GMS-EXT pCR on text for inclusion in the TR section on uplink streaming | Qualcomm Incorporated, Ericsson LM, Tencent |  | 8.8 | **Available** | **-** | 16.8 |
| S4-210300 | [FS\_5GMS-EXT] Key Topic Background traffic  | Qualcomm Incorporated |  | 8.8 | **Available** | **-** | 16.8 |
| S4-210301 | [FS\_5GMS-EXT] Key Topic Network Event usage  | Qualcomm Incorporated |  | 8.8 | **Available** | **-** | 16.8 |
| S4-210302 | [FS\_5GMS-EXT] Key Topic Support for encrypted and high-value content | Qualcomm Incorporated |  | 8.8 | **Agreed** | **-** | - |
| S4-210303 | [FS\_5GMS-EXT] Key Topic Scalable distribution of unicast Live Services  | Qualcomm Incorporated |  | 8.8 | **Agreed** | **-** | - |
| S4-210304 | Clarification of EAS discovery solutions during UE mobility in SA2  | HUAWEI Technologies Japan K.K., BBC |  | 8.7 | **Agreed** | **-** | - |
| S4-210305 | Drat TR 26.804 v0.1.0 "Study on 5G media streaming extensions"  | Ericsson LM |  | 8.8 | **Available** | **-** | 16.8 |
| S4-210306 | [FS\_5GMS-EXT] Key Topic Content Preparation  | Qualcomm Incorporated, Tencent |  | 8.8 | **Available** | **-** | 16.8 |
| S4-210307 | [FS\_5GMS-EXT] Key Topic Traffic Identification | Qualcomm Incorporated, Ericsson LM |  | 8.8 | **Available** | **-** | 16.8 |
| S4-210308 | [FS\_5GMS\_Multicast] Interworking with EPC and enTV | Qualcomm Incorporated |  | 8.6 | **Agreed** | **-** | - |
| S4-210309 | Discussion on 3GPP OpenAPI documentation guidelines | Ericsson LM., …. |  | 8.5 | **Noted** | **-** | - |
| S4-210310 | Response LS to Liaison from DVB on Phase I technical specification “DVB-MABR” | Dolby Laboratories Inc. |  | 8.3 | **Agreed** | **-** | 5.3 |
| S4-210311 | Draft LS on App ID Usage in NEF Related Service API | HUAWEI Technologies Japan K.K. |  | 8.5 | **Agreed** | **-** | 14 |
| S4-210312 | Reply LS on Service Layer aspects for 5G MBS (to SA2) | Ericsson LM |  | 8.6 | Revised | S4-210319 | - |
| S4-210313 | Overview of concluded edge application relocation solutions in SA2 | HUAWEI Technologies Japan K.K. |  | 8.7 | **Agreed** | **-** | - |
| S4-210314 | MBS SWG report at SA4#112-e | Dolby Laboratories Inc. |  | 13.2 | **reserved** | **-** | 13.2 |
| S4-210317 | CR to TS 26.512 0008 Aggregated corrective CR(Rel-16) | Ericsson LM, BBC, Enensys Technologies, Qualcomm Incorporated |  | 8.5 | **Available** | **-** | 14 |
| S4-210319 | LS on Service Layer aspects for 5G MBS (to SA2) | Ericsson LM |  | 8.6 | **available** | **-** | 16.1 |
| S4-210320 | EMSA architecture  | Qualcomm Wireless GmbH |  | 8.7 | **Reserved** | **-** | 16.3 |
| S4-210321 | TR EMSA | Qualcomm Wireless GmbH |  | 8.7 | **Reserved** | **-** | 16.3 |
| S4-210322 | TP EMSA | Qualcomm Wireless GmbH |  | 8.7 | **Reserved** | **-** | 16.3 |
| S4-210323 | NOT USED by MBS SWG |  |  |  |  |  |  |
| S4-210324 | NOT USED by MBS SWG |  |  |  |  |  |  |
| S4-210325 | NOT USED by MBS SWG |  |  |  |  |  |  |
| S4-210326 | NOT USED by MBS SWG |  |  |  |  |  |  |
| S4-210327 | NOT USED by MBS SWG |  |  |  |  |  |  |
| S4-210328 | NOT USED by MBS SWG |  |  |  |  |  |  |

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