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

**Title: 3GPP SA4 MBS SWG report during SA4#117-e**

**Document for: Approval**

**Agenda item: 13.2**

Executive summary

* The 3GPP SA4 Multicast-Broadcast-Streaming (MBS) SWG at 3GPP SA4#117-e took place over 6 online sessions and email discussions from 14th to 22nd February 2022.
* 37 delegates attended the online sessions.
* 660 emails were sent during the email discussions
* 126 Tdocs were processed. 43 Tdocs were agreed. 39 Tdocs are sent to SA4 closing plenary among 15 were agreed at MBS SWG level.
* Incoming Liaison statements
  + LSs on 5MBS were postponed.
  + Replies have been prepared to LSs relating to QoE metrics reporting
* Rel-16 work and maintenance
  + (S4-220055) CR to TS 26.512 5GMS stage 3 on Correction to QoE metrics reporting client configuration
  + (S4-220238) CR to 26.512 5GMS stage 3 to add support for VR QoE metrics
  + (S4-220103->S4-220299) CR to 26.346 MBMS user Service on Missing XML Data Type for Attributes in MBMS USD
  + (S4-220283) CR to TS 26.247 adding support of per-slice QoE measurement
  + (S4-220306&S4-220307) CR to 26.501 5GMS Architecture on Correction 5GMS Client definition and clarification of reference point usage (Rel-16 and Rel-17)
* Rel-17 Work Items
  + TEI17
    - A CR to 26.347 was prepared on Extensions to MBMS-URLs for ROM Services (Rel-17)
  + EVEX (5GMS AF Event Exposure)
    - (S4-220052) Prepared an exception request to allow completion in June 2022. There are dependencies with CT3.
    - (S4-220244) Time plan updated
    - (S4-220231) CR to 26.512 prepared to specify the mapping of 5GMS to EVEX
    - (S4-220232) dCR to 26.501 prepared on Data collection and reporting for 5G Media Streaming
    - New draft TS 26.531 (S4-220243) prepared:
      * S4-aI211254 Domain model revisited.
      * S4-220240: Data exposure restriction model.
    - New draft TS 26.532 (S4-220242) prepared
  + 5MBUSA (5G Multicast-Broadcast User Service Architecture and related 5GMS Extensions)
    - (S4-220303) Draft CR to 26.501 5GMS Architecture on 5GMS via eMBMS prepared
    - (S4-220235) 3GPP TS 26.502 V1.1.0 5G multicast–broadcast services; User Service architecture, prepared.
    - (S4-220103) Time plan agreed
    - (S4-220304) LS (to 3GPP SA2, CT3, CT4) on 5MBS User Services
  + 5MBP3 (5G Multicast-Broadcast Protocols)
    - (S4-2200285) Prepared 3GPP TS 26.517 V0.1.0 5G Multicast-Broadcast User Services; Protocols and Formats (Rel-17) to be sent for information to SA.
    - (S4-220024) Exception request prepared
    - (S4-220022) Time plan prepared
  + 5GMS\_EDGE\_3 (Edge Extensions to 5GMS Stage 3)
    - (S4-220295) Prepared an exception request to allow completion in June 2022
    - CRs to 26.512 on Edge Provisioning for Media Services and Edge Configuration for 5G Media Services were postponed to the next meeting
* Study Items
  + FS\_5GMS\_EXT (Study on 5G media streaming extensions)
    - (S4-220248) 3GPP TR 26.804 v1.1.0 Study on 5G media streaming extensions (Release 17) prepared:
      * S4-220249: [FS\_5GMS-EXT] Updating existing specifications to allow HTTP/3
      * S4-220245r01: [FS\_5GMS\_EXT] TV-grade mass distribution of unicast Live Services
      * S4-220247: Conclusion for the BDT key issue
      * S4-220147: [FS\_5GMS\_EXT] Corrections and Conclusions for Traffic Identification KI
      * S4-220148: [FS\_5GMS\_EXT]: Per App authorization
      * S4-220172: Additional Potential Issues for Network Slicing Extensions
      * S4-220250: [FS\_5GMS\_EXT]: Conclusions
    - (S4-220305) LS (to 3GPP SA2, CT3) on Traffic Identification within 5G Media Streaming
  + FS\_NPN4AVProd (Feasibility Study on Media Production over 5G NPN)
    - (S4-220279) 3GPP TR 26.805 V1.1.0 Study on Media Production over 5G NPN Systems prepared based on agreed inputs:
      * S4aI211265: Structure update for TR 26.805
      * Editorial Corrections
      * S4aI221294: [FS\_NPN4AVProd] SMPTE audio metadata
      * S4-220029: [FS\_NPN4AVProd] mmWAVE for Media Production
      * S4-220059: Tunnelling RTP media sessions over QUIC
      * S4-220142: [FS\_NPN4AVProd]: Definition of Collaboration Scenarios
      * S4-220143: [FS\_NPN4AVProd]: Introduction to Candidate Solutions and updates to KI#2
    - (S4-220280) Agreed an updated time plan
    - (S4-220281) agreed an exception request to keep the TR published in Rel-17
  + FS\_5G\_MSE (Feasibility Study on 5G Media Service Enablers)
    - (S4-220282) 3GPP TR 26.857 V0.1.0 5G Media Service Enablers (Rel-18) – First draft TR with agreed outline prepared.
    - Initial timeplan prepared and agreed.
* Rel-18 Work
  + Received proposals on Study on Energy-aware 5G Media Streaming (S4-220139) and on new 5GMS extensions (S4-220070)
  + Agreed to prioritize Rel-17 completion and not start any new Rel-18 work before SA#120-e in the MBS SWG.
* Thanks to Mr. Richard Bradbury (BBC), Emmanuel Thomas (Xiaomi), Iraj Sodagar (Tencent), Charles Lo (Qualcomm) Thorsten Lohmar (Ericsson) and Thomas Stockhammer (Qualcomm) for their support for minutes, report structuring and documenting e-mail agreements.

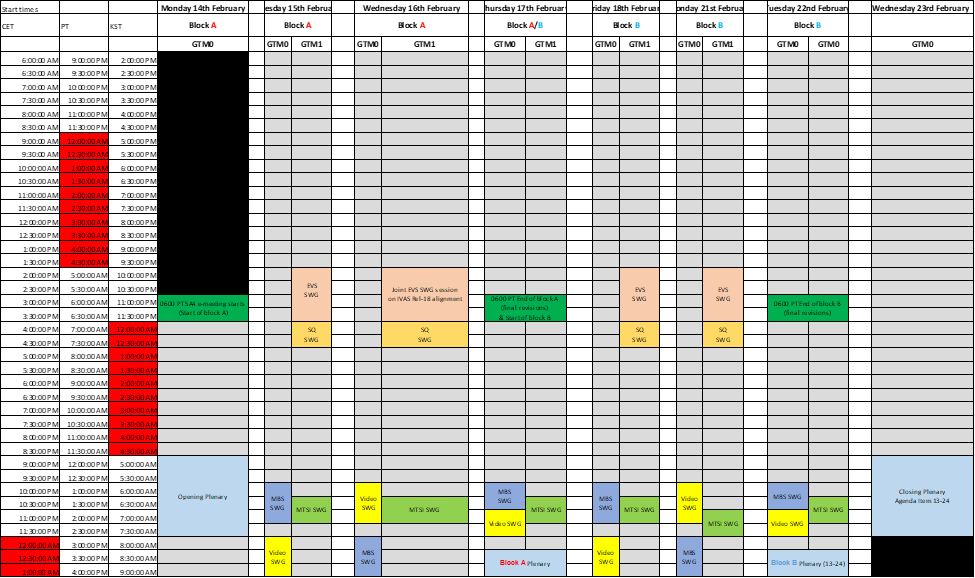
MBS SWG Minutes during SA4#117e

## 8.1 Opening of the session

Mr. Frédéric Gabin (Dolby, Chairman of MBS SWG) opened the telco sessions on 15th February 2022 at 2200 CET.

E-mail agreement process had started on Monday 14th Feb. 2022 at 1500 CET.

**Schedule:**



Mr. Richard Bradbury (BBC), Emmanuel Thomas (Xiaomi), Iraj Sodagar (Tencent), Charles Lo and Thorsten Lohmar are assigned as scribes. Mr. Thomas Stockhammer (Qualcomm) supports offline report structuring and adding e-mail agreements.

The minutes are shared [MBS SWG Minutes during SA4#117e](https://docs.google.com/document/d/1P2I7uLxPxEguO7j9DRLmIo25fCa2GkIbRTvhu5QAptg/edit?usp=sharing)

Attendance is tracked [here](#xqropayovvo9).

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

* https://list.etsi.org/scripts/wa.exe?A1=ind2202B&L=3GPP\_TSG\_SA\_WG4\_MBS
* <https://list.etsi.org/scripts/wa.exe?A1=ind2202C&L=3GPP_TSG_SA_WG4_MBS>
* https://list.etsi.org/scripts/wa.exe?A1=ind2202D&L=3GPP\_TSG\_SA\_WG4\_MBS

The latest timestamp for e-mail is here: Wed, 23 Feb 2022 13:31:20 +0000

The agenda and the registration of documents are agreed.

## 8.2 Registration of documents

|  |  |  |  |
| --- | --- | --- | --- |
| 8 | Multicast-Broadcast-Streaming (MBS) SWG |  |  |
| 8.1 | Opening of the session |  |  |
| 8.2 | Registration of documents |  |  |
| 8.3 | Reports/Liaisons from other groups/meetings | A | 115, 116, 117, 118  5MBS:  S4-211459 -> 005 -> MBS SWG  003 -> MBS SWG  009 -> MBS SWG    QoE:  S4-211466 -> 011 -> MBS SWG  007 -> MBS SWG  S4-211461 -> 008 -> MBS SWG  014 -> MBS SWG  015 -> MBS SWG  188 -> MBS SWG  190 -> MBS SWG  191 -> MBS SWG  101 (DVB TM – MCast) -> MBS SWG |
| 8.4 | Issues for immediate consideration |  |  |
| 8.5 | CRs to features in Release 16 and earlier | A | 26.512: 055, 137  26.346: 103,  26.247: 119, 120,  26.501: 121, 151 |
| 8.6 | EVEX (5GMS AF Event Exposure) | A | 26.512: 053,  26.501: 058,  26.532: 071, 100  26.531: 099    051, 052, 063, 156, 159 |
| 8.7 | 5MBUSA (5G Multicast-Broadcast User Service Architecture and related 5GMS Extensions) | A | 26.501: 018, 019, 020, 021,  26.502: 056, 057, 112, 123, 149, 150  DP: 114  TP: 108 |
| 8.8 | 5MBP3 (5G Multicast-Broadcast Protocols) | A | DP: 023,  TP: 022,  ER: 024,  26.517: 141 |
| 8.9 | 5GMS\_EDGE\_3 (Edge Extensions to 5GMS Stage 3) | A | 26.512: 075, 076  DP: 083, 176  ER: 077  177 |
| 8.10 | FS\_5GMS\_EXT (Study on 5G media streaming extensions) | B | 027, 072, 078, 147, 148, 172, 173  025, 026, 107! |
| 8.11 | FS\_NPN4AVProd (Feasibility Study on Media Production over 5G NPN) | B | 028, 029, 059, 136, 142, 143, 144, 145, 146 |
| 8.12 | FS\_5G\_MSE (Feasibility Study on 5G Media Service Enablers) | B | 030, 031, 032 |
| 8.13 | New Work / New Work Items and Study Items | B | Scheduling: 033  NEXT: 070  FS\_5GMS-EA: 139 |
| 8.14 | Others including TEI | B | 066, 067  186 |
| 8.15 | Review of the future work plan (next meeting dates, hosts) |  |  |
| 8.16 | Any Other Business |  |  |
| 8.17 | Close of the session |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| TDoc | Title | Source | Agenda item |
| [S4-211459](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211459.zip) | LS on the MBS broadcast service continuity and MBS session identification | RAN2 | 5.2 |
| [S4-211461](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211461.zip) | Reply LS on QoE configuration and reporting related issues | RAN3 | 5.2 |
| [S4-211466](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_116-e/Docs/S4-211466.zip) | Reply LS on QoE report handling at QoE pause | SA5 | 5.2 |
| [S4-220003](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220003.zip) | Reply LS on 5MBS preparation of stage 3 work split between SA4 and CT3 | 3GPP CT4 | 5.2 |
| [S4-220005](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220005.zip) | LS on the MBS broadcast service continuity and MBS session identification | 3GPP RAN2 | 5.2 |
| [S4-220006](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220006.zip) | LS on RAN visible QoE | 3GPP RAN2 | 5.2 |
| [S4-220007](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220007.zip) | LS on SA4 requirements for QoE | 3GPP RAN2 | 5.2 |
| [S4-220008](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220008.zip) | Reply LS on QoE configuration and reporting related issues | 3GPP RAN3 | 5.2 |
| [S4-220009](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220009.zip) | Reply LS on maximum number of MBS sessions that can be associated to a PDU session | 3GPP SA2 | 5.2 |
| [S4-220013](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220013.zip) | LS on the mapping between service types and slice at application | 3GPP SA5 | 5.2 |
| [S4-220014](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220014.zip) | LS on QoE configuration and reporting related issues | 3GPP SA5 | 5.2 |
| [S4-220015](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220015.zip) | LS Reply on QoE report handling at QoE pause | 3GPP SA5 | 5.2 |
| [S4-220188](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220188.zip) | Further reply on QoE report handling at QoE pause | 3GPP RAN2 | 5.2 |
| [S4-220190](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220190.zip) | Reply LS on maximum container size for QoE configuration and report | 3GPP RAN2 | 5.2 |
| [S4-220101](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220101.zip) | LS on Content Encdoing In MBMS FLUTE | 3GPP MCC | 5.3 |
| [S4-220183](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220183.zip) | LS on Subject Audio Background Noise Verification | 3GPP MCC | 5.3 |
| [S4-220191](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220191.zip) | Reply LS on RAN visible QoE | 3GPP RAN2 | 5.3 |
| [S4-220115](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220115.zip) | Overview of potential impacts of NR QoE on SA4 | Huawei, HiSilicon, China Unicom | 8.3 |
| [S4-220116](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220116.zip) | draft LS Reply on maximum container size for QoE configuration and report | Huawei, HiSilicon | 8.3 |
| [S4-220117](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220117.zip) | draft LS Reply on QoE configuration and reporting related issues | Huawei, HiSilicon | 8.3 |
| [S4-220118](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220118.zip) | draft LS Reply on SA4 requirements on QoE | Huawei, HiSilicon | 8.3 |
| [S4-220055](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220055.zip) | [5GMS3] Correction to QoE metrics reporting client configuration | BBC | 8.5 |
| [S4-220103](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220103.zip) | Missing XML Data Type for Attributes in MBMS USD | Qualcomm Incorporated | 8.5 |
| [S4-220119](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220119.zip) | CR-26.247 Add support of per-slice QoE measurement | Huawei, HiSilicon | 8.5 |
| [S4-220120](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220120.zip) | CR-26.247 support of RAN Visible QoE | Huawei, HiSilicon | 8.5 |
| [S4-220121](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220121.zip) | CR-26.501 suppor of per-slice metrics reporting | Huawei, HiSilicon | 8.5 |
| [S4-220137](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220137.zip) | Add support for VR QoE metrics | Ericsson LM | 8.5 |
| [S4-220151](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220151.zip) | [5MSA]: Correction 5GMS Client definition and clarification of reference point usage | Ericsson LM | 8.5 |
| S4-220051 | [EVEX] Proposed Time Plan | Qualcomm Incorporated | 8.6 |
| [S4-220052](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220052.zip) | [EVEX] Proposed Exception Sheet | Qualcomm Incorporated | 8.6 |
| [S4-220053](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220053.zip) | [EVEX] Stage 2/3 on Data collection and reporting for 5G Media Streaming | Qualcomm Incorporated, BBC | 8.6 |
| [S4-220058](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220058.zip) | [EVEX] Data collection and reporting for 5G Media Streaming | BBC, Qualcomm Incorporated | 8.6 |
| S4-220063 | [EVEX] Proposed Editor's Update to TS 26.532 | Qualcomm Incorporated | 8.6 |
| [S4-220071](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220071.zip) | [EVEX] TS 26.532: Proposed Editor's Update as V0.2.1 | Qualcomm Incorporated | 8.6 |
| [S4-220099](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220099.zip) | Access restrictions in EVEX - Stage 2 | QUALCOMM Europe Inc. - Italy | 8.6 |
| [S4-220100](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220100.zip) | Access restrictions in EVEX - Stage 3 | QUALCOMM Europe Inc. - Italy | 8.6 |
| S4-220156 | [EVEX] Data Collection, Reporting and Exposure in 5GMS | Qualcomm Incorporated | 8.6 |
| [S4-220159](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220159.zip) | [EVEX] Additional Stage 2 and Stage 3 Text for TS 26.532 | Qualcomm Incorporated | 8.6 |
| [S4-220018](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220018.zip) | [5MBUSA] 5GMS via eMBMS - Architecture, Broadcast and Reporting | Qualcomm Incorporated | 8.7 |
| [S4-220019](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220019.zip) | [5MBUSA] 5GMS via eMBMS - Broadcast on Demand | Qualcomm Incorporated | 8.7 |
| [S4-220020](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220020.zip) | [5MBUSA] 5GMS via eMBMS - Hybrid Services | Qualcomm Incorporated | 8.7 |
| [S4-220021](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220021.zip) | [5MBUSA] Collaboration Model for 5GMS via eMBMS | Qualcomm Incorporated | 8.7 |
| [S4-220056](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220056.zip) | [5MBUSA] Static domain model and baseline parameters | BBC, Ericsson LM | 8.7 |
| [S4-220057](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220057.zip) | [5MBUSA] MBS Distribution Session life-cycle model | BBC | 8.7 |
| [S4-220108](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220108.zip) | [5MBUSA] Updated Work and Time Plan | TELUS | 8.7 |
| [S4-220112](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220112.zip) | [5MBUSA] Proposed Updates to TS26.502 | Qualcomm Incorporated | 8.7 |
| [S4-220114](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220114.zip) | Discussion on the Nmb10 service design | Huawei, HiSilicon | 8.7 |
| [S4-220123](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220123.zip) | pCR to TS 26.502 support of interworking with LTE MBMS | Huawei, HiSilicon | 8.7 |
| [S4-220149](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220149.zip) | [5MBUSA]: Clause 8: Network Function Services | Ericsson LM | 8.7 |
| [S4-220150](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220150.zip) | [5MBUSA]: Annex B: Nmb8 User Plane ingest examples | Ericsson LM | 8.7 |
| [S4-220022](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220022.zip) | [5MBP3] Proposed Time Plan | Qualcomm Incorporated | 8.8 |
| [S4-220023](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220023.zip) | [5MBP3] Proposed Specification Work | Qualcomm Incorporated | 8.8 |
| [S4-220024](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220024.zip) | [5MBP3] Proposed Exception Sheet | Qualcomm Incorporated | 8.8 |
| [S4-220141](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220141.zip) | Skeleton TS 26.517 "5G Multicast-Broadcast User Services; Protocols and Formats" | BBC (editor) | 8.8 |
| [S4-220075](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220075.zip) | Edge Provisioning for Media Services | QUALCOMM Europe Inc. - Italy | 8.9 |
| [S4-220076](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220076.zip) | Edge Configuration for 5G Media Services | QUALCOMM Europe Inc. - Italy | 8.9 |
| [S4-220077](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220077.zip) | exception sheet for EDGE\_3 | QUALCOMM Europe Inc. - Italy | 8.9 |
| [S4-220083](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220083.zip) | [EDGE] Triggering discussion on triggering edge servers | Tencent Cloud | 8.9 |
| [S4-220176](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220176.zip) | Edge-related APIs in M6 | QUALCOMM Europe Inc. - Italy | 8.9 |
| S4-220177 | OpenAPI and yaml for Edge APIs | QUALCOMM Europe Inc. - Italy | 8.9 |
| S4-220025 | [FS\_5GMS-EXT] Key Topic Content Aware Streaming | Qualcomm Incorporated | 8.10 |
| S4-220026 | [FS\_5GMS-EXT] Key Topic Support for encrypted and high-value content | Qualcomm Incorporated | 8.10 |
| [S4-220027](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220027.zip) | [FS\_5GMS\_EXT] TV-grade mass distribution of unicast Live Services | Qualcomm Incorporated | 8.10 |
| [S4-220072](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220072.zip) | [FS\_5GMS\_EXT] Updated Workplan | Tencent Cloud | 8.10 |
| [S4-220078](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220078.zip) | Proposed conclusion on BDT | QUALCOMM Europe Inc. - Italy | 8.10 |
| [S4-220107](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220107.zip) | [FS\_5GMS-EXT] Updating existing specifications to allow HTTP/3 | Tencent | 8.10 |
| [S4-220147](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220147.zip) | [FS\_5GMS\_EXT]: Corrections and Conclusions for Traffic Identification KI | Ericsson LM | 8.10 |
| [S4-220148](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220148.zip) | [FS\_5GMS\_EXT]: Per App authorization | Ericsson LM | 8.10 |
| [S4-220172](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220172.zip) | Additional Potential Issues for Network Slicing Extensions | Samsung Electronics Co. Ltd., Qualcomm Incorporated | 8.10 |
| [S4-220173](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220173.zip) | Use cases for Network Slicing Extensions for 5G Media Streaming | Samsung Electronics Co., Ltd. | 8.10 |
| [S4-220028](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220028.zip) | [FS\_NPN4AVProd] Proposed Communication with SA2 | Qualcomm Incorporated | 8.11 |
| [S4-220029](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220029.zip) | [FS\_NPN4AVProd] mmWAVE for Media Production | Qualcomm Incorporated | 8.11 |
| [S4-220059](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220059.zip) | [FS\_NPN4AVProd] Tunnelling RTP media sessions over QUIC | BBC | 8.11 |
| [S4-220136](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220136.zip) | TR 26.805 v1.0.2 | Ericsson GmbH, Eurolab | 8.11 |
| [S4-220142](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220142.zip) | [FS\_NPN4AVProd]: Definition of Collaboration Scenarios | Ericsson LM, BBC, EBU | 8.11 |
| [S4-220143](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220143.zip) | [FS\_NPN4AVProd]: Introduction to Candidate Solutions and updates to KI#2 | Ericsson LM, BBC, EBU | 8.11 |
| [S4-220144](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220144.zip) | [FS\_NPN4AVProd]: Summary of 5G MAG Workshops | Ericsson LM, BBC, EBU, 5G-MAG | 8.11 |
| [S4-220145](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220145.zip) | [FS\_NPN4AVProd]: Updated Time and Work Plan for FS\_NPN4AVProd | Ericsson LM | 8.11 |
| [S4-220146](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220146.zip) | [FS\_NPN4AVProd]: Exception Sheet | Ericsson LM | 8.11 |
| [S4-220030](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220030.zip) | [FS\_5G\_MSE] Proposed Time Plan | Qualcomm Incorporated | 8.12 |
| [S4-220031](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220031.zip) | [FS\_5G\_MSE] TR 26.857 v0.0.1 | Qualcomm Incorporated | 8.12 |
| [S4-220032](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220032.zip) | [FS\_5G\_MSE] Some Ideas around MSE | Qualcomm Incorporated | 8.12 |
| [S4-220033](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220033.zip) | Proposal for Rel-18 MBS WID scheduling | Qualcomm Incorporated | 8.13 |
| [S4-220070](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220070.zip) | WID on new 5GMS extensions (NEXT) | Tencent Cloud | 8.13 |
| [S4-220139](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220139.zip) | Study on Energy-aware 5G Media Streaming | InterDigital Communications | 8.13 |
| [S4-220066](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220066.zip) | [TEI-17+TRAPI] Extensions to MBMS-URLs for ROM Services | Qualcomm Incorporated | 8.14 |
| [S4-220067](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220067.zip) | Background on Extensions to MBMS-URLs for ROM Services | Qualcomm Incorporated | 8.14 |
| [S4-220186](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220186.zip) | Requirement on UE Behavior regarding QoE Measurement and Reporting | Qualcomm Incorporated | 8.14 |

## 8.3 Reports/Liaisons from other groups/meetings

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| [S4-220003](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220003.zip) | Reply LS on 5MBS preparation of stage 3 work split between SA4 and CT3 | 3GPP CT4 | Jayeeta Saha |

**E-mail Discussion:**

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| [[8.3 LSs; 003; Block A; 16Feb 2000 CET] Reply LS on 5MBS preparation of stage 3 work split between SA4 and CT3 -> for reply](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;fefa539e.2202C&S=) | Gabin, Frederic | Tue, 15 Feb 2022 10:56:39 +0000 |
| [[8.3 LSs; 003; Block A; 16Feb 2000 CET] Reply LS on 5MBS preparation of stage 3 work split between SA4 and CT3 -> for reply](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;d921f20f.2202C&S=) | Richard Bradbury | Tue, 15 Feb 2022 18:03:00 +0000 |
| [[8.3 LSs; 003; Block A; 16Feb 2000 CET] Reply LS on 5MBS preparation of stage 3 work split between SA4 and CT3 -> for reply](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;e6adb841.2202C&S=) | Gabin, Frederic | Wed, 16 Feb 2022 22:27:40 +0000 |
| [[8.3 LSs; 003; Block A; 16Feb 2000 CET] Reply LS on 5MBS preparation of stage 3 work split between SA4 and CT3 -> for reply](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;2a3762cc.2202D&S=) | Gabin, Frederic | Tue, 22 Feb 2022 20:10:45 +0000 |

**Revisions:**

· none

**Online Discussion:**

· none

**Decision:**

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**S4-220003** is **postponed.**

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| [S4-220005](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220005.zip) | LS on the MBS broadcast service continuity and MBS session identification | 3GPP RAN2 | Jayeeta Saha |

**E-mail Discussion:**

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| [[8.3 LSs; 005; Block A; 16Feb 2000 CET] LS on the MBS broadcast service continuity and MBS session identification -> for reply](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;c96e6b15.2202C&S=) | Gabin, Frederic | Tue, 15 Feb 2022 10:56:33 +0000 |
| [[8.3 LSs; 005; Block A; 16Feb 2000 CET] LS on the MBS broadcast service continuity and MBS session identification -> for reply](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;d30dd828.2202C&S=) | Gabin, Frederic | Wed, 16 Feb 2022 22:26:05 +0000 |
| [[8.3 LSs; 005; Block A; 16Feb 2000 CET] LS on the MBS broadcast service continuity and MBS session identification -> for reply](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;142d0c9f.2202D&S=) | Gabin, Frederic | Tue, 22 Feb 2022 20:09:57 +0000 |

**Revisions:**

· none

**Online Discussion:**

· none

**Decision:**

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**S4-220005** is **postponed.**

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| [S4-220007](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220007.zip) | LS on SA4 requirements for QoE | 3GPP RAN2 | Jayeeta Saha |

**E-mail Discussion:**

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| [[8.3 LSs; 007, 118; Block A; 16Feb 2000 CET] LSs on SA4 requirements for QoE -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;c2dbfa88.2202C&S=) | Gabin, Frederic | Tue, 15 Feb 2022 16:57:34 +0000 |
| [[8.3 LSs; 007, 118; Block A; 16Feb 2000 CET] LSs on SA4 requirements for QoE -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;f73e55cb.2202C&S=) | Charles Lo | Tue, 15 Feb 2022 17:19:20 +0000 |
| [[8.3 LSs; 007, 118; Block A; 16Feb 2000 CET] LSs on SA4 requirements for QoE -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;78f34c85.2202C&S=) | Gunnar Heikkilä | Tue, 15 Feb 2022 18:33:56 +0000 |
| [[8.3 LSs; 007, 118; Block A; 16Feb 2000 CET] LSs on SA4 requirements for QoE -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;d87b62a9.2202C&S=) | Charles Lo | Tue, 15 Feb 2022 18:50:22 +0000 |
| [[8.3 LSs; 007, 118; Block A; 16Feb 2000 CET] LSs on SA4 requirements for QoE -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;ccee7b7a.2202C&S=) | Gunnar Heikkilä | Tue, 15 Feb 2022 18:56:17 +0000 |
| [[8.3 LSs; 007, 118; Block A; 16Feb 2000 CET] LSs on SA4 requirements for QoE -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;4032fa86.2202C&S=) | panqi (E) | Wed, 16 Feb 2022 10:23:04 +0000 |
| [[8.3 LSs; 007, 118; Block A; 16Feb 2000 CET] LSs on SA4 requirements for QoE -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;e7130355.2202C&S=) | Hyung-Nam Choi5 | Wed, 16 Feb 2022 18:43:56 +0000 |
| [[8.3 LSs; 007, 118; Block A; 16Feb 2000 CET] LSs on SA4 requirements for QoE -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;1c9c246b.2202C&S=) | panqi (E) | Wed, 16 Feb 2022 22:08:03 +0000 |
| [[8.3 LSs; 007, 118; Block A; 16Feb 2000 CET] LSs on SA4 requirements for QoE -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;2c938a4b.2202C&S=) | Gabin, Frederic | Wed, 16 Feb 2022 22:30:34 +0000 |
| [[8.3 LSs; 007, 118->236; Block A; 16Feb 2000 CET] LSs on SA4 requirements for QoE -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;94f38766.2202C&S=) | panqi (E) | Thu, 17 Feb 2022 13:26:41 +0000 |

**Revisions:**

· none

**Online Discussion:**

· none

**Decision:**

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**S4-220007** is **replied to in S4-220118.**

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| [S4-220008](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220008.zip) | Reply LS on QoE configuration and reporting related issues | 3GPP RAN3 | Jayeeta Saha |

**E-mail Discussion:**

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| [[8.3 LSs; 008, 014, 117; Block A; 16Feb 2000 CET] LSs on QoE configuration and reporting related issues -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;cc9bd5d4.2202C&S=) | Gabin, Frederic | Tue, 15 Feb 2022 16:52:56 +0000 |
| [[8.3 LSs; 008, 014, 117; Block A; 16Feb 2000 CET] LSs on QoE configuration and reporting related issues -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;a3b0e215.2202C&S=) | Gabin, Frederic | Wed, 16 Feb 2022 22:32:10 +0000 |
| [[8.3 LSs; 008, 014, 117; Block A; 16Feb 2000 CET] LSs on QoE configuration and reporting related issues -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;dc31b7f0.2202C&S=) | Charles Lo | Wed, 16 Feb 2022 22:46:11 +0000 |
| [[8.3 LSs; 008, 014, 117; Block A; 16Feb 2000 CET] LSs on QoE configuration and reporting related issues -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;3102e566.2202C&S=) | Gunnar Heikkilä | Wed, 16 Feb 2022 22:54:33 +0000 |
| [[8.3 LSs; 008, 014, 117; Block A; 16Feb 2000 CET] LSs on QoE configuration and reporting related issues -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;6178f1b7.2202C&S=) | Gabin, Frederic | Wed, 16 Feb 2022 22:55:02 +0000 |
| [[8.3 LSs; 008, 014, 117; Block A; 16Feb 2000 CET] LSs on QoE configuration and reporting related issues -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;27625cae.2202C&S=) | panqi (E) | Mon, 21 Feb 2022 21:56:37 +0000 |
| [[8.3 LSs; 008, 014, 117; Block A; 16Feb 2000 CET] LSs on QoE configuration and reporting related issues -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;f592ac7b.2202C&S=) | Gunnar Heikkilä | Mon, 21 Feb 2022 22:05:44 +0000 |
| [[8.3 LSs; 008, 014, 117; Block A; 16Feb 2000 CET] LSs on QoE configuration and reporting related issues -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;2e98930c.2202C&S=) | Charles Lo | Mon, 21 Feb 2022 22:33:13 +0000 |
| [[8.3 LSs; 008, 014, 117; Block A; 16Feb 2000 CET] LSs on QoE configuration and reporting related issues -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;ddc867b0.2202C&S=) | panqi (E) | Mon, 21 Feb 2022 22:43:55 +0000 |
| [[8.3 LSs; 008, 014, 117; Block A; 16Feb 2000 CET] LSs on QoE configuration and reporting related issues -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;cd6a0088.2202D&S=) | Gabin, Frederic | Tue, 22 Feb 2022 20:14:52 +0000 |
| [[8.3 LSs; 008, 014, 117; Block A; 16Feb 2000 CET] LSs on QoE configuration and reporting related issues -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;92c82998.2202D&S=) | panqi (E) | Tue, 22 Feb 2022 20:58:49 +0000 |
| [[8.3 LSs; 008, 014, 117; Block A; 16Feb 2000 CET] LSs on QoE configuration and reporting related issues -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;4b001fb7.2202D&S=) | Gabin, Frederic | Tue, 22 Feb 2022 22:14:27 +0000 |
| [[8.3 LSs; 008, 014, 117; Block A; 16Feb 2000 CET] LSs on QoE configuration and reporting related issues -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;3a0efc5a.2202D&S=) | panqi (E) | Tue, 22 Feb 2022 22:26:32 +0000 |

**Revisions:**

· none

**Online Discussion:**

· none

**Decision:**

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**S4-220008** is **replied to in S4-220117.**

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| [S4-220009](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220009.zip) | Reply LS on maximum number of MBS sessions that can be associated to a PDU session | 3GPP SA2 | Jayeeta Saha |

**E-mail Discussion:**

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| [[8.3 LSs; 009; Block A; 16Feb 2000 CET] Reply LS on maximum number of MBS sessions that can be associated to a PDU session -> for reply](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;210978bc.2202C&S=) | Gabin, Frederic | Tue, 15 Feb 2022 10:56:45 +0000 |
| [[8.3 LSs; 009; Block A; 16Feb 2000 CET] Reply LS on maximum number of MBS sessions that can be associated to a PDU session -> for reply](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;82cce8e5.2202C&S=) | Gabin, Frederic | Wed, 16 Feb 2022 22:28:19 +0000 |
| [[8.3 LSs; 009; Block A; 16Feb 2000 CET] Reply LS on maximum number of MBS sessions that can be associated to a PDU session -> for reply](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;147f0f60.2202D&S=) | Gabin, Frederic | Tue, 22 Feb 2022 20:11:26 +0000 |

**Revisions:**

· none

**Online Discussion:**

· none

**Decision:**

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**S4-220009** is **postponed.**

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| [S4-220011](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220011.zip) | Reply LS on QoE report handling at QoE pause | 3GPP SA5 | Jayeeta Saha |

**E-mail Discussion:**

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| [[8.3 LSs; 011, 015, 188; Block A; 16Feb 2300 CET] LSs on QoE report handling at QoE pause -> for information](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;5e16c17.2202C&S=) | Gabin, Frederic | Tue, 15 Feb 2022 23:25:09 +0000 |
| [[8.3 LSs; 011, 015, 188; Block A; 16Feb 2300 CET] LSs on QoE report handling at QoE pause -> for information](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;2ba72d8c.2202C&S=) | Gabin, Frederic | Wed, 16 Feb 2022 22:29:09 +0000 |

**Revisions:**

· none

**Online Discussion:**

· none

**Decision:**

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**S4-220011** is **noted.**

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| [S4-220014](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220014.zip) | LS on QoE configuration and reporting related issues | 3GPP SA5 | Jayeeta Saha |

**E-mail Discussion:**

**Revisions:**

· none

**Online Discussion:**

· none

**Decision:**

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**S4-220014** is **noted.**

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| [S4-220015](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220015.zip) | LS Reply on QoE report handling at QoE pause | 3GPP SA5 | Jayeeta Saha |

**E-mail Discussion:**

**Revisions:**

· none

**Online Discussion:**

· none

**Decision:**

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**S4-22015** is **noted.**

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| [S4-220188](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220188.zip) | Further reply on QoE report handling at QoE pause | 3GPP RAN2 | Jayeeta Saha |

**E-mail Discussion:**

**Revisions:**

· none

**Online Discussion:**

· none

**Decision:**

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**S4-220188** is **noted.**

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| [S4-220190](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220190.zip) | Reply LS on maximum container size for QoE configuration and report | 3GPP RAN2 | Jayeeta Saha |

**E-mail Discussion:**

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| [[8.3 LSs; 190, 116; Block A; 16Feb 2000 CET] LSs on maximum container size for QoE configuration and report -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;25976d3d.2202C&S=) | Gabin, Frederic | Tue, 15 Feb 2022 17:09:23 +0000 |
| [[8.3 LSs; 190, 116; Block A; 16Feb 2000 CET] LSs on maximum container size for QoE configuration and report -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;d7cc16dd.2202C&S=) | Hyung-Nam Choi5 | Tue, 15 Feb 2022 19:02:49 +0000 |
| [[8.3 LSs; 190, 116; Block A; 16Feb 2000 CET] LSs on maximum container size for QoE configuration and report -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;2b4b6ae.2202C&S=) | Charles Lo | Tue, 15 Feb 2022 21:33:45 +0000 |
| [[8.3 LSs; 190, 116; Block A; 16Feb 2000 CET] LSs on maximum container size for QoE configuration and report -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;5f5da54b.2202C&S=) | panqi (E) | Wed, 16 Feb 2022 00:06:54 +0000 |
| [[8.3 LSs; 190, 116; Block A; 16Feb 2000 CET] LSs on maximum container size for QoE configuration and report -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;d3ab9a15.2202C&S=) | Charles Lo | Wed, 16 Feb 2022 02:35:05 +0000 |
| [[8.3 LSs; 190, 116; Block A; 16Feb 2000 CET] LSs on maximum container size for QoE configuration and report -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;5a9d07a7.2202C&S=) | panqi (E) | Wed, 16 Feb 2022 10:29:20 +0000 |
| [[8.3 LSs; 190, 116; Block A; 16Feb 2000 CET] LSs on maximum container size for QoE configuration and report -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;fe725f37.2202C&S=) | Gunnar Heikkilä | Wed, 16 Feb 2022 10:56:59 +0000 |
| [[8.3 LSs; 190, 116; Block A; 16Feb 2000 CET] LSs on maximum container size for QoE configuration and report -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;76e9afb.2202C&S=) | Hyung-Nam Choi5 | Wed, 16 Feb 2022 14:24:02 +0000 |
| [[8.3 LSs; 190, 116; Block A; 16Feb 2000 CET] LSs on maximum container size for QoE configuration and report -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;413a17ad.2202C&S=) | Gunnar Heikkilä | Wed, 16 Feb 2022 15:04:16 +0000 |
| [[8.3 LSs; 190, 116; Block A; 16Feb 2000 CET] LSs on maximum container size for QoE configuration and report -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;87a8cd27.2202C&S=) | Hyung-Nam Choi5 | Wed, 16 Feb 2022 15:11:35 +0000 |
| [[8.3 LSs; 190, 116; Block A; 16Feb 2000 CET] LSs on maximum container size for QoE configuration and report -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;34a22c5c.2202C&S=) | Gunnar Heikkilä | Wed, 16 Feb 2022 15:15:15 +0000 |
| [[8.3 LSs; 190, 116; Block A; 16Feb 2000 CET] LSs on maximum container size for QoE configuration and report -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;41864a91.2202C&S=) | panqi (E) | Wed, 16 Feb 2022 15:42:07 +0000 |
| [[8.3 LSs; 190, 116; Block A; 16Feb 2000 CET] LSs on maximum container size for QoE configuration and report -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;3699d929.2202C&S=) | Gunnar Heikkilä | Wed, 16 Feb 2022 15:48:01 +0000 |
| [[8.3 LSs; 190, 116; Block A; 16Feb 2000 CET] LSs on maximum container size for QoE configuration and report -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;3ecf2c84.2202C&S=) | panqi (E) | Wed, 16 Feb 2022 16:24:28 +0000 |
| [[8.3 LSs; 190, 116; Block A; 16Feb 2000 CET] LSs on maximum container size for QoE configuration and report -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;11ec231d.2202C&S=) | Charles Lo | Wed, 16 Feb 2022 18:19:19 +0000 |
| [[8.3 LSs; 190, 116; Block A; 16Feb 2000 CET] LSs on maximum container size for QoE configuration and report -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;a317af47.2202C&S=) | Charles Lo | Wed, 16 Feb 2022 18:41:38 +0000 |
| [[8.3 LSs; 190, 116; Block A; 16Feb 2000 CET] LSs on maximum container size for QoE configuration and report -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;9cf70070.2202C&S=) | Charles Lo | Wed, 16 Feb 2022 20:29:57 +0000 |
| [[8.3 LSs; 190, 116; Block A; 16Feb 2000 CET] LSs on maximum container size for QoE configuration and report -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;fd12f47.2202C&S=) | Gabin, Frederic | Wed, 16 Feb 2022 22:35:45 +0000 |
| [[8.3 LSs; 190, 116; Block A; 16Feb 2000 CET] LSs on maximum container size for QoE configuration and report -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;3b8fab31.2202C&S=) | panqi (E) | Wed, 16 Feb 2022 22:44:23 +0000 |
| [[8.3 LSs; 190, 116; Block A; 16Feb 2000 CET] LSs on maximum container size for QoE configuration and report -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;4e86398.2202C&S=) | panqi (E) | Thu, 17 Feb 2022 13:35:11 +0000 |
| [[8.3 LSs; 190, 116; Block A; 16Feb 2000 CET] LSs on maximum container size for QoE configuration and report -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;e87c0677.2202C&S=) | Hyung-Nam Choi5 | Thu, 17 Feb 2022 16:47:42 +0000 |
| [[8.3 LSs; 190, 116; Block A; 16Feb 2000 CET] LSs on maximum container size for QoE configuration and report -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;f598a4f8.2202C&S=) | Charles Lo | Thu, 17 Feb 2022 18:15:09 +0000 |
| [[8.3 LSs; 190, 116; Block A; 16Feb 2000 CET] LSs on maximum container size for QoE configuration and report -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;9f96e888.2202C&S=) | Gunnar Heikkilä | Thu, 17 Feb 2022 20:04:26 +0000 |
| [[8.3 LSs; 190, 116; Block A; 16Feb 2000 CET] LSs on maximum container size for QoE configuration and report -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;bdc2111.2202C&S=) | Gunnar Heikkilä | Thu, 17 Feb 2022 20:16:37 +0000 |
| [[8.3 LSs; 190, 116->237; Block A; 16Feb 2000 CET] LSs on maximum container size for QoE configuration and report -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;14f412de.2202C&S=) | panqi (E) | Thu, 17 Feb 2022 23:10:39 +0000 |
| [[8.3 LSs; 190, 116->237; Block A; 16Feb 2000 CET] LSs on maximum container size for QoE configuration and report -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;8321beec.2202D&S=) | Charles Lo | Tue, 22 Feb 2022 18:12:26 +0000 |
| [[8.3 LSs; 190, 116->237; Block A; 16Feb 2000 CET] LSs on maximum container size for QoE configuration and report -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;cacc386c.2202D&S=) | Gunnar Heikkilä | Tue, 22 Feb 2022 18:39:35 +0000 |
| [[8.3 LSs; 190, 116->237; Block A; 16Feb 2000 CET] LSs on maximum container size for QoE configuration and report -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;b3d57f33.2202D&S=) | Gabin, Frederic | Tue, 22 Feb 2022 20:16:15 +0000 |

**Revisions:**

· none

**Online Discussion:**

· none

**Decision:**

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**S4-220190** is **replied to in S4-220116**

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| --- | --- | --- | --- |
| [S4-220101](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220101.zip) | LS on Content Encoding In MBMS FLUTE | 3GPP MCC | Jayeeta Saha |

**E-mail Discussion:**

|  |  |  |
| --- | --- | --- |
| [[8.3 LSs; 101; Block A; 16Feb 2300 CET] LS concerning content encoding in MBMS FLUTE-> for action](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;f8506e4.2202C&S=) | Gabin, Frederic | Tue, 15 Feb 2022 23:25:23 +0000 |
| [[8.3 LSs; 101; Block A; 16Feb 2300 CET] LS concerning content encoding in MBMS FLUTE-> for action](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;de14fab.2202C&S=) | Thomas Stockhammer | Wed, 16 Feb 2022 13:38:45 +0000 |
| [[8.3 LSs; 101; Block A; 16Feb 2300 CET] LS concerning content encoding in MBMS FLUTE-> for action](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;f3eec0f5.2202C&S=) | Gabin, Frederic | Wed, 16 Feb 2022 14:17:17 +0000 |
| [[8.3 LSs; 101; Block A; 16Feb 2300 CET] LS concerning content encoding in MBMS FLUTE-> for action](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;489aab23.2202D&S=) | Gabin, Frederic | Tue, 22 Feb 2022 20:19:12 +0000 |
| [[8.3 LSs; 101; Block A; 16Feb 2300 CET] LS concerning content encoding in MBMS FLUTE-> for action](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;1501bba4.2202D&S=) | Thomas Stockhammer | Tue, 22 Feb 2022 20:20:51 +0000 |
| [[8.3 LSs; 101; Block A; 16Feb 2300 CET] LS concerning content encoding in MBMS FLUTE-> for action](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;1640a0a3.2202D&S=) | Gabin, Frederic | Tue, 22 Feb 2022 20:28:38 +0000 |
| [[8.3 LSs; 101; Block A; 16Feb 2300 CET] LS concerning content encoding in MBMS FLUTE-> for action](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;7c1020ee.2202D&S=) | Thomas Stockhammer | Tue, 22 Feb 2022 20:30:13 +0000 |
| [[8.3 LSs; 101; Block A; 16Feb 2300 CET] LS concerning content encoding in MBMS FLUTE-> for action](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;b461d198.2202D&S=) | Richard Bradbury | Tue, 22 Feb 2022 23:39:38 +0000 |
| [[8.3 LSs; 101; Block A; 16Feb 2300 CET] LS concerning content encoding in MBMS FLUTE-> for action](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;95371085.2202D&S=) | Thomas Stockhammer | Wed, 23 Feb 2022 00:01:08 +0000 |
| [[8.3 LSs; 101; Block A; 16Feb 2300 CET] LS concerning content encoding in MBMS FLUTE-> for action](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;b58b53e4.2202D&S=) | Richard Bradbury | Wed, 23 Feb 2022 00:59:41 +0000 |
| [[8.3 LSs; 101; Block A; 16Feb 2300 CET] LS concerning content encoding in MBMS FLUTE-> for action](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;2d6009d8.2202D&S=) | Gabin, Frederic | Wed, 23 Feb 2022 10:24:03 +0000 |

**Revisions:**

· none

**Online Discussion:**

* Richard: In DVB, the need for compression (GZip) comes from compressing things like the MPD.
* Thomas: It could be the client deciding to receive the data compressed.

**Decision:**

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**S4-220101** is **sent back to plenary.**

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| [S4-220191](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220191.zip) | Reply LS on RAN visible QoE | 3GPP RAN2 | Jayeeta Saha |

**E-mail Discussion:**

|  |  |  |
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| [[8.3 LSs; 191, 115; Block A; 16Feb 2300 CET] Reply LS on RAN visible QoE and Overview of potential impacts of NR QoE on SA4-> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;8e262cb7.2202C&S=) | Gabin, Frederic | Tue, 15 Feb 2022 23:25:19 +0000 |
| [[8.3 LSs; 191, 115; Block A; 16Feb 2300 CET] Reply LS on RAN visible QoE and Overview of potential impacts of NR QoE on SA4-> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;207499ca.2202C&S=) | Gunnar Heikkilä | Wed, 16 Feb 2022 10:24:55 +0000 |
| [[8.3 LSs; 191, 115; Block A; 16Feb 2300 CET] Reply LS on RAN visible QoE and Overview of potential impacts of NR QoE on SA4-> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;7f1134a7.2202C&S=) | Gabin, Frederic | Wed, 16 Feb 2022 22:37:21 +0000 |

**Revisions:**

· none

**Online Discussion:**

· none

**Decision:**

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**S4-220191** is **replied to in S4-220239.**

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| --- | --- | --- | --- |
| [S4-220](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220191.zip)239 | Reply LS to S4-220191 | 3GPP RAN2 | Jayeeta Saha |

**E-mail Discussion:**

**Revisions:**

· <https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/draft_S4-220239.docx>

**Online Discussion:**

* draft presented by Qi
* Gunnar: The rough answer looks ok. But the functionality is a bit vague. SA4 currently has not all information.
* Charles: would it make sense to add a request for more information?
* Gunnar. I have something in a mail.
* Frederic: Does SA4 need to implement this functionality? When yes, we need a WID. Gunnar. Not convinced.
* Charles: The language can be improved.

**Decision:**

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**S4-220239** is **sent to SA4 plenary.**

## 8.4 Issues for immediate consideration

none

## 8.5 CRs to features in Release 16 and earlier

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| [S4-220115](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220115.zip) | Overview of potential impacts of NR QoE on SA4 | Huawei, HiSilicon, China Unicom | Qi Pan |

**E-mail Discussion:**

**Revisions:**

· none

**Online Discussion:**

· none

**Decision:**

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**S4-220115** is **noted.**

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| [S4-220116](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220116.zip) | draft LS Reply on maximum container size for QoE configuration and report | Huawei, HiSilicon | Qi Pan |

**E-mail Discussion:**

**Revisions:**

|  |  |
| --- | --- |
| [S4-220116r01.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220116r01.docx) | 2022/02/16 16:23 |
| [S4-220116r01\_Qualcomm.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220116r01_Qualcomm.docx) | 2022/02/16 20:28 |
| [S4-220116r02.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220116r02.docx) | 2022/02/16 22:43 |
| [S4-220116r03.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220116r03.docx) | 2022/02/17 10:54 |
| [S4-220116\_Qualcomm.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220116_Qualcomm.docx) | 2022/02/15 21:33 |
| [S4-220116\_Qualcomm\_Huawei.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220116_Qualcomm_Huawei.docx) | 2022/02/16 10:28 |

**Online Discussion:**

* presented by Qi
* Charles: Is the application layer doing the container?
* Gunnar: The application layer.
* Frederic: From RAN, everything about AT command layer is application layer. A Container is passed in using an AT command
* Frederic: Is there a risk, that the AT command fails in case of large containers.
* Qi: No, the RLC layer is discarding it.
* Hyung-Nam: Proposes to remove the end of the action “provide feedback if any”

**Decision:**

* Is revised to 237
* 237 is agreed

**S4-220116 -> 237** whichis **agreed**

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| [S4-220117](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220117.zip) | draft LS Reply on QoE configuration and reporting related issues | Huawei, HiSilicon | Qi Pan |

**E-mail Discussion:**

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| --- | --- |
| [S4-220117r01.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220117r01.docx) | 2022/02/21 21:51 |
| [S4-220117r01\_Qualcomm.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220117r01_Qualcomm.docx) | 2022/02/22 17:53 |
| [S4-220117r02.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220117r02.docx) | 2022/02/22 20:57 |
| [S4-220117\_Qualcomm.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220117_Qualcomm.docx) | 2022/02/20 22:36 |
| [S4-220117\_Qualcomm\_Ericsson.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220117_Qualcomm_Ericsson.docx) | 2022/02/21 10:00 |

**Revisions:**

· none

**Online Discussion:**

· none

**Decision:**

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**S4-220117** is **revised to S4-220309.**

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| [S4-220118](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220118.zip) | draft LS Reply on SA4 requirements on QoE | Huawei, HiSilicon | Qi Pan |

**E-mail Discussion:**

**Revisions:**

|  |  |
| --- | --- |
| [S4-220118 \_Qualcomm.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220118%20_Qualcomm.docx) | 2022/02/15 17:16 |
| [S4-220118 \_Qualcomm\_Ericsson.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220118%20_Qualcomm_Ericsson.docx) | 2022/02/15 18:31 |
| [S4-220118 \_Qualcomm\_Ericsson\_Qualcomm.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220118%20_Qualcomm_Ericsson_Qualcomm.docx) | 2022/02/15 18:46 |
| [S4-220118r01.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220118r01.docx) | 2022/02/16 10:22 |
| [S4-220118r02.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220118r02.docx) | 2022/02/16 22:07 |

**Online Discussion:**

* presented by Qi

**Decision:**

* Agreeable for formal LS reply

**S4-220118** is **revised** to **S4-220236** which is **agreed** and will go to Plenary

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| --- | --- | --- | --- |
| [S4-220055](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220055.zip) | [5GMS3] Correction to QoE metrics reporting client configuration | BBC | Richard Bradbury |

**E-mail Discussion:**

|  |  |  |
| --- | --- | --- |
| [[8.5 CRs; 055; Block A; 16Feb 2300 CET] CR0014 26.512 Correction to QoE metrics reporting client configuration-> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;7cffc27d.2202C&S=) | Gabin, Frederic | Tue, 15 Feb 2022 23:25:30 +0000 |
| [[8.5 CRs; 055; Block A; 16Feb 2300 CET] CR0014 26.512 Correction to QoE metrics reporting client configuration-> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;4c18e63b.2202C&S=) | Gabin, Frederic | Wed, 16 Feb 2022 22:38:31 +0000 |

**Revisions:**

· none

**Online Discussion:**

· none

**Decision:**

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**S4-220055** is **agreed.**

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| [S4-220103](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220103.zip) | Missing XML Data Type for Attributes in MBMS USD | Qualcomm Incorporated | Charles Lo |

**E-mail Discussion:**

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| --- | --- | --- |
| [[8.5 CRs; 103; Block A; 16Feb 2300 CET] CR0658 26.346 Missing XML Data Type for Attributes in MBMS USD -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;eeeb6070.2202C&S=) | Gabin, Frederic | Tue, 15 Feb 2022 23:25:32 +0000 |
| [[8.5 CRs; 103; Block A; 16Feb 2300 CET] CR0658 26.346 Missing XML Data Type for Attributes in MBMS USD -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;92aeae99.2202C&S=) | Gabin, Frederic | Wed, 16 Feb 2022 22:41:47 +0000 |

**Revisions:**

· none

**Online Discussion:**

· none

**Decision:**

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**S4-220103** is **agreed.**

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| [S4-220119](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220119.zip) | CR-26.247 Add support of per-slice QoE measurement | Huawei, HiSilicon | Qi Pan |

**E-mail Discussion:**

|  |  |  |
| --- | --- | --- |
| [[8.5 CRs; 119; Block A; 16Feb 2300 CET] CR0169 26.247 Add support of per-slice QoE measurement -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;4f68d913.2202C&S=) | Gabin, Frederic | Tue, 15 Feb 2022 23:25:34 +0000 |
| [[8.5 CRs; 119; Block A; 16Feb 2300 CET] CR0169 26.247 Add support of per-slice QoE measurement -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;cca4894.2202C&S=) | Gunnar Heikkilä | Wed, 16 Feb 2022 10:39:20 +0000 |
| [[8.5 CRs; 119; Block A; 16Feb 2300 CET] CR0169 26.247 Add support of per-slice QoE measurement -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;319a5404.2202C&S=) | panqi (E) | Wed, 16 Feb 2022 11:09:09 +0000 |
| [[8.5 CRs; 119; Block A; 16Feb 2300 CET] CR0169 26.247 Add support of per-slice QoE measurement -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;bd0491b2.2202C&S=) | Gunnar Heikkilä | Wed, 16 Feb 2022 11:16:24 +0000 |
| [[8.5 CRs; 119; Block A; 16Feb 2300 CET] CR0169 26.247 Add support of per-slice QoE measurement -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;cc831986.2202C&S=) | Curcio, Igor (Nokia - FI/Tampere) | Wed, 16 Feb 2022 13:36:36 +0000 |
| [[8.5 CRs; 119; Block A; 16Feb 2300 CET] CR0169 26.247 Add support of per-slice QoE measurement -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;ae103a50.2202C&S=) | panqi (E) | Wed, 16 Feb 2022 14:33:56 +0000 |
| [[8.5 CRs; 119; Block A; 16Feb 2300 CET] CR0169 26.247 Add support of per-slice QoE measurement -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;1ac72934.2202C&S=) | Imed Bouazizi | Wed, 16 Feb 2022 20:46:08 +0000 |
| [[8.5 CRs; 119; Block A; 16Feb 2300 CET] CR0169 26.247 Add support of per-slice QoE measurement -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;dbf28842.2202C&S=) | panqi (E) | Wed, 16 Feb 2022 21:38:29 +0000 |
| [[8.5 CRs; 119; Block A; 16Feb 2300 CET] CR0169 26.247 Add support of per-slice QoE measurement -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;169141ab.2202C&S=) | Imed Bouazizi | Fri, 18 Feb 2022 19:42:26 +0000 |
| [[8.5 CRs; 119; Block A; 16Feb 2300 CET] CR0169 26.247 Add support of per-slice QoE measurement -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;88814a3.2202C&S=) | Gunnar Heikkilä | Fri, 18 Feb 2022 20:50:58 +0000 |
| [[8.5 CRs; 119; Block A; 16Feb 2300 CET] CR0169 26.247 Add support of per-slice QoE measurement -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;463c857e.2202C&S=) | panqi (E) | Fri, 18 Feb 2022 22:37:04 +0000 |
| [[8.5 CRs; 119; Block A; 16Feb 2300 CET] CR0169 26.247 Add support of per-slice QoE measurement -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;5407a6a3.2202C&S=) | panqi (E) | Mon, 21 Feb 2022 08:01:17 +0000 |
| [[8.5 CRs; 119; Block A; 16Feb 2300 CET] CR0169 26.247 Add support of per-slice QoE measurement -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;f27a1141.2202C&S=) | Gunnar Heikkilä | Mon, 21 Feb 2022 10:17:57 +0000 |
| [[8.5 CRs; 119; Block A; 16Feb 2300 CET] CR0169 26.247 Add support of per-slice QoE measurement -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;7265741e.2202C&S=) | panqi (E) | Mon, 21 Feb 2022 12:55:11 +0000 |
| [[8.5 CRs; 119; Block A; 16Feb 2300 CET] CR0169 26.247 Add support of per-slice QoE measurement -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;3f5509d5.2202C&S=) | Gunnar Heikkilä | Mon, 21 Feb 2022 14:10:33 +0000 |
| [[8.5 CRs; 119; Block A; 16Feb 2300 CET] CR0169 26.247 Add support of per-slice QoE measurement -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;698a1bd3.2202C&S=) | panqi (E) | Mon, 21 Feb 2022 15:34:58 +0000 |
| [[8.5 CRs; 119; Block A; 16Feb 2300 CET] CR0169 26.247 Add support of per-slice QoE measurement -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;bbfd8a4d.2202C&S=) | Gunnar Heikkilä | Mon, 21 Feb 2022 19:11:31 +0000 |
| [[8.5 CRs; 119; Block A; 16Feb 2300 CET] CR0169 26.247 Add support of per-slice QoE measurement -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;caffaae5.2202C&S=) | panqi (E) | Mon, 21 Feb 2022 22:21:46 +0000 |
| [[8.5 CRs; 119; Block A; 16Feb 2300 CET] CR0169 26.247 Add support of per-slice QoE measurement -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;c11eb648.2202D&S=) | Gunnar Heikkilä | Tue, 22 Feb 2022 10:03:42 +0000 |
| [[8.5 CRs; 119; Block A; 16Feb 2300 CET] CR0169 26.247 Add support of per-slice QoE measurement -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;12df140d.2202D&S=) | panqi (E) | Tue, 22 Feb 2022 11:12:47 +0000 |
| [[8.5 CRs; 119; Block A; 16Feb 2300 CET] CR0169 26.247 Add support of per-slice QoE measurement -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;d48cd3b1.2202D&S=) | panqi (E) | Tue, 22 Feb 2022 12:44:40 +0000 |
| [[8.5 CRs; 119; Block A; 16Feb 2300 CET] CR0169 26.247 Add support of per-slice QoE measurement -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;b6cf8d2f.2202D&S=) | Gunnar Heikkilä | Tue, 22 Feb 2022 12:52:38 +0000 |
| [[8.5 CRs; 119; Block A; 16Feb 2300 CET] CR0169 26.247 Add support of per-slice QoE measurement -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;834bcc86.2202D&S=) | panqi (E) | Tue, 22 Feb 2022 13:20:20 +0000 |
| [[8.5 CRs; 119; Block A; 16Feb 2300 CET] CR0169 26.247 Add support of per-slice QoE measurement -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;f829d8f0.2202D&S=) | panqi (E) | Tue, 22 Feb 2022 13:28:25 +0000 |
| [[8.5 CRs; 119; Block A; 16Feb 2300 CET] CR0169 26.247 Add support of per-slice QoE measurement -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;b422fc7b.2202D&S=) | Gunnar Heikkilä | Tue, 22 Feb 2022 13:30:18 +0000 |
| [[8.5 CRs; 119; Block A; 16Feb 2300 CET] CR0169 26.247 Add support of per-slice QoE measurement -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;f9a89677.2202D&S=) | panqi (E) | Tue, 22 Feb 2022 22:10:55 +0000 |

**Revisions:**

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| --- | --- |
| [S4-220119 - CR-26.247 Add support of per-slice QoE measurement\_Qualcomm.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220119%20-%20CR-26.247%20Add%20support%20of%20per-slice%20QoE%20measurement_Qualcomm.docx) | 2022/02/16 20:40 |
| [S4-220119r01.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220119r01.docx) | 2022/02/21 8:00 |
| [S4-220119r02.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220119r02.docx) | 2022/02/21 15:34 |
| [S4-220119r02\_Ericsson.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220119r02_Ericsson.docx) | 2022/02/21 19:03 |
| [S4-220119r04.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220119r04.docx) | 2022/02/22 11:09 |
| [S4-220119r05.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220119r05.docx) | 2022/02/22 12:44 |
| [S4-220119r06.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220119r06.docx) | 2022/02/22 13:19 |

**Online Discussion:**

* Qi presented r02\_Ericsson.
* Fred: Does it impact UICC?
* Qi: actually not
* Ed: no it may (reason not hearable)
* Fred: Qi check the impact or not on UICC. Clean the revision marks too.
* Check offline by Gunnar also about the delimiter and the problem it can cause. Comment by Imed.

**Decision:**

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**S4-220119** is **revised to S4-220283 which is agreed without presentation.**

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| [S4-220120](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220120.zip) | CR-26.247 support of RAN Visible QoE | Huawei, HiSilicon | Qi Pan |

**E-mail Discussion:**

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| [[8.5 CRs; 120; Block A; 16Feb 2300 CET] CR0170 26.247 Support of RAN Visible QoE -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;ac3337a6.2202C&S=) | Gabin, Frederic | Tue, 15 Feb 2022 23:25:36 +0000 |
| [[8.5 CRs; 120; Block A; 16Feb 2300 CET] CR0170 26.247 Support of RAN Visible QoE -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;e6e7d7a6.2202C&S=) | Charles Lo | Wed, 16 Feb 2022 06:50:03 +0000 |
| [[8.5 CRs; 120; Block A; 16Feb 2300 CET] CR0170 26.247 Support of RAN Visible QoE -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;4c9d2475.2202C&S=) | Gunnar Heikkilä | Wed, 16 Feb 2022 10:19:17 +0000 |
| [[8.5 CRs; 120; Block A; 16Feb 2300 CET] CR0170 26.247 Support of RAN Visible QoE -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;61c769c8.2202C&S=) | panqi (E) | Wed, 16 Feb 2022 13:35:17 +0000 |
| [[8.5 CRs; 120; Block A; 16Feb 2300 CET] CR0170 26.247 Support of RAN Visible QoE -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;df112721.2202C&S=) | Curcio, Igor (Nokia - FI/Tampere) | Wed, 16 Feb 2022 14:30:50 +0000 |
| [[8.5 CRs; 120; Block A; 16Feb 2300 CET] CR0170 26.247 Support of RAN Visible QoE -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;8d8f0372.2202C&S=) | Gunnar Heikkilä | Wed, 16 Feb 2022 15:11:22 +0000 |
| [[8.5 CRs; 120; Block A; 16Feb 2300 CET] CR0170 26.247 Support of RAN Visible QoE -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;2e8c8891.2202C&S=) | panqi (E) | Wed, 16 Feb 2022 15:14:48 +0000 |
| [[8.5 CRs; 120; Block A; 16Feb 2300 CET] CR0170 26.247 Support of RAN Visible QoE -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;8193530c.2202C&S=) | Gunnar Heikkilä | Wed, 16 Feb 2022 15:45:44 +0000 |
| [[8.5 CRs; 120; Block A; 16Feb 2300 CET] CR0170 26.247 Support of RAN Visible QoE -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;21a17b5e.2202C&S=) | Charles Lo | Wed, 16 Feb 2022 20:12:47 +0000 |
| [[8.5 CRs; 120; Block A; 16Feb 2300 CET] CR0170 26.247 Support of RAN Visible QoE -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;4d7c9179.2202C&S=) | Gabin, Frederic | Wed, 16 Feb 2022 22:50:29 +0000 |
| [[8.5 CRs; 120; Block A; 16Feb 2300 CET] CR0170 26.247 Support of RAN Visible QoE -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;9886a8ee.2202C&S=) | panqi (E) | Wed, 16 Feb 2022 23:10:30 +0000 |
| [[8.5 CRs; 120; Block A; 16Feb 2300 CET] CR0170 26.247 Support of RAN Visible QoE -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;7a73b6b2.2202C&S=) | Gunnar Heikkilä | Wed, 16 Feb 2022 23:21:01 +0000 |
| [[8.5 CRs; 120; Block A; 16Feb 2300 CET] CR0170 26.247 Support of RAN Visible QoE -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;ac9068b0.2202C&S=) | panqi (E) | Thu, 17 Feb 2022 00:12:34 +0000 |
| [[8.5 CRs; 120; Block A; 16Feb 2300 CET] CR0170 26.247 Support of RAN Visible QoE -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;bc514542.2202C&S=) | Gunnar Heikkilä | Thu, 17 Feb 2022 00:16:41 +0000 |
| [[8.5 CRs; 120; Block A; 16Feb 2300 CET] CR0170 26.247 Support of RAN Visible QoE -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;a0d10dec.2202C&S=) | Gunnar Heikkilä | Thu, 17 Feb 2022 00:42:41 +0000 |
| [[8.5 CRs; 120; Block A; 16Feb 2300 CET] CR0170 26.247 Support of RAN Visible QoE -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;acd16ff5.2202C&S=) | panqi (E) | Thu, 17 Feb 2022 00:48:29 +0000 |
| [[8.5 CRs; 120; Block A; 16Feb 2300 CET] CR0170 26.247 Support of RAN Visible QoE -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;ce947b8e.2202C&S=) | Charles Lo | Thu, 17 Feb 2022 00:50:20 +0000 |
| [[8.5 CRs; 120; Block A; 16Feb 2300 CET] CR0170 26.247 Support of RAN Visible QoE -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;69f491a7.2202C&S=) | Gunnar Heikkilä | Thu, 17 Feb 2022 10:23:47 +0000 |
| [[8.5 CRs; 120; Block A; 16Feb 2300 CET] CR0170 26.247 Support of RAN Visible QoE -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;a5e28d35.2202C&S=) | panqi (E) | Thu, 17 Feb 2022 10:23:58 +0000 |
| [[8.5 CRs; 120; Block A; 16Feb 2300 CET] CR0170 26.247 Support of RAN Visible QoE -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;c92cf016.2202C&S=) | panqi (E) | Thu, 17 Feb 2022 10:56:27 +0000 |
| [[8.5 CRs; 120; Block A; 16Feb 2300 CET] CR0170 26.247 Support of RAN Visible QoE -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;fe61458.2202C&S=) | Gunnar Heikkilä | Thu, 17 Feb 2022 11:47:46 +0000 |
| [[8.5 CRs; 120; Block A; 16Feb 2300 CET] CR0170 26.247 Support of RAN Visible QoE -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;7d8870c0.2202D&S=) | Gabin, Frederic | Tue, 22 Feb 2022 20:22:52 +0000 |

**Revisions:**

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| --- | --- |
| [S4-220120 r01.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220120%20r01.docx) | 2022/02/17 10:16 |
| [S4-220120 r02.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220120%20r02.docx) | 2022/02/17 10:22 |
| [S4-220120 r02\_Qualcomm.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220120%20r02_Qualcomm.docx) | 2022/02/17 18:06 |
| [S4-220120 r02\_Qualcomm\_Ericsson.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220120%20r02_Qualcomm_Ericsson.docx) | 2022/02/17 20:03 |
| [S4-220120\_Qualcomm.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220120_Qualcomm.docx) | 2022/02/16 5:51 |

**Online Discussion:**

· none

**Decision:**

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**S4-220120** is **noted.**

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| [S4-220121](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220121.zip) | CR-26.501 suppor of per-slice metrics reporting | Huawei, HiSilicon | Qi Pan |

**E-mail Discussion:**

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| [[8.5 CRs; 121; Block A; 16Feb 2300 CET] CR0031 26.247 Support of per-slice based metrics reporting -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;7bbae64.2202C&S=) | Gabin, Frederic | Tue, 15 Feb 2022 23:25:38 +0000 |
| [[8.5 CRs; 121; Block A; 16Feb 2300 CET] CR0031 26.247 Support of per-slice based metrics reporting -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;a1714693.2202C&S=) | Richard Bradbury | Wed, 16 Feb 2022 00:40:40 +0000 |
| [[8.5 CRs; 121; Block A; 16Feb 2300 CET] CR0031 26.247 Support of per-slice based metrics reporting -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;3b5e4f49.2202C&S=) | Gunnar Heikkilä | Wed, 16 Feb 2022 10:43:36 +0000 |
| [[8.5 CRs; 121; Block A; 16Feb 2300 CET] CR0031 26.247 Support of per-slice based metrics reporting -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;602b30c0.2202C&S=) | Gabin, Frederic | Wed, 16 Feb 2022 13:20:11 +0000 |
| [[8.5 CRs; 121; Block A; 16Feb 2300 CET] CR0031 26.247 Support of per-slice based metrics reporting -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;9db2e183.2202C&S=) | panqi (E) | Wed, 16 Feb 2022 16:17:28 +0000 |
| [[8.5 CRs; 121; Block A; 16Feb 2300 CET] CR0031 26.247 Support of per-slice based metrics reporting -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;c23141d9.2202C&S=) | Gunnar Heikkilä | Wed, 16 Feb 2022 16:37:02 +0000 |
| [[8.5 CRs; 121; Block A; 16Feb 2300 CET] CR0031 26.247 Support of per-slice based metrics reporting -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;32fa28f0.2202C&S=) | panqi (E) | Wed, 16 Feb 2022 21:11:21 +0000 |

**Revisions:**

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| [S4-220121r01.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220121r01.docx) | 2022/02/16 15:55 |

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| [S4-220122r01\_Ericsson.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220122r01_Ericsson.docx) | 2022/02/22 9:17 |
| [S4-220122r02.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220122r02.docx) | 2022/02/22 9:36 |

**Online Discussion:**

· none

**Decision:**

· noted

**S4-220121** is **noted**

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| [S4-220137](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220137.zip) | Add support for VR QoE metrics | Ericsson LM | Gunnar Heikkilä |

**E-mail Discussion:**

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| [[8.5 CRs; 137; Block A; 16Feb 2300 CET] dCR 26.512 Add support for VR QoE metrics -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;d46ac2e2.2202C&S=) | Gabin, Frederic | Tue, 15 Feb 2022 23:25:27 +0000 |
| [[8.5 CRs; 137; Block A; 16Feb 2300 CET] dCR 26.512 Add support for VR QoE metrics -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;2aa30686.2202C&S=) | Richard Bradbury | Wed, 16 Feb 2022 00:44:42 +0000 |
| [[8.5 CRs; 137; Block A; 16Feb 2300 CET] dCR 26.512 Add support for VR QoE metrics -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;6e41082a.2202C&S=) | Gunnar Heikkilä | Wed, 16 Feb 2022 11:12:27 +0000 |
| [[8.5 CRs; 137; Block A; 16Feb 2300 CET] dCR 26.512 Add support for VR QoE metrics -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;fb441aaa.2202C&S=) | Richard Bradbury | Wed, 16 Feb 2022 11:48:54 +0000 |
| [[8.5 CRs; 137; Block A; 16Feb 2300 CET] dCR 26.512 Add support for VR QoE metrics -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;213b6558.2202C&S=) | Thomas Stockhammer | Wed, 16 Feb 2022 13:34:16 +0000 |
| [[8.5 CRs; 137; Block A; 16Feb 2300 CET] dCR 26.512 Add support for VR QoE metrics -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;7bea3889.2202C&S=) | Gunnar Heikkilä | Wed, 16 Feb 2022 13:48:13 +0000 |
| [[8.5 CRs; 137; Block A; 16Feb 2300 CET] dCR 26.512 Add support for VR QoE metrics -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;ba6f29da.2202C&S=) | Gabin, Frederic | Wed, 16 Feb 2022 22:40:44 +0000 |

**Revisions:**

· none

**Online Discussion:**

· none

**Decision:**

* the content is agreed. The document is revised to 238. 238 is agreed wop

**S4-220137** is **revised to S4-220238**

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| [S4-220151](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220151.zip) | [5MSA]: Correction 5GMS Client definition and clarification of reference point usage | Ericsson LM | Thorsten Lohmar |

**E-mail Discussion:**

|  |  |  |
| --- | --- | --- |
| [[8.5 CRs; 151; Block A; 16Feb 2300 CET] dCR 26.501 Correction 5GMS Client definition and clarification of reference point usage -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;7bcdf2fc.2202C&S=) | Gabin, Frederic | Tue, 15 Feb 2022 23:25:41 +0000 |
| [[8.5 CRs; 151; Block A; 16Feb 2300 CET] dCR 26.501 Correction 5GMS Client definition and clarification of reference point usage -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;8853bd55.2202C&S=) | Richard Bradbury | Wed, 16 Feb 2022 00:53:08 +0000 |
| [[8.5 CRs; 151; Block A; 16Feb 2300 CET] dCR 26.501 Correction 5GMS Client definition and clarification of reference point usage -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;34b7f3d3.2202C&S=) | Thorsten Lohmar | Wed, 16 Feb 2022 14:49:35 +0000 |
| [[8.5 CRs; 151; Block A; 16Feb 2300 CET] dCR 26.501 Correction 5GMS Client definition and clarification of reference point usage -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;fb80e96c.2202C&S=) | Richard Bradbury | Wed, 16 Feb 2022 19:10:19 +0000 |
| [[8.5 CRs; 151; Block A; 16Feb 2300 CET] dCR 26.501 Correction 5GMS Client definition and clarification of reference point usage -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;3e789a62.2202C&S=) | Thorsten Lohmar | Wed, 16 Feb 2022 21:49:55 +0000 |
| [[8.5 CRs; 151; Block A; 16Feb 2300 CET] dCR 26.501 Correction 5GMS Client definition and clarification of reference point usage -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;d13fc1c8.2202C&S=) | Richard Bradbury | Wed, 16 Feb 2022 22:47:09 +0000 |
| [[8.5 CRs; 151; Block A; 16Feb 2300 CET] dCR 26.501 Correction 5GMS Client definition and clarification of reference point usage -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;d4d84002.2202C&S=) | Gabin, Frederic | Wed, 16 Feb 2022 22:48:24 +0000 |
| [[8.5 CRs; 151; Block A; 16Feb 2300 CET] dCR 26.501 Correction 5GMS Client definition and clarification of reference point usage -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;b25694b1.2202C&S=) | Thomas Stockhammer | Thu, 17 Feb 2022 00:25:14 +0000 |
| [[8.5 CRs; 151; Block A; 16Feb 2300 CET] dCR 26.501 Correction 5GMS Client definition and clarification of reference point usage -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;ee58d248.2202C&S=) | Richard Bradbury | Thu, 17 Feb 2022 15:28:22 +0000 |
| [[8.5 CRs; 151; Block A; 16Feb 2300 CET] dCR 26.501 Correction 5GMS Client definition and clarification of reference point usage -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;f279beeb.2202C&S=) | Thomas Stockhammer | Thu, 17 Feb 2022 16:27:05 +0000 |
| [[8.5 CRs; 151; Block A; 16Feb 2300 CET] dCR 26.501 Correction 5GMS Client definition and clarification of reference point usage -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;b88674ae.2202D&S=) | Thorsten Lohmar | Tue, 22 Feb 2022 13:20:46 +0000 |
| [[8.5 CRs; 151; Block A; 16Feb 2300 CET] dCR 26.501 Correction 5GMS Client definition and clarification of reference point usage -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;21afd38b.2202D&S=) | Richard Bradbury | Tue, 22 Feb 2022 17:49:06 +0000 |
| [[8.5 CRs; 151; Block A; 16Feb 2300 CET] dCR 26.501 Correction 5GMS Client definition and clarification of reference point usage -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;5f696148.2202D&S=) | Gabin, Frederic | Tue, 22 Feb 2022 20:24:47 +0000 |
| [[8.5 CRs; 151; Block A; 16Feb 2300 CET] dCR 26.501 Correction 5GMS Client definition and clarification of reference point usage -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;2ea650d8.2202D&S=) | Thorsten Lohmar | Tue, 22 Feb 2022 20:37:41 +0000 |

**Revisions:**

|  |  |
| --- | --- |
| [S4-220151r01.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220151r01.docx) | 2022/02/16 14:40 |
| [S4-220151r01\_BBC.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220151r01_BBC.docx) | 2022/02/16 19:09 |
| [S4-220151r02.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220151r02.docx) | 2022/02/16 21:48 |
| [S4-220151r03.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220151r03.docx) | 2022/02/22 13:19 |
| [S4-220151r03\_BBC.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220151r03_BBC.docx) | 2022/02/22 17:46 |
| [S4-220151r04.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220151r04.docx) | 2022/02/22 20:37 |
| [S4-220151\_BBC.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220151_BBC.docx) | 2022/02/16 0:48 |

**Online Discussion:**

* Thorsten presented r02.
* Richard: It is not appropriate to talk about formats in stage 2, e.g. in the media player bullet and in M4d bullet.
* Thorsten: We wanted to allow HLS as well.
* Richard: Thomas pointed out that 26.511 already allows it.
* Fred: Of course M4d and M5d should exist but they don’t need to comply with 26.512.
* Iraj: Compliance comes at stage 3 and stage 2 should stay at architecture for defining the stage 3.
* Fed: We are trying to clarify things for 5G MAG and how they should implement the client.
* Thorsten: In Figure 4.2, we miss the note that says “the UE architecture is not applicable generally … “ as written under figure 4.1. We could copy over the text.
* Fred: We could also put “see note under figure 4.1”.
* Fred: Repeating the text might just be easier.
* Fred: Let’s workout this editorial detail offline.
* Thorsten to make a new revision.
* R04 presented by Thorsten
* Thomas: everything is implementation choice - can implement without M1 and M2; does not object to changes

**Decision:**

* 151r04 agreed and to be turned into CRs in 306 and 307

**S4-220151r04** is **agreed**

## 8.6 EVEX (5GMS AF Event Exposure)

**General Discussion on EVEX**

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| [[EVEX] Documents uploaded to Inbox](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;b0406f4b.2202C&S=) | Charles Lo | Fri, 18 Feb 2022 00:13:09 +0000 |
| [[EVEX] Documents uploaded to Inbox](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;15da33a8.2202C&S=) | Richard Bradbury | Fri, 18 Feb 2022 02:04:20 +0000 |
| [[EVEX] Documents uploaded to Inbox](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;cdf1ee2a.2202C&S=) | Richard Bradbury | Fri, 18 Feb 2022 02:08:39 +0000 |
| [[EVEX] Documents uploaded to Inbox](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;192cfa76.2202C&S=) | Charles Lo | Fri, 18 Feb 2022 04:38:11 +0000 |
| [[EVEX] Documents uploaded to Inbox](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;d422c25f.2202C&S=) | Stefan Håkansson LK | Fri, 18 Feb 2022 09:00:39 +0000 |
| [[EVEX] Documents uploaded to Inbox](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;f1e92897.2202C&S=) | Charles Lo | Fri, 18 Feb 2022 18:29:53 +0000 |
| [[EVEX] Documents uploaded to Inbox](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;2a1b1687.2202C&S=) | Richard Bradbury | Fri, 18 Feb 2022 18:53:30 +0000 |
| [[EVEX] Documents uploaded to Inbox](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;fa187326.2202C&S=) | Charles Lo | Fri, 18 Feb 2022 19:08:49 +0000 |
| [[EVEX] Documents uploaded to Inbox](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;145b322e.2202C&S=) | Imed Bouazizi | Fri, 18 Feb 2022 19:11:03 +0000 |
| [[EVEX] Documents uploaded to Inbox](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;637c6e79.2202C&S=) | Richard Bradbury | Fri, 18 Feb 2022 19:41:17 +0000 |
| [[EVEX] Documents uploaded to Inbox](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;b7880ae.2202C&S=) | Charles Lo | Fri, 18 Feb 2022 19:43:55 +0000 |
| [[EVEX] Documents uploaded to Inbox](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;475076d5.2202C&S=) | Charles Lo | Fri, 18 Feb 2022 20:18:47 +0000 |
| [[EVEX] Documents uploaded to Inbox](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;6e72537.2202C&S=) | Richard Bradbury | Fri, 18 Feb 2022 21:23:19 +0000 |
| [[EVEX] Documents uploaded to Inbox](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;f29ea3f4.2202C&S=) | Charles Lo | Fri, 18 Feb 2022 22:52:13 +0000 |
| [[EVEX] Documents uploaded to Inbox](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;6a63e218.2202C&S=) | Richard Bradbury | Fri, 18 Feb 2022 23:10:24 +0000 |
| [[EVEX] Documents uploaded to Inbox](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;8ff17df0.2202C&S=) | Stefan Håkansson LK | Sat, 19 Feb 2022 07:20:58 +0000 |
| [[EVEX] Draft TS 26.531 V1.1.0](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;555bc0ef.2202C&S=) | Richard Bradbury | Fri, 18 Feb 2022 01:05:35 +0000 |
| [[EVEX] Draft TS 26.531 V1.1.0](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;75d02e0c.2202D&S=) | Richard Bradbury | Tue, 22 Feb 2022 20:31:46 +0000 |
| [[EVEX] late submission of S4-220159 (pCR to TS 25.532)](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;e8e69f97.2202B&S=) | Charles Lo | Mon, 14 Feb 2022 04:33:02 +0000 |
| [[EVEX] late submission of S4-220159 (pCR to TS 25.532)](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;52064f44.2202B&S=) | Richard Bradbury | Mon, 14 Feb 2022 17:55:00 +0000 |
| [[EVEX] Presentation sheet for TS 26.532 V1.0.0](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;45175779.2202C&S=) | Charles Lo | Mon, 21 Feb 2022 19:32:21 +0000 |
| [[EVEX] Presentation sheet for TS 26.532 V1.0.0](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;92cb468f.2202C&S=) | Richard Bradbury | Mon, 21 Feb 2022 20:18:35 +0000 |
| [[EVEX] Presentation sheet for TS 26.532 V1.0.0](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;10cb4b5b.2202D&S=) | Stefan Håkansson LK | Tue, 22 Feb 2022 07:18:00 +0000 |
| [[EVEX] Presentation sheet for TS 26.532 V1.0.0](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;6a1e9e55.2202D&S=) | Charles Lo | Tue, 22 Feb 2022 15:48:33 +0000 |
| [[EVEX] Presentation sheet for TS 26.532 V1.0.0](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;8133afc.2202D&S=) | Stefan Håkansson LK | Wed, 23 Feb 2022 06:09:13 +0000 |
| [[EVEX] S4-220252 and S4-220253 uploaded to Inbox](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;bd4bc898.2202D&S=) | Charles Lo | Tue, 22 Feb 2022 02:22:50 +0000 |
| [[EVEX] S4-220252 and S4-220253 uploaded to Inbox](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;6860aa46.2202D&S=) | Richard Bradbury | Tue, 22 Feb 2022 11:01:13 +0000 |

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| [S4-220051](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Docs/S4-220051.zip) | [EVEX] Proposed Time Plan | Qualcomm Incorporated | Charles Lo |

**E-mail Discussion:**

**Revisions:**

· none

**Online Discussion:**

* is presented by Charles
* Frederic cannot chair the first telco after SA4#117e
* No telco after SA4#118 (no time)

**Decision:**

* Revised to 244 and agreed without presentation.

**S4-220051** is **revised to S4-220244 which is agreed without presentation.**

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| [S4-220052](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220052.zip) | [EVEX] Proposed Exception Sheet | Qualcomm Incorporated | Charles Lo |

**E-mail Discussion:**

**Revisions:**

· none

**Online Discussion:**

* is presented by Charles.

**Decision:**

* is agreed

**S4-220052** is **agreed**

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| [S4-220053](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220053.zip) | [EVEX] Stage 2/3 on Data collection and reporting for 5G Media Streaming | Qualcomm Incorporated, BBC | Charles Lo |

**E-mail Discussion:**

|  |  |  |
| --- | --- | --- |
| [[8.6 EVEX; 053; Block A; 15Feb 2100 CET] CR to 26.512 on Stage 2/3 on Data collection and reporting for 5G Media Streaming -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;4379fdf5.2202B&S=) | Gabin, Frederic | Mon, 14 Feb 2022 22:58:41 +0000 |
| [[8.6 EVEX; 053; Block A; 15Feb 2100 CET] CR to 26.512 on Stage 2/3 on Data collection and reporting for 5G Media Streaming -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;76e3b2cd.2202B&S=) | Richard Bradbury | Mon, 14 Feb 2022 23:33:13 +0000 |
| [[8.6 EVEX; 053; Block A; 15Feb 2100 CET] CR to 26.512 on Stage 2/3 on Data collection and reporting for 5G Media Streaming -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;6d815f49.2202C&S=) | Charles Lo | Tue, 15 Feb 2022 04:35:00 +0000 |
| [[8.6 EVEX; 053; Block A; 15Feb 2100 CET] CR to 26.512 on Stage 2/3 on Data collection and reporting for 5G Media Streaming -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;cb58c2e5.2202C&S=) | Richard Bradbury | Tue, 15 Feb 2022 12:02:08 +0000 |
| [[8.6 EVEX; 053; Block A; 15Feb 2100 CET] CR to 26.512 on Stage 2/3 on Data collection and reporting for 5G Media Streaming -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;f7ce9e7e.2202C&S=) | Charles Lo | Tue, 15 Feb 2022 16:48:19 +0000 |
| [[8.6 EVEX; 053; Block A; 15Feb 2100 CET] CR to 26.512 on Stage 2/3 on Data collection and reporting for 5G Media Streaming -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;790ac812.2202C&S=) | Charles Lo | Tue, 15 Feb 2022 16:56:48 +0000 |
| [[8.6 EVEX; 053; Block A; 15Feb 2100 CET] CR to 26.512 on Stage 2/3 on Data collection and reporting for 5G Media Streaming -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;34aa2b71.2202C&S=) | Gabin, Frederic | Tue, 15 Feb 2022 19:35:57 +0000 |
| [[8.6 EVEX; 053; Block A; 15Feb 2100 CET] CR to 26.512 on Stage 2/3 on Data collection and reporting for 5G Media Streaming -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;85dd6ba7.2202C&S=) | Charles Lo | Tue, 15 Feb 2022 19:55:39 +0000 |

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| --- | --- | --- |
| [[8.6 EVEX; 053; Block A; 15Feb 2100 CET] CR to 26.512 on Stage 2/3 on Data collection and reporting for 5G Media Streaming -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;4fbdaa68.2202C&S=) | Richard Bradbury | Tue, 15 Feb 2022 22:13:05 +0000 |
| [[8.6 EVEX; 053->231; Block A; 15Feb 2100 CET] CR to 26.512 on Stage 2/3 on Data collection and reporting for 5G Media Streaming -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;b0b25b89.2202C&S=) | Richard Bradbury | Wed, 16 Feb 2022 13:39:59 +0000 |
| [[8.6 EVEX; 053->231; Block A; 15Feb 2100 CET] CR to 26.512 on Stage 2/3 on Data collection and reporting for 5G Media Streaming -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;233c22d.2202C&S=) | Charles Lo | Wed, 16 Feb 2022 18:34:02 +0000 |

**Revisions:**

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| --- | --- |
| [S4-220053r01.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220053r01.docx) | 2022/02/15 19:53 |
| [S4-220053r01\_BBC.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220053r01_BBC.docx) | 2022/02/15 22:11 |
| [S4-220053\_Qualcomm.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220053_Qualcomm.docx) | 2022/02/15 4:32 |
| [S4-220053\_Qualcomm\_BBC.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220053_Qualcomm_BBC.docx) | 2022/02/15 11:55 |
| [S4-220053\_Qualcomm\_BBC\_Qualcomm.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220053_Qualcomm_BBC_Qualcomm.docx) | 2022/02/15 16:53 |

**Online Discussion:**

* Charles presented r01.

**Decision:**

* New TDoc number 231 for revision. 231 is agreed.

**S4-220053** is **revised to S4-220231.**

**S4-220231** is **agreed.**

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| [S4-220058](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220058.zip) | [EVEX] Data collection and reporting for 5G Media Streaming | BBC, Qualcomm Incorporated | Richard Bradbury |

**E-mail Discussion:**

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| [[8.6 EVEX; 058; Block A; 15Feb 2100 CET] CR to 26.501 on Data collection and reporting for 5G Media Streaming -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;e6217a40.2202B&S=) | Gabin, Frederic | Mon, 14 Feb 2022 22:58:46 +0000 |
| [[8.6 EVEX; 058; Block A; 15Feb 2100 CET] CR to 26.501 on Data collection and reporting for 5G Media Streaming -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;3a747810.2202C&S=) | panqi (E) | Tue, 15 Feb 2022 03:55:31 +0000 |
| [[8.6 EVEX; 058; Block A; 15Feb 2100 CET] CR to 26.501 on Data collection and reporting for 5G Media Streaming -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;c027e744.2202C&S=) | Charles Lo | Tue, 15 Feb 2022 05:46:18 +0000 |
| [[8.6 EVEX; 058; Block A; 15Feb 2100 CET] CR to 26.501 on Data collection and reporting for 5G Media Streaming -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;11dd53e5.2202C&S=) | Richard Bradbury | Tue, 15 Feb 2022 12:28:03 +0000 |
| [[8.6 EVEX; 058; Block A; 15Feb 2100 CET] CR to 26.501 on Data collection and reporting for 5G Media Streaming -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;2fc12511.2202C&S=) | Richard Bradbury | Tue, 15 Feb 2022 13:04:06 +0000 |
| [[8.6 EVEX; 058; Block A; 15Feb 2100 CET] CR to 26.501 on Data collection and reporting for 5G Media Streaming -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;88bf8413.2202C&S=) | panqi (E) | Tue, 15 Feb 2022 14:25:38 +0000 |
| [[8.6 EVEX; 058; Block A; 15Feb 2100 CET] CR to 26.501 on Data collection and reporting for 5G Media Streaming -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;6e1a578c.2202C&S=) | Richard Bradbury | Tue, 15 Feb 2022 17:22:00 +0000 |
| [[8.6 EVEX; 058; Block A; 15Feb 2100 CET] CR to 26.501 on Data collection and reporting for 5G Media Streaming -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;85ce69a9.2202C&S=) | Richard Bradbury | Tue, 15 Feb 2022 20:04:28 +0000 |

**Revisions:**

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| [S4-220058r01.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220058r01.docx) | 2022/02/15 20:03 |

**Online Discussion:**

* Richard presented r01.
* Qi asked some question around the provisioning session. Richard clarified, that the provisioning session must be present. The AS needs to periodically gets its configuration.
* Frederic: There is an EN. It should be fixed, before turning into a CR.
* Richard The EN depends on other EVEX tdocs

**Decision:**

* Agreed as basis for further work. Revised as 232 and agreed.

**S4-220058** is **revised to S4-220232**

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| --- | --- | --- | --- |
| S4-220063 | [EVEX] Proposed Editor's Update to TS 26.532 | Qualcomm Incorporated | Charles Lo |

**E-mail Discussion:**

**Revisions:**

· none

**Online Discussion:**

· none

**Decision:**

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**S4-220063** is **not treated.**

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| [S4-220071](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220071.zip) | [EVEX] TS 26.532: Proposed Editor's Update as V0.2.1 | Qualcomm Incorporated | Charles Lo |

**E-mail Discussion:**

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| [[8.6 EVEX; 071; Block A; 15Feb 2100 CET] pCR to 26.532 on Proposed Editor's Update as V0.2.1 -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;87964401.2202B&S=) | Gabin, Frederic | Mon, 14 Feb 2022 22:58:53 +0000 |
| [[8.6 EVEX; 071; Block A; 15Feb 2100 CET] pCR to 26.532 on Proposed Editor's Update as V0.2.1 -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;c7313c09.2202B&S=) | Richard Bradbury | Mon, 14 Feb 2022 23:41:30 +0000 |
| [[8.6 EVEX; 071; Block A; 15Feb 2100 CET] pCR to 26.532 on Proposed Editor's Update as V0.2.1 -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;7f87dc16.2202C&S=) | Charles Lo | Tue, 15 Feb 2022 05:06:37 +0000 |
| [[8.6 EVEX; 071; Block A; 15Feb 2100 CET] pCR to 26.532 on Proposed Editor's Update as V0.2.1 -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;9a495c70.2202C&S=) | Richard Bradbury | Tue, 15 Feb 2022 12:16:02 +0000 |

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| [[8.6 EVEX; 071->233; Block A; 15Feb 2100 CET] pCR to 26.532 on Proposed Editor's Update as V0.2.1 -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;380133ae.2202C&S=) | Richard Bradbury | Wed, 16 Feb 2022 13:22:43 +0000 |

**Revisions:**

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| --- | --- |
| [S4-220071r01.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220071r01.docx) | 2022/02/16 0:47 |
| [S4-220071\_Qualcomm.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220071_Qualcomm.docx) | 2022/02/15 4:51 |
| [S4-220071\_Qualcomm\_BBC.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220071_Qualcomm_BBC.docx) | 2022/02/15 12:14 |

**Online Discussion:**

* Charles presented.
* Richard: There is a small mistake in the table (mediaStreamingUplinkAccessRecord).
* The NOTE below the table is not correct. Should be clarified.

**Decision:**

* **Is revised to S4-220233 and agreed.**

**S4-220071** is **revised to S4-220233.**

**S4-220233 is agreed.**

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| [S4-220099](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220099.zip) | Access restrictions in EVEX - Stage 2 | QUALCOMM Europe Inc. - Italy | Imed Bouazizi |

**E-mail Discussion:**

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| [[8.6 EVEX; 099, 100; Block A; 15Feb 2100 CET] pCR to 26.531 and 26.532 on Procedures for Access Restriction -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;42ef6420.2202B&S=) | Gabin, Frederic | Mon, 14 Feb 2022 22:58:58 +0000 |
| [[8.6 EVEX; 099, 100; Block A; 15Feb 2100 CET] pCR to 26.531 and 26.532 on Procedures for Access Restriction -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;14db1ba9.2202B&S=) |  |  |
| [[8.6 EVEX; 099, 100; Block A; 15Feb 2100 CET] pCR to 26.531 and 26.532 on Procedures for Access Restriction -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;43feba35.2202C&S=) | Charles Lo | Tue, 15 Feb 2022 06:59:43 +0000 |
| [[8.6 EVEX; 099, 100; Block A; 15Feb 2100 CET] pCR to 26.531 and 26.532 on Procedures for Access Restriction -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;b978e647.2202C&S=) | panqi (E) | Tue, 15 Feb 2022 08:39:48 +0000 |
| [[8.6 EVEX; 099, 100; Block A; 15Feb 2100 CET] pCR to 26.531 and 26.532 on Procedures for Access Restriction -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;9eec0743.2202C&S=) | Stefan Håkansson LK | Tue, 15 Feb 2022 10:23:17 +0000 |
| [[8.6 EVEX; 099, 100; Block A; 15Feb 2100 CET] pCR to 26.531 and 26.532 on Procedures for Access Restriction -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;c125f350.2202C&S=) | Richard Bradbury | Tue, 15 Feb 2022 15:45:14 +0000 |
| [[8.6 EVEX; 099, 100; Block A; 15Feb 2100 CET] pCR to 26.531 and 26.532 on Procedures for Access Restriction -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;ecde47a1.2202C&S=) | Stefan Håkansson LK | Tue, 15 Feb 2022 17:49:28 +0000 |

**Revisions:**

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| [S4-220099r01\_BBC.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220099r01_BBC.docx) | 2022/02/17 18:54 |
| [S4-220099r01\_BBC\_BBC.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220099r01_BBC_BBC.docx) | 2022/02/17 21:09 |
| [S4-220099\_BBC.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220099_BBC.docx) | 2022/02/14 23:43 |
| [S4-220099\_r01.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220099_r01.docx) | 2022/02/17 17:12 |

**Online Discussion:**

* r01 BBC is presented by Imed.
* Richard spotted something in Clause 5.8.
* Qi: reference [9] is wrong.

**Decision:**

* revised to S4-220240. 240 is agreed without presentation.

**S4-220099** is **revised to 240.**

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| [S4-220100](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220100.zip) | Access restrictions in EVEX - Stage 3 | QUALCOMM Europe Inc. - Italy | Imed Bouazizi |

**E-mail Discussion:**

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| [[8.6 EVEX; 099, 100; Block A; 15Feb 2100 CET] pCR to 26.531 and 26.532 on Procedures for Access Restriction -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;3669a87d.2202C&S=) | Imed Bouazizi | Wed, 16 Feb 2022 14:14:23 +0000 |
| [[8.6 EVEX; 099, 100; Block A; 15Feb 2100 CET] pCR to 26.531 and 26.532 on Procedures for Access Restriction -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;be8f3f93.2202C&S=) | Richard Bradbury | Thu, 17 Feb 2022 18:56:12 +0000 |
| [[8.6 EVEX; 099, 100; Block A; 15Feb 2100 CET] pCR to 26.531 and 26.532 on Procedures for Access Restriction -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;edb2906a.2202C&S=) | Richard Bradbury | Thu, 17 Feb 2022 19:17:51 +0000 |
| [[8.6 EVEX; 099, 100; Block A; 15Feb 2100 CET] pCR to 26.531 and 26.532 on Procedures for Access Restriction -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;4bbbca03.2202C&S=) | Richard Bradbury | Thu, 17 Feb 2022 21:13:50 +0000 |

**Revisions:**

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| [S4-220100r01\_BBC.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220100r01_BBC.docx) | 2022/02/17 19:12 |
| [S4-220100\_Qualcomm\_BBC.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220100_Qualcomm_BBC.docx) | 2022/02/14 23:54 |
| [S4-220100\_r01.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220100_r01.docx) | 2022/02/17 17:27 |

**Online Discussion:**

* R01 BBC is presented by Imed
* Discussion on Annex Numbering. The Editor should align the annex numbering.

**Decision:**

* Revised to 241 and agreed without presentation.

**S4-220100** is **revised to S4-220241 and agreed without presentation.**

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| S4-220156 | [EVEX] Data Collection, Reporting and Exposure in 5GMS | Qualcomm Incorporated | Charles Lo |

**E-mail Discussion:**

**Revisions:**

· none

**Online Discussion:**

· none

**Decision:**

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**S4-220156** is **not treated.**

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| [S4-220159](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220159.zip) | [EVEX] Additional Stage 2 and Stage 3 Text for TS 26.532 | Qualcomm Incorporated | Charles Lo |

**E-mail Discussion:**

**Revisions:**

· none

**Online Discussion:**

· none

**Decision:**

·

**S4-220159** is **not treated.**

## 8.7 5MBUSA (5G Multicast-Broadcast User Service Architecture and related 5GMS Extensions)

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| [S4-220018](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220018.zip) | [5MBUSA] 5GMS via eMBMS - Architecture, Broadcast and Reporting | Qualcomm Incorporated | Thomas Stockhammer |

**E-mail Discussion:**

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| --- | --- | --- |
| [[8.7 5MBUSA; 018; Block A; 16Feb 2000 CET] dCR to 26.501 on 5GMS via eMBMS - Architecture, Broadcast and Reporting -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;6319b302.2202C&S=) | Gabin, Frederic | Tue, 15 Feb 2022 09:23:55 +0000 |
| [[8.7 5MBUSA; 018; Block A; 16Feb 2000 CET] dCR to 26.501 on 5GMS via eMBMS - Architecture, Broadcast and Reporting -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;b15d5a34.2202C&S=) | Richard Bradbury | Tue, 15 Feb 2022 09:31:51 +0000 |
| [[8.7 5MBUSA; 018; Block A; 16Feb 2000 CET] dCR to 26.501 on 5GMS via eMBMS - Architecture, Broadcast and Reporting -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;f0617bfc.2202C&S=) | Johann Mika | Tue, 15 Feb 2022 18:12:59 +0000 |
| [[8.7 5MBUSA; 018; Block A; 16Feb 2000 CET] dCR to 26.501 on 5GMS via eMBMS - Architecture, Broadcast and Reporting -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;1e18125c.2202C&S=) | Thomas Stockhammer | Tue, 15 Feb 2022 22:58:46 +0000 |
| [[8.7 5MBUSA; 018; Block A; 16Feb 2000 CET] dCR to 26.501 on 5GMS via eMBMS - Architecture, Broadcast and Reporting -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;96a548c2.2202C&S=) | Richard Bradbury | Wed, 16 Feb 2022 00:36:47 +0000 |
| [[8.7 5MBUSA; 018; Block A; 16Feb 2000 CET] dCR to 26.501 on 5GMS via eMBMS - Architecture, Broadcast and Reporting -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;12fd193e.2202C&S=) | Thorsten Lohmar | Wed, 16 Feb 2022 13:15:28 +0000 |
| [[8.7 5MBUSA; 018; Block A; 16Feb 2000 CET] dCR to 26.501 on 5GMS via eMBMS - Architecture, Broadcast and Reporting -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;fc9e671a.2202C&S=) | Thomas Stockhammer | Wed, 16 Feb 2022 13:22:38 +0000 |
| [[8.7 5MBUSA; 018; Block A; 16Feb 2000 CET] dCR to 26.501 on 5GMS via eMBMS - Architecture, Broadcast and Reporting -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;7c0e1b17.2202C&S=) | Gabin, Frederic | Wed, 16 Feb 2022 21:23:11 +0000 |
| [[8.7 5MBUSA; 018; Block A; 16Feb 2000 CET] dCR to 26.501 on 5GMS via eMBMS - Architecture, Broadcast and Reporting -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;e8cd7ce0.2202C&S=) | Thomas Stockhammer | Wed, 16 Feb 2022 22:48:06 +0000 |
| [[8.7 5MBUSA; 018; Block A; 16Feb 2000 CET] dCR to 26.501 on 5GMS via eMBMS - Architecture, Broadcast and Reporting -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;b0d29a79.2202C&S=) | Gabin, Frederic | Wed, 16 Feb 2022 22:54:24 +0000 |

**Revisions:**

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| [S4-220018r01 Ericsson.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220018r01%20Ericsson.docx) | 2022/02/16 13:13 | 393 KB |
| [S4-220018r01.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220018r01.docx) | 2022/02/15 22:58 | 391,2 KB |
| [S4-220018r01\_BBC.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220018r01_BBC.docx) | 2022/02/16 0:33 | 393 KB |
| [S4-220018r02.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220018r02.docx) | 2022/02/16 22:46 | 393,5 KB |

**Online Discussion:**

* r02 presented by Thomas
* Richard summarized his comments and proposed changes in this version
* Thomas mentioned that Thorsten’s comments were also incorporated
* Thosten: extensions need to be Rel-17 version, instead of MBMS-API-C\* notation should indicate this is Rel-17 of the spec
* Thomas: there is no such architecture showing this interaction today, but could refer to TS 26.347; intent is to point something different from what exists today
* Thorsten: Release in principle should be self-contained
* Richard: spec reference by default is to the current version (Rel-17)
* Frederic: suggests when filling out formal CR author needs to fill out the cover page currently missing in this dCR
* Thomas: would prefer a single integrated CR to be submitted that includes the changes in this dCR
* Formally such would require all work to be done at this meeting

**Decision:**

revised in -234

**S4-220018** is **revised to S4-220234**

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| [S4-220](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220018.zip)234 | [5MBUSA] 5GMS via eMBMS - Architecture, Broadcast and Reporting | Qualcomm Incorporated | Thomas Stockhammer |

**E-mail Discussion:**

**Revisions:**

Presented by Thomas·

234 is turned into a formal CR

**Online Discussion:**

**Decision:**

* revised

**S4-220234** is **revised to 303**

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| [S4-220295\_EDGE3\_WI\_Exception.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220295_EDGE3_WI_Exception.docx) | 2022/02/22 21:19 |

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| [S4-220019](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220019.zip) | [5MBUSA] 5GMS via eMBMS - Broadcast on Demand | Qualcomm Incorporated | Thomas Stockhammer |

**E-mail Discussion:**

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| [[8.7 5MBUSA; 019; Block A; 16Feb 2000 CET] dCR to 26.501 on 5GMS via eMBMS - Broadcast on Demand -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;9e122bc5.2202C&S=) | Gabin, Frederic | Tue, 15 Feb 2022 09:24:04 +0000 |
| [[8.7 5MBUSA; 019; Block A; 16Feb 2000 CET] dCR to 26.501 on 5GMS via eMBMS - Broadcast on Demand -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;10214ee6.2202C&S=) | Richard Bradbury | Tue, 15 Feb 2022 09:36:20 +0000 |
| [[8.7 5MBUSA; 019; Block A; 16Feb 2000 CET] dCR to 26.501 on 5GMS via eMBMS - Broadcast on Demand -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;d535d59e.2202C&S=) | Julien Lemotheux | Tue, 15 Feb 2022 11:01:47 +0000 |
| [[8.7 5MBUSA; 019; Block A; 16Feb 2000 CET] dCR to 26.501 on 5GMS via eMBMS - Broadcast on Demand -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;bed9492.2202C&S=) | Richard Bradbury | Tue, 15 Feb 2022 11:19:10 +0000 |

|  |  |  |
| --- | --- | --- |
| [[8.7 5MBUSA; 019; Block A; 16Feb 2000 CET] dCR to 26.501 on 5GMS via eMBMS - Broadcast on Demand -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;eefa19f8.2202C&S=) | Johann Mika | Tue, 15 Feb 2022 18:33:55 +0000 |
| [[8.7 5MBUSA; 019; Block A; 16Feb 2000 CET] dCR to 26.501 on 5GMS via eMBMS - Broadcast on Demand -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;154e1143.2202C&S=) | Gabin, Frederic | Wed, 16 Feb 2022 21:28:09 +0000 |

**Revisions:**

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| icon | [S4-220019r01.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220019r01.docx) | 2022/02/16 23:26 | 310,3 KB |
| icon | [S4-220019\_BBC.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220019_BBC.docx) | 2022/02/15 9:34 | 310,2 KB |

**Online Discussion:**

* r01 Presented by Thomas
* Thorsten: title seemes exclusive to dedicated MBMS instead of shared MBMS
* Thomas to fix title of section

**Decision:**

* Merged into 024.

**S4-220019** is **agreed.**

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| [S4-220020](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220020.zip) | [5MBUSA] 5GMS via eMBMS - Hybrid Services | Qualcomm Incorporated | Thomas Stockhammer |

**E-mail Discussion:**

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| --- | --- | --- |
| [[8.7 5MBUSA; 020; Block A; 16Feb 2000 CET] dCR to 26.501 on 5GMS via eMBMS - Hybrid Services -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;8529c71c.2202C&S=) | Gabin, Frederic | Tue, 15 Feb 2022 09:24:11 +0000 |
| [[8.7 5MBUSA; 020; Block A; 16Feb 2000 CET] dCR to 26.501 on 5GMS via eMBMS - Hybrid Services -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;334ea44c.2202C&S=) | Richard Bradbury | Tue, 15 Feb 2022 09:42:57 +0000 |
| [[8.7 5MBUSA; 020; Block A; 16Feb 2000 CET] dCR to 26.501 on 5GMS via eMBMS - Hybrid Services -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;4159188a.2202C&S=) | Julien Lemotheux | Tue, 15 Feb 2022 13:16:57 +0000 |
| [[8.7 5MBUSA; 020; Block A; 16Feb 2000 CET] dCR to 26.501 on 5GMS via eMBMS - Hybrid Services -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;dd714517.2202C&S=) | Richard Bradbury | Tue, 15 Feb 2022 16:20:12 +0000 |
| [[8.7 5MBUSA; 020; Block A; 16Feb 2000 CET] dCR to 26.501 on 5GMS via eMBMS - Hybrid Services -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;f9608cae.2202C&S=) | Richard Bradbury | Tue, 15 Feb 2022 16:26:17 +0000 |
| [[8.7 5MBUSA; 020; Block A; 16Feb 2000 CET] dCR to 26.501 on 5GMS via eMBMS - Hybrid Services -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;54ba7952.2202C&S=) | Julien Lemotheux | Tue, 15 Feb 2022 17:33:52 +0000 |
| [[8.7 5MBUSA; 020; Block A; 16Feb 2000 CET] dCR to 26.501 on 5GMS via eMBMS - Hybrid Services -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;70398c8b.2202C&S=) | Richard Bradbury | Tue, 15 Feb 2022 17:46:26 +0000 |
| [[8.7 5MBUSA; 020; Block A; 16Feb 2000 CET] dCR to 26.501 on 5GMS via eMBMS - Hybrid Services -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;94e7dc98.2202C&S=) | Johann Mika | Tue, 15 Feb 2022 18:52:52 +0000 |
| [[8.7 5MBUSA; 020; Block A; 16Feb 2000 CET] dCR to 26.501 on 5GMS via eMBMS - Hybrid Services -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;c92839a9.2202C&S=) | Thorsten Lohmar | Wed, 16 Feb 2022 14:21:26 +0000 |
| [[8.7 5MBUSA; 020; Block A; 16Feb 2000 CET] dCR to 26.501 on 5GMS via eMBMS - Hybrid Services -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;cebf0e93.2202C&S=) | Gabin, Frederic | Wed, 16 Feb 2022 21:34:16 +0000 |
| [[8.7 5MBUSA; 020; Block A; 16Feb 2000 CET] dCR to 26.501 on 5GMS via eMBMS - Hybrid Services -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;b0a315f3.2202C&S=) | Thomas Stockhammer | Wed, 16 Feb 2022 22:55:18 +0000 |
| [[8.7 5MBUSA; 020; Block A; 16Feb 2000 CET] dCR to 26.501 on 5GMS via eMBMS - Hybrid Services -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;6cad0e30.2202C&S=) | Thomas Stockhammer | Wed, 16 Feb 2022 22:58:03 +0000 |
| [[8.7 5MBUSA; 020; Block A; 16Feb 2000 CET] dCR to 26.501 on 5GMS via eMBMS - Hybrid Services -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;cf7c1fc3.2202C&S=) | Thomas Stockhammer | Wed, 16 Feb 2022 22:59:06 +0000 |

**Revisions:**

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| [S4-220020r01.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220020r01.docx) | 2022/02/16 22:58 |
| [S4-220020\_BBC.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220020_BBC.docx) | 2022/02/15 9:39 |

**Online Discussion:**

· r01 presented by Thomas

* Richard: step 4: manifest is provided by AF;
* Thomas mentioned there was lengthy discussion between Richard and Julien on hybrid service.
* Richard: would be good to introduce general modus operandi in 5.10.5.1, might cross reference MPEG-DASH spec; explain more in stage 2 terms on manifest describes access to different data networks via different URLs
* Thomas: hybrid delivery is not new; supported by MBMS
* Fredreic: points out bug in Fig. 5.10.5-1 call flow (mpd should be manifest)
* Expect some offline work between Thomas, Julein and Richard

**Decision:**

· merged into 234

**S4-220020** is **agreed.**

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| [S4-220021](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220021.zip) | [5MBUSA] Collaboration Model for 5GMS via eMBMS | Qualcomm Incorporated | Thomas Stockhammer |

**E-mail Discussion:**

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| [[8.7 5MBUSA; 021; Block A; 16Feb 2000 CET] dCR to 26.501 on Collaboration Model for 5GMS via eMBMS -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;7b75affd.2202C&S=) | Gabin, Frederic | Tue, 15 Feb 2022 09:24:19 +0000 |
| [[8.7 5MBUSA; 021; Block A; 16Feb 2000 CET] dCR to 26.501 on Collaboration Model for 5GMS via eMBMS -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;374a4f7c.2202C&S=) | Richard Bradbury | Tue, 15 Feb 2022 09:44:22 +0000 |
| [[8.7 5MBUSA; 021; Block A; 16Feb 2000 CET] dCR to 26.501 on Collaboration Model for 5GMS via eMBMS -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;2e18e900.2202C&S=) | Gabin, Frederic | Wed, 16 Feb 2022 21:35:36 +0000 |

**Revisions:**

· none

**Online Discussion:**

· none

**Decision:**

· Agreed and merged into 234

**S4-220021** is **agreed**

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| [S4-220056](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220056.zip) | [5MBUSA] Static domain model and baseline parameters | BBC, Ericsson LM | Richard Bradbury |

**E-mail Discussion:**

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| [[8.7 5MBUSA; 056; Block A; 16Feb 2000 CET] pCR to 26.502 on Static domain model and baseline parameters -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;b912a85f.2202C&S=) | Gabin, Frederic | Tue, 15 Feb 2022 09:24:41 +0000 |
| [[8.7 5MBUSA; 056; Block A; 16Feb 2000 CET] pCR to 26.502 on Static domain model and baseline parameters -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;fb5ff28f.2202C&S=) | Charles Lo | Tue, 15 Feb 2022 18:11:25 +0000 |
| [[8.7 5MBUSA; 056; Block A; 16Feb 2000 CET] pCR to 26.502 on Static domain model and baseline parameters -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;e0dead01.2202C&S=) | Richard Bradbury | Tue, 15 Feb 2022 18:37:43 +0000 |
| [[8.7 5MBUSA; 056; Block A; 16Feb 2000 CET] pCR to 26.502 on Static domain model and baseline parameters -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;eafd1b4d.2202C&S=) | Charles Lo | Tue, 15 Feb 2022 19:09:12 +0000 |
| [[8.7 5MBUSA; 056; Block A; 16Feb 2000 CET] pCR to 26.502 on Static domain model and baseline parameters -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;cda4c4dd.2202C&S=) | Richard Bradbury | Tue, 15 Feb 2022 19:16:46 +0000 |
| [[8.7 5MBUSA; 056; Block A; 16Feb 2000 CET] pCR to 26.502 on Static domain model and baseline parameters -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;efb0dc8d.2202C&S=) | Richard Bradbury | Tue, 15 Feb 2022 20:11:53 +0000 |
| [[8.7 5MBUSA; 056; Block A; 16Feb 2000 CET] pCR to 26.502 on Static domain model and baseline parameters -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;681bbb37.2202C&S=) | Thomas Stockhammer | Tue, 15 Feb 2022 20:43:16 +0000 |
| [[8.7 5MBUSA; 056; Block A; 16Feb 2000 CET] pCR to 26.502 on Static domain model and baseline parameters -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;b9d7fa2f.2202C&S=) | Richard Bradbury | Wed, 16 Feb 2022 01:26:35 +0000 |
| [[8.7 5MBUSA; 056; Block A; 16Feb 2000 CET] pCR to 26.502 on Static domain model and baseline parameters -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;3da87c57.2202C&S=) | Richard Bradbury | Wed, 16 Feb 2022 11:42:09 +0000 |
| [[8.7 5MBUSA; 056; Block A; 16Feb 2000 CET] pCR to 26.502 on Static domain model and baseline parameters -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;39054f2b.2202C&S=) | Thorsten Lohmar | Wed, 16 Feb 2022 14:02:12 +0000 |
| [[8.7 5MBUSA; 056; Block A; 16Feb 2000 CET] pCR to 26.502 on Static domain model and baseline parameters -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;6775aa65.2202C&S=) | Richard Bradbury | Wed, 16 Feb 2022 18:15:02 +0000 |
| [[8.7 5MBUSA; 056; Block A; 16Feb 2000 CET] pCR to 26.502 on Static domain model and baseline parameters -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;4e8c3106.2202C&S=) | Gabin, Frederic | Wed, 16 Feb 2022 21:46:14 +0000 |

**Revisions:**

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| [S4-220056r01-QC.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220056r01-QC.docx) | 2022/02/15 20:42 |
| [S4-220056r01.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220056r01.docx) | 2022/02/15 20:11 |
| [S4-220056r02.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220056r02.docx) | 2022/02/16 1:20 |
| [S4-220056r03.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220056r03.docx) | 2022/02/16 1:26 |
| [S4-220056r04 Ericsson.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220056r04%20Ericsson.docx) | 2022/02/16 14:01 |
| [S4-220056r04.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220056r04.docx) | 2022/02/16 11:30 |
| [S4-220056r05.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220056r05.docx) | 2022/02/16 18:14 |
| [S4-220056\_Qualcomm.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220056_Qualcomm.docx) | 2022/02/15 18:10 |
| [S4-220056\_Qualcomm\_BBC.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220056_Qualcomm_BBC.docx) | 2022/02/15 18:36 |
| [S4-220056\_Qualcomm\_BBC\_Qualcomm.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220056_Qualcomm_BBC_Qualcomm.docx) | 2022/02/15 19:06 |
| [S4-220056\_Qualcomm\_BBC\_Qualcomm\_BBC.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220056_Qualcomm_BBC_Qualcomm_BBC.docx) | 2022/02/15 19:14 |

**Online Discussion:**

· r05 presented by Richard

* Richards points out changes to Table 4.5.6-1 - on TMGI, FEC configuration; also some entries in this table split into separate separate later sections; fixed cardinalities; data ingest session and default meaning if no start time and end time are specified
* Thorsten: on MBSTF tunnel endpoint address - is that exposed to Application Provider, or sits inside data model of MBSTF but not exposed to outside?
* Richard: this is parameter marked in gray with meaning shown at bottom (internal parameters not exposed)
* Qi: for GC, when use MBSTF to enable FEC function, which API to invoke?
* Thorsten: that would use transparent delivery for GC; when use MBC, covered by SA2 , if use FEC via MB2-C, should be description added that packet distribution method with transparent delivery mode indicated
* Frederic: is it clear in SA2/SA6 architecture activation of FEC?
* Thorsten: yes, via MB2-C
* Thorsten: for Legacy MBSF with new MBSTF, suggest add informative description in this case
* Ed: thought GC is in SA5 scope for mission critical apps - is the same functionality intended here?
* Frederic: yes
* Qi: for multicast service, User management vs Group management …?
* Thorsten: thought for GC, SA2 doesn’t want to expose allowed list to members; what is latest status?
* Qi: in SA2 specs, there is list of UEs allowed to access the MBSF
* Frederic: is the current draft adequate for editor to implement into TS?
* Richard: suggest adding informative annex in some contribution for GC
* There is

**Decision:**

To go into TS 23.502 in -235

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**S4-220056** is **agreed and revised to S4-220235**

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| [S4-220057](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220057.zip) | [5MBUSA] MBS Distribution Session life-cycle model | BBC | Richard Bradbury |

**E-mail Discussion:**

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| [[8.7 5MBUSA; 057; Block A; 16Feb 2000 CET] pCR to 26.502 on MBS Distribution Session life-cycle model -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;8f0327f0.2202C&S=) | Gabin, Frederic | Tue, 15 Feb 2022 09:24:49 +0000 |
| [[8.7 5MBUSA; 057; Block A; 16Feb 2000 CET] pCR to 26.502 on MBS Distribution Session life-cycle model -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;797856c6.2202C&S=) | Thorsten Lohmar | Wed, 16 Feb 2022 17:35:24 +0000 |
| [[8.7 5MBUSA; 057; Block A; 16Feb 2000 CET] pCR to 26.502 on MBS Distribution Session life-cycle model -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;e0828ab.2202C&S=) | Richard Bradbury | Wed, 16 Feb 2022 18:47:10 +0000 |
| [[8.7 5MBUSA; 057; Block A; 16Feb 2000 CET] pCR to 26.502 on MBS Distribution Session life-cycle model -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;5fd910a9.2202C&S=) | Thorsten Lohmar | Wed, 16 Feb 2022 19:56:06 +0000 |
| [[8.7 5MBUSA; 057; Block A; 16Feb 2000 CET] pCR to 26.502 on MBS Distribution Session life-cycle model -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;9ef1ff83.2202C&S=) | Richard Bradbury | Wed, 16 Feb 2022 20:22:03 +0000 |
| [[8.7 5MBUSA; 057; Block A; 16Feb 2000 CET] pCR to 26.502 on MBS Distribution Session life-cycle model -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;53016aba.2202C&S=) | Gabin, Frederic | Wed, 16 Feb 2022 21:56:49 +0000 |

**Revisions:**

· none

**Online Discussion:**

* Thorsten: for time being seems fine; might need some change on error conditions

**Decision:**

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**S4-220057** is **agreed.**

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| [S4-220108](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220108.zip) | [5MBUSA] Updated Work and Time Plan | TELUS | PENG TAN |

**E-mail Discussion:**

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| --- | --- | --- |
| [[8.7 5MBUSA; 108; Block A; 16Feb 2000 CET] Updated Work and Time Plan for 5MBUSA -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;c8f07317.2202C&S=) | Gabin, Frederic | Tue, 15 Feb 2022 09:25:48 +0000 |
| [[8.7 5MBUSA; 108; Block A; 16Feb 2000 CET] Updated Work and Time Plan for 5MBUSA -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;8cbe7dce.2202C&S=) | Gabin, Frederic | Wed, 16 Feb 2022 22:23:19 +0000 |
| [[8.7 5MBUSA; 108; Block A; 16Feb 2000 CET] Updated Work and Time Plan for 5MBUSA -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;9d416d5.2202C&S=) | Thomas Stockhammer | Thu, 17 Feb 2022 16:31:42 +0000 |
| [[8.7 5MBUSA; 108; Block A; 16Feb 2000 CET] Updated Work and Time Plan for 5MBUSA -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;d5a56ec8.2202C&S=) | Gabin, Frederic | Thu, 17 Feb 2022 20:26:00 +0000 |
| [[8.7 5MBUSA; 108; Block A; 16Feb 2000 CET] Updated Work and Time Plan for 5MBUSA -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;46be1283.2202C&S=) | Thomas Stockhammer | Thu, 17 Feb 2022 21:11:09 +0000 |
| [[8.7 5MBUSA; 108; Block A; 16Feb 2000 CET] Updated Work and Time Plan for 5MBUSA -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;2d97c21e.2202C&S=) | Peng Tan | Fri, 18 Feb 2022 13:56:53 +0000 |

**Revisions:**

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| --- | --- |
| [S4-220108 r01.doc](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220108%20r01.doc) | 2022/02/14 14:15 |

**Online Discussion:**

· none

**Decision:**

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**S4-220108** is **agreed.**

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| [S4-220112](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220112.zip) | [5MBUSA] Proposed Updates to TS26.502 | Qualcomm Incorporated | Thomas Stockhammer |

**E-mail Discussion:**

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| --- | --- | --- |
| [[8.7 5MBUSA; 112; Block A; 16Feb 2000 CET] pCR to 26.502 on Proposed Updates to TS26.502 -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;9e9fd82a.2202C&S=) | Gabin, Frederic | Tue, 15 Feb 2022 09:25:11 +0000 |
| [[8.7 5MBUSA; 112; Block A; 16Feb 2000 CET] pCR to 26.502 on Proposed Updates to TS26.502 -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;216a90ee.2202C&S=) | Richard Bradbury | Tue, 15 Feb 2022 09:48:07 +0000 |
| [[8.7 5MBUSA; 112; Block A; 16Feb 2000 CET] pCR to 26.502 on Proposed Updates to TS26.502 -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;a7cce3ad.2202C&S=) | panqi (E) | Tue, 15 Feb 2022 10:13:06 +0000 |
| [[8.7 5MBUSA; 112; Block A; 16Feb 2000 CET] pCR to 26.502 on Proposed Updates to TS26.502 -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;5fe1bef1.2202C&S=) | Thorsten Lohmar | Wed, 16 Feb 2022 17:17:47 +0000 |
| [[8.7 5MBUSA; 112; Block A; 16Feb 2000 CET] pCR to 26.502 on Proposed Updates to TS26.502 -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;2af27393.2202C&S=) | Gabin, Frederic | Wed, 16 Feb 2022 21:58:08 +0000 |
| [[8.7 5MBUSA; 112; Block A; 16Feb 2000 CET] pCR to 26.502 on Proposed Updates to TS26.502 -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;7146a4f8.2202C&S=) | Thomas Stockhammer | Thu, 17 Feb 2022 00:03:47 +0000 |
| [[8.7 5MBUSA; 112; Block A; 16Feb 2000 CET] pCR to 26.502 on Proposed Updates to TS26.502 -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;d4545fcd.2202C&S=) | Thomas Stockhammer | Thu, 17 Feb 2022 00:08:32 +0000 |
| [[8.7 5MBUSA; 112; Block A; 16Feb 2000 CET] pCR to 26.502 on Proposed Updates to TS26.502 -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;2b632bb9.2202C&S=) | Thomas Stockhammer | Fri, 18 Feb 2022 23:06:55 +0000 |
| [[8.7 5MBUSA; 112; Block A; 16Feb 2000 CET] pCR to 26.502 on Proposed Updates to TS26.502 -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;fc5da654.2202C&S=) | Richard Bradbury | Mon, 21 Feb 2022 13:54:11 +0000 |
| [[8.7 5MBUSA; 112; Block A; 16Feb 2000 CET] pCR to 26.502 on Proposed Updates to TS26.502 -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;2ad485b3.2202C&S=) | Thomas Stockhammer | Mon, 21 Feb 2022 14:25:27 +0000 |
| [[8.7 5MBUSA; 112; Block A; 16Feb 2000 CET] pCR to 26.502 on Proposed Updates to TS26.502 -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;7201d080.2202C&S=) | Richard Bradbury | Mon, 21 Feb 2022 20:04:50 +0000 |
| [[8.7 5MBUSA; 112; Block A; 16Feb 2000 CET] pCR to 26.502 on Proposed Updates to TS26.502 -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;365aad2.2202C&S=) | Thomas Stockhammer | Mon, 21 Feb 2022 20:53:32 +0000 |
| [[8.7 5MBUSA; 112; Block A; 16Feb 2000 CET] pCR to 26.502 on Proposed Updates to TS26.502 -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;9f11742d.2202C&S=) | Richard Bradbury | Mon, 21 Feb 2022 21:04:45 +0000 |
| [[8.7 5MBUSA; 112; Block A; 16Feb 2000 CET] pCR to 26.502 on Proposed Updates to TS26.502 -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;61a26d59.2202D&S=) | Charles Lo | Tue, 22 Feb 2022 19:50:48 +0000 |
| [[8.7 5MBUSA; 112; Block A; 16Feb 2000 CET] pCR to 26.502 on Proposed Updates to TS26.502 -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;3df296a8.2202D&S=) | Charles Lo | Tue, 22 Feb 2022 20:16:55 +0000 |
| [[8.7 5MBUSA; 112; Block A; 16Feb 2000 CET] pCR to 26.502 on Proposed Updates to TS26.502 -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;70041964.2202D&S=) | Gabin, Frederic | Tue, 22 Feb 2022 20:32:55 +0000 |

**Revisions:**

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| [S4-220112r01.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220112r01.docx) | 2022/02/17 0:02 |
| [S4-220112r02.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220112r02.docx) | 2022/02/18 23:03 |
| [S4-220112r02\_BBC.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220112r02_BBC.docx) | 2022/02/21 13:50 |
| [S4-220112r03.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220112r03.docx) | 2022/02/21 20:52 |

**Online Discussion:**

* Presented by Thomas
* Some offline feedback
* Thomas: unclear what is meant by ancillary information for User Service Announcements
* Thorsten: this is about USD updates
* Richard: thought the ancillary info could describe value-added function
* Thomas: mentions need from SA2 on description on service level interworking
* Richard: no distinguishing between normative vs. informative references in 3GPP specs - examples in 4.2.3 are to informative references
* Thorsten: no need for examples to include RTP packets or packetized MPEG-2 TS
* Needs more offline discussion - to be deferred to Fri
* R03 is presented by Thomas
* Thanks for Richard for all the work

**Decision:**

· 112r03 is merged into 235

**S4-220112** is **agreed.**

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| [S4-220114](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220114.zip) | Discussion on the Nmb10 service design | Huawei, HiSilicon | Qi Pan |

**E-mail Discussion:**

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| --- | --- | --- |
| [[8.7 5MBUSA; 114; Block A; 16Feb 2000 CET] Discussion on the Nmb10 service design -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;edc5622d.2202C&S=) | Gabin, Frederic | Tue, 15 Feb 2022 09:25:39 +0000 |
| [[8.7 5MBUSA; 114; Block A; 16Feb 2000 CET] Discussion on the Nmb10 service design -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;af9fc7e0.2202C&S=) | Richard Bradbury | Tue, 15 Feb 2022 10:00:50 +0000 |
| [[8.7 5MBUSA; 114; Block A; 16Feb 2000 CET] Discussion on the Nmb10 service design -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;8ceda431.2202C&S=) | panqi (E) | Tue, 15 Feb 2022 10:28:34 +0000 |
| [[8.7 5MBUSA; 114; Block A; 16Feb 2000 CET] Discussion on the Nmb10 service design -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;5134873f.2202C&S=) | Thorsten Lohmar | Tue, 15 Feb 2022 14:30:58 +0000 |
| [[8.7 5MBUSA; 114; Block A; 16Feb 2000 CET] Discussion on the Nmb10 service design -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;1e13a928.2202C&S=) | Richard Bradbury | Tue, 15 Feb 2022 17:31:53 +0000 |
| [[8.7 5MBUSA; 114; Block A; 16Feb 2000 CET] Discussion on the Nmb10 service design -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;7866363b.2202C&S=) | panqi (E) | Tue, 15 Feb 2022 23:54:50 +0000 |
| [[8.7 5MBUSA; 114; Block A; 16Feb 2000 CET] Discussion on the Nmb10 service design -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;39dc960f.2202C&S=) | Richard Bradbury | Wed, 16 Feb 2022 11:31:21 +0000 |
| [[8.7 5MBUSA; 114; Block A; 16Feb 2000 CET] Discussion on the Nmb10 service design -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;689f5574.2202C&S=) | Thorsten Lohmar | Wed, 16 Feb 2022 12:55:39 +0000 |
| [[8.7 5MBUSA; 114; Block A; 16Feb 2000 CET] Discussion on the Nmb10 service design -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;e5597ed7.2202C&S=) | panqi (E) | Wed, 16 Feb 2022 14:28:29 +0000 |
| [[8.7 5MBUSA; 114; Block A; 16Feb 2000 CET] Discussion on the Nmb10 service design -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;c80c0528.2202C&S=) | Richard Bradbury | Wed, 16 Feb 2022 18:18:49 +0000 |
| [[8.7 5MBUSA; 114; Block A; 16Feb 2000 CET] Discussion on the Nmb10 service design -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;e8633e26.2202C&S=) | Gabin, Frederic | Wed, 16 Feb 2022 22:22:16 +0000 |
| [[8.7 5MBUSA; 114; Block A; 16Feb 2000 CET] Discussion on the Nmb10 service design -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;de3b91cb.2202C&S=) | panqi (E) | Wed, 16 Feb 2022 22:55:14 +0000 |

**Revisions:**

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| --- | --- |
| [S4-220114r01.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220114r01.docx) | 2022/02/16 22:54 |

**Online Discussion:**

· r01 presented by Qi

* Frederic: is proposed changes for TS 26.502?
* Qi: yes
* Being reviewed together with -123

**Decision:**

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**S4-220114** is **noted**

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| [S4-220123](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220123.zip) | pCR to TS 26.502 support of interworking with LTE MBMS | Huawei, HiSilicon | Qi Pan |

**E-mail Discussion:**

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| --- | --- | --- |
| [[8.7 5MBUSA; 123; Block A; 16Feb 2000 CET] pCR to TS 26.502 support of interworking with LTE MBMS -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;f24f202d.2202C&S=) | Gabin, Frederic | Tue, 15 Feb 2022 09:24:33 +0000 |
| [[8.7 5MBUSA; 123; Block A; 16Feb 2000 CET] pCR to TS 26.502 support of interworking with LTE MBMS -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;7a56aa51.2202C&S=) | Richard Bradbury | Tue, 15 Feb 2022 10:52:45 +0000 |
| [[8.7 5MBUSA; 123; Block A; 16Feb 2000 CET] pCR to TS 26.502 support of interworking with LTE MBMS -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;bb3d2c27.2202C&S=) | panqi (E) | Tue, 15 Feb 2022 13:22:32 +0000 |
| [[8.7 5MBUSA; 123; Block A; 16Feb 2000 CET] pCR to TS 26.502 support of interworking with LTE MBMS -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;1dfd4aad.2202C&S=) | panqi (E) | Wed, 16 Feb 2022 16:17:37 +0000 |
| [[8.7 5MBUSA; 123; Block A; 16Feb 2000 CET] pCR to TS 26.502 support of interworking with LTE MBMS -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;a894c524.2202C&S=) | Thorsten Lohmar | Wed, 16 Feb 2022 17:40:08 +0000 |
| [[8.7 5MBUSA; 123; Block A; 16Feb 2000 CET] pCR to TS 26.502 support of interworking with LTE MBMS -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;d3dc69f6.2202C&S=) | Richard Bradbury | Wed, 16 Feb 2022 19:45:00 +0000 |
| [[8.7 5MBUSA; 123; Block A; 16Feb 2000 CET] pCR to TS 26.502 support of interworking with LTE MBMS -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;a005d6ef.2202C&S=) | Gabin, Frederic | Wed, 16 Feb 2022 22:01:06 +0000 |
| [[8.7 5MBUSA; 123; Block A; 16Feb 2000 CET] pCR to TS 26.502 support of interworking with LTE MBMS -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;b1b82090.2202C&S=) | panqi (E) | Wed, 16 Feb 2022 22:02:47 +0000 |
| [[8.7 5MBUSA; 123; Block A; 16Feb 2000 CET] pCR to TS 26.502 support of interworking with LTE MBMS -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;558a93b3.2202C&S=) | Richard Bradbury | Wed, 16 Feb 2022 22:57:55 +0000 |
| [[8.7 5MBUSA; 123; Block A; 16Feb 2000 CET] pCR to TS 26.502 support of interworking with LTE MBMS -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;f7aa4d36.2202C&S=) | panqi (E) | Wed, 16 Feb 2022 22:59:18 +0000 |
| [[8.7 5MBUSA; 123; Block A; 16Feb 2000 CET] pCR to TS 26.502 support of interworking with LTE MBMS -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;992a24f4.2202C&S=) | panqi (E) | Thu, 17 Feb 2022 10:34:31 +0000 |
| [[8.7 5MBUSA; 123; Block A; 16Feb 2000 CET] pCR to TS 26.502 support of interworking with LTE MBMS -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;68beee1f.2202C&S=) | Richard Bradbury | Thu, 17 Feb 2022 13:16:32 +0000 |
| [[8.7 5MBUSA; 123; Block A; 16Feb 2000 CET] pCR to TS 26.502 support of interworking with LTE MBMS -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;19d286e9.2202C&S=) | Richard Bradbury | Thu, 17 Feb 2022 13:25:14 +0000 |
| [[8.7 5MBUSA; 123; Block A; 16Feb 2000 CET] pCR to TS 26.502 support of interworking with LTE MBMS -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;aa3bf55a.2202C&S=) | panqi (E) | Thu, 17 Feb 2022 14:34:00 +0000 |
| [[8.7 5MBUSA; 123; Block A; 16Feb 2000 CET] pCR to TS 26.502 support of interworking with LTE MBMS -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;9b208a1f.2202C&S=) | Richard Bradbury | Thu, 17 Feb 2022 23:41:21 +0000 |
| [[8.7 5MBUSA; 123; Block A; 16Feb 2000 CET] pCR to TS 26.502 support of interworking with LTE MBMS -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;356af90d.2202C&S=) | panqi (E) | Fri, 18 Feb 2022 08:09:18 +0000 |
| [[8.7 5MBUSA; 123; Block A; 16Feb 2000 CET] pCR to TS 26.502 support of interworking with LTE MBMS -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;6440a6d5.2202C&S=) | Richard Bradbury | Fri, 18 Feb 2022 10:08:53 +0000 |
| [[8.7 5MBUSA; 123; Block A; 16Feb 2000 CET] pCR to TS 26.502 support of interworking with LTE MBMS -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;db5623d.2202C&S=) | panqi (E) | Fri, 18 Feb 2022 12:34:17 +0000 |
| [[8.7 5MBUSA; 123; Block A; 16Feb 2000 CET] pCR to TS 26.502 support of interworking with LTE MBMS -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;6d65cd75.2202C&S=) | Richard Bradbury | Fri, 18 Feb 2022 12:41:02 +0000 |
| [[8.7 5MBUSA; 123; Block A; 16Feb 2000 CET] pCR to TS 26.502 support of interworking with LTE MBMS -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;37d46d22.2202C&S=) | panqi (E) | Fri, 18 Feb 2022 12:59:04 +0000 |
| [[8.7 5MBUSA; 123; Block A; 16Feb 2000 CET] pCR to TS 26.502 support of interworking with LTE MBMS -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;99a168e9.2202C&S=) | Richard Bradbury | Fri, 18 Feb 2022 13:19:38 +0000 |
| [[8.7 5MBUSA; 123; Block A; 16Feb 2000 CET] pCR to TS 26.502 support of interworking with LTE MBMS -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;a024ad91.2202C&S=) | panqi (E) | Fri, 18 Feb 2022 13:27:05 +0000 |
| [[8.7 5MBUSA; 123; Block A; 16Feb 2000 CET] pCR to TS 26.502 support of interworking with LTE MBMS -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;7988beae.2202C&S=) | Richard Bradbury | Fri, 18 Feb 2022 13:45:30 +0000 |
| [[8.7 5MBUSA; 123; Block A; 16Feb 2000 CET] pCR to TS 26.502 support of interworking with LTE MBMS -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;aeda6d5d.2202C&S=) | panqi (E) | Fri, 18 Feb 2022 13:56:53 +0000 |
| [[8.7 5MBUSA; 123; Block A; 16Feb 2000 CET] pCR to TS 26.502 support of interworking with LTE MBMS -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;382f76cd.2202D&S=) | panqi (E) | Tue, 22 Feb 2022 08:58:48 +0000 |
| [[8.7 5MBUSA; 123; Block A; 16Feb 2000 CET] pCR to TS 26.502 support of interworking with LTE MBMS -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;4d33a41c.2202D&S=) | Richard Bradbury | Tue, 22 Feb 2022 17:27:39 +0000 |
| [[8.7 5MBUSA; 123; Block A; 16Feb 2000 CET] pCR to TS 26.502 support of interworking with LTE MBMS -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;879fb5d5.2202D&S=) | Thorsten Lohmar | Tue, 22 Feb 2022 20:03:27 +0000 |
| [[8.7 5MBUSA; 123; Block A; 16Feb 2000 CET] pCR to TS 26.502 support of interworking with LTE MBMS -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;74dd611.2202D&S=) | Richard Bradbury | Tue, 22 Feb 2022 20:36:09 +0000 |
| [[8.7 5MBUSA; 123; Block A; 16Feb 2000 CET] pCR to TS 26.502 support of interworking with LTE MBMS -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;74c20d8e.2202D&S=) | panqi (E) | Tue, 22 Feb 2022 21:15:26 +0000 |

**Revisions:**

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| [S4-220123 r01.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220123%20r01.docx) | 2022/02/16 15:45 |
| [S4-220123 r02.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220123%20r02.docx) | 2022/02/16 22:01 |
| [S4-220123 r03.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220123%20r03.docx) | 2022/02/17 10:32 |
| [S4-220123r03\_BBC.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220123r03_BBC.docx) | 2022/02/17 13:09 |
| [S4-220123r03\_BBC\_BBC.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220123r03_BBC_BBC.docx) | 2022/02/17 13:23 |
| [S4-220123r04.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220123r04.docx) | 2022/02/17 14:33 |
| [S4-220123r04\_BBC.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220123r04_BBC.docx) | 2022/02/17 23:38 |
| [S4-220123r05.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220123r05.docx) | 2022/02/18 12:33 |
| [S4-220123r06.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220123r06.docx) | 2022/02/18 13:55 |
| [S4-220123r07.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220123r07.docx) | 2022/02/22 8:57 |
| [S4-220123r08.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220123r08.docx) | 2022/02/22 21:14 |

**Online Discussion:**

· r2 presented by Qi

* Thorsten: when add annex for GC, should include note to point perhaps in Scope section to that Annex,
* Qi: wishes to continue to add Annex
* r3 expected
* R08 presented by Qi
* The text “Clause 4.9” should be replaced by “Clause 4.9 and Annex A.1”

**Decision:**

123 is agreed and added to 235·and to be presented at closing plenary

**S4-220123** is **agreed.**

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| [S4-220149](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220149.zip) | [5MBUSA]: Clause 8: Network Function Services | Ericsson LM | Thorsten Lohmar |

**E-mail Discussion:**

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| --- | --- | --- |
| [[8.7 5MBUSA; 149; Block A; 16Feb 2000 CET] pCR to TS 26.502 Clause 8: Network Function Services -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;31fe6c6a.2202C&S=) | Gabin, Frederic | Tue, 15 Feb 2022 09:25:17 +0000 |
| [[8.7 5MBUSA; 149; Block A; 16Feb 2000 CET] pCR to TS 26.502 Clause 8: Network Function Services -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;82ad2d2b.2202C&S=) | Richard Bradbury | Tue, 15 Feb 2022 10:59:50 +0000 |
| [[8.7 5MBUSA; 149; Block A; 16Feb 2000 CET] pCR to TS 26.502 Clause 8: Network Function Services -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;eb82899f.2202C&S=) | Thorsten Lohmar | Tue, 15 Feb 2022 14:52:36 +0000 |
| [[8.7 5MBUSA; 149; Block A; 16Feb 2000 CET] pCR to TS 26.502 Clause 8: Network Function Services -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;c3c36ac.2202C&S=) | Richard Bradbury | Tue, 15 Feb 2022 17:39:41 +0000 |
| [[8.7 5MBUSA; 149; Block A; 16Feb 2000 CET] pCR to TS 26.502 Clause 8: Network Function Services -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;c9c45e62.2202C&S=) | Thorsten Lohmar | Wed, 16 Feb 2022 14:26:09 +0000 |
| [[8.7 5MBUSA; 149; Block A; 16Feb 2000 CET] pCR to TS 26.502 Clause 8: Network Function Services -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;87354046.2202C&S=) | Richard Bradbury | Wed, 16 Feb 2022 14:54:41 +0000 |
| [[8.7 5MBUSA; 149; Block A; 16Feb 2000 CET] pCR to TS 26.502 Clause 8: Network Function Services -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;c56203b1.2202C&S=) | Thorsten Lohmar | Wed, 16 Feb 2022 16:57:08 +0000 |
| [[8.7 5MBUSA; 149; Block A; 16Feb 2000 CET] pCR to TS 26.502 Clause 8: Network Function Services -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;37a7b1ad.2202C&S=) | Richard Bradbury | Wed, 16 Feb 2022 19:25:51 +0000 |
| [[8.7 5MBUSA; 149; Block A; 16Feb 2000 CET] pCR to TS 26.502 Clause 8: Network Function Services -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;f3ffea83.2202C&S=) | Gabin, Frederic | Wed, 16 Feb 2022 22:04:37 +0000 |

**Revisions:**

|  |  |
| --- | --- |
| [S4-220149r01.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220149r01.docx) | 2022/02/16 16:56 |
| [S4-220149\_BBC\_BBC.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220149_BBC_BBC.docx) | 2022/02/15 10:57 |

**Online Discussion:**

· r01 presented by Thorsten

* Richard: wishes to incorporate this in draft TS 26.502; important to provide info to CT groups

**Decision:**

Agreed to be merged in -235·

**S4-220149** is **agreed to go into -235**

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| [S4-220150](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220150.zip) | [5MBUSA]: Annex B: Nmb8 User Plane ingest examples | Ericsson LM | Thorsten Lohmar |

**E-mail Discussion:**

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| --- | --- | --- |
| [[8.7 5MBUSA; 150; Block A; 16Feb 2000 CET] pCR to TS 26.502 Annex B: Nmb8 User Plane ingest examples -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;bd59fa0e.2202C&S=) | Gabin, Frederic | Tue, 15 Feb 2022 09:25:25 +0000 |
| [[8.7 5MBUSA; 150; Block A; 16Feb 2000 CET] pCR to TS 26.502 Annex B: Nmb8 User Plane ingest examples -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;7289ca97.2202C&S=) | Richard Bradbury | Tue, 15 Feb 2022 11:06:36 +0000 |
| [[8.7 5MBUSA; 150; Block A; 16Feb 2000 CET] pCR to TS 26.502 Annex B: Nmb8 User Plane ingest examples -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;5d59f5c1.2202C&S=) | Charles Lo | Tue, 15 Feb 2022 18:38:20 +0000 |
| [[8.7 5MBUSA; 150; Block A; 16Feb 2000 CET] pCR to TS 26.502 Annex B: Nmb8 User Plane ingest examples -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;cc903dc7.2202C&S=) | Richard Bradbury | Tue, 15 Feb 2022 18:50:48 +0000 |
| [[8.7 5MBUSA; 150; Block A; 16Feb 2000 CET] pCR to TS 26.502 Annex B: Nmb8 User Plane ingest examples -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;141ca184.2202C&S=) | Thorsten Lohmar | Wed, 16 Feb 2022 13:27:42 +0000 |
| [[8.7 5MBUSA; 150; Block A; 16Feb 2000 CET] pCR to TS 26.502 Annex B: Nmb8 User Plane ingest examples -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;42cb8c51.2202C&S=) | Richard Bradbury | Wed, 16 Feb 2022 15:05:01 +0000 |
| [[8.7 5MBUSA; 150; Block A; 16Feb 2000 CET] pCR to TS 26.502 Annex B: Nmb8 User Plane ingest examples -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;42c5fb8.2202C&S=) | Thorsten Lohmar | Wed, 16 Feb 2022 21:49:18 +0000 |
| [[8.7 5MBUSA; 150; Block A; 16Feb 2000 CET] pCR to TS 26.502 Annex B: Nmb8 User Plane ingest examples -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;b66f9c6f.2202C&S=) | Gabin, Frederic | Wed, 16 Feb 2022 22:07:47 +0000 |
| [[8.7 5MBUSA; 150; Block A; 16Feb 2000 CET] pCR to TS 26.502 Annex B: Nmb8 User Plane ingest examples -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;3a616509.2202C&S=) | Richard Bradbury | Wed, 16 Feb 2022 23:01:30 +0000 |
| [[8.7 5MBUSA; 150; Block A; 16Feb 2000 CET] pCR to TS 26.502 Annex B: Nmb8 User Plane ingest examples -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;c46ce9b8.2202C&S=) | Richard Bradbury | Thu, 17 Feb 2022 10:59:09 +0000 |
| [[8.7 5MBUSA; 150; Block A; 16Feb 2000 CET] pCR to TS 26.502 Annex B: Nmb8 User Plane ingest examples -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;8ca03926.2202C&S=) | Richard Bradbury | Thu, 17 Feb 2022 16:49:52 +0000 |

**Revisions:**

|  |  |
| --- | --- |
| [S4-220150r01.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220150r01.docx) | 2022/02/16 13:25 |
| [S4-220150r01\_BBC.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220150r01_BBC.docx) | 2022/02/16 15:03 |
| [S4-220150r02.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220150r02.docx) | 2022/02/16 21:48 |
| [S4-220150r03.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220150r03.docx) | 2022/02/17 15:33 |
| [S4-220150\_BBC.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220150_BBC.docx) | 2022/02/15 11:01 |
| [S4-220150\_BBC\_Qualcomm.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220150_BBC_Qualcomm.docx) | 2022/02/15 18:35 |
| [S4-220150\_BBC\_Qualcomm\_BBC.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220150_BBC_Qualcomm_BBC.docx) | 2022/02/15 18:48 |

**Online Discussion:**

· r2 presented by Thorsten

* Frederic: seems this version is acceptable for incorporation into TS 26.502?
* Richard: need fixes to some diagrams
* Thomas: RTP is already supported by transparent delivery mode, so don’t need RTP streaming mode
* Thorsten: RTP streaming is supported in TS 26.346; timestamp changes by BM-SC not possible in UDP layer only
* Thomas: RTP streaming specified in Rel-6; thinks transparent packet delivery mode suffices
* Thorsten: OK not to add B.3.3

**Decision:**

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**S4-220150** is **agreed** with exception of including B.3.3

**S4-220234**

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| **[5MBUSA] 5GMS via eMBMS** |

<https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/Draft-S4-220234r03_BBC.doc>

* Presented by Thomas; integrates several CRs
* 234 -> 235

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| [S4-220284r01.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220284r01.docx) | 2022/02/22 11:45 |
| [S4-220284r01\_huawei.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220284r01_huawei.docx) | 2022/02/22 13:51 |
| [S4-220284r01\_huawei\_Ericsson.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220284r01_huawei_Ericsson.docx) | 2022/02/22 14:34 |
| [S4-220284r02.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220284r02.docx) | 2022/02/22 18:03 |
| [S4-220284\_huawei.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220284_huawei.docx) | 2022/02/22 9:09 |

**S4-220284r02** (LS to SA2 on 5MBUSA) is presented by Richard

* Revised to 304

## 8.8 5MBP3 (5G Multicast-Broadcast Protocols)

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| [S4-220022](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220022.zip) | [5MBP3] Proposed Time Plan | Qualcomm Incorporated | Thomas Stockhammer |

**E-mail Discussion:**

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| [S4-220023r01.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220023r01.docx) | 2022/02/15 17:56 |

**Revisions:**

· none

**Online Discussion:**

* Thomas presents.

**Decision:**

* Time plan agreed.

**S4-220022** is **agreed.**

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| [S4-220023](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220023.zip) | [5MBP3] Proposed Specification Work | Qualcomm Incorporated | Thomas Stockhammer |

**E-mail Discussion:**

|  |  |  |
| --- | --- | --- |
| [[8.8 5MBP3; 022, 023, 024; Block A; 15Feb 2100 CET] Proposed Specification Work, Work Plan and Exception request for 5MBP3 -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;a152f6fb.2202B&S=) | Gabin, Frederic | Mon, 14 Feb 2022 23:19:02 +0000 |
| [[8.8 5MBP3; 022, 023, 024; Block A; 15Feb 2100 CET] Proposed Specification Work, Work Plan and Exception request for 5MBP3 -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;5c207587.2202C&S=) | Richard Bradbury | Tue, 15 Feb 2022 00:04:25 +0000 |
| [[8.8 5MBP3; 022, 023, 024; Block A; 15Feb 2100 CET] Proposed Specification Work, Work Plan and Exception request for 5MBP3 -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;cf4c1f26.2202C&S=) | Thorsten Lohmar | Tue, 15 Feb 2022 11:51:42 +0000 |
| [[8.8 5MBP3; 022, 023, 024; Block A; 15Feb 2100 CET] Proposed Specification Work, Work Plan and Exception request for 5MBP3 -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;582c2ea6.2202C&S=) | Thomas Stockhammer | Tue, 15 Feb 2022 17:56:45 +0000 |
| [[8.8 5MBP3; 022, 023, 024; Block A; 15Feb 2100 CET] Proposed Specification Work, Work Plan and Exception request for 5MBP3 -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;4d6c8ad5.2202C&S=) | Thomas Stockhammer | Tue, 15 Feb 2022 17:57:40 +0000 |
| [[8.8 5MBP3; 022, 023, 024; Block A; 15Feb 2100 CET] Proposed Specification Work, Work Plan and Exception request for 5MBP3 -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;4958cccf.2202C&S=) | Richard Bradbury | Tue, 15 Feb 2022 19:10:49 +0000 |
| [[8.8 5MBP3; 022, 023, 024; Block A; 15Feb 2100 CET] Proposed Specification Work, Work Plan and Exception request for 5MBP3 -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;53197788.2202C&S=) | Gabin, Frederic | Tue, 15 Feb 2022 19:30:39 +0000 |

**Revisions:**

· <https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220023r01.docx>

**Online Discussion:**

* Thomas presents.
* Thorsten: We are time-pressed now (talking about object timing and FLUTE enhancements).

**Decision:**

Proposals 1, 3 and 4 are agreed.

**S4-220023** is **agreed.**

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| [S4-220024](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220024.zip) | [5MBP3] Proposed Exception Sheet | Qualcomm Incorporated | Thomas Stockhammer |

**E-mail Discussion:**

See S4-220023.

**Revisions:**

· none

**Online Discussion:**

· Thomas Presented

**Decision:**

· Is agreed

**S4-220024** is **agreed.**

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| [S4-220141](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220141.zip) | Skeleton TS 26.517 "5G Multicast-Broadcast User Services; Protocols and Formats" | BBC (editor) | Richard Bradbury |

**E-mail Discussion:**

|  |  |  |
| --- | --- | --- |
| [[8.8 5MBP3; 141; Block A; 15Feb 2100 CET] Draft TS 26.517 V0.0.1 -> for agreement as basis for further work](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;e4884f96.2202B&S=) | Gabin, Frederic | Mon, 14 Feb 2022 23:18:57 +0000 |
| [[8.8 5MBP3; 141; Block A; 15Feb 2100 CET] Draft TS 26.517 V0.0.1 -> for agreement as basis for further work](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;6660ba5b.2202B&S=) | Thomas Stockhammer | Mon, 14 Feb 2022 23:42:52 +0000 |
| [[8.8 5MBP3; 141; Block A; 15Feb 2100 CET] Draft TS 26.517 V0.0.1 -> for agreement as basis for further work](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;a329db22.2202C&S=) | Richard Bradbury | Tue, 15 Feb 2022 00:09:13 +0000 |
| [[8.8 5MBP3; 141; Block A; 15Feb 2100 CET] Draft TS 26.517 V0.0.1 -> for agreement as basis for further work](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;4915b19.2202C&S=) | Thomas Stockhammer | Tue, 15 Feb 2022 10:53:41 +0000 |
| [[8.8 5MBP3; 141; Block A; 15Feb 2100 CET] Draft TS 26.517 V0.0.1 -> for agreement as basis for further work](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;a8e1ebd7.2202C&S=) | Gabin, Frederic | Tue, 15 Feb 2022 19:32:50 +0000 |

|  |  |  |
| --- | --- | --- |
| [[8.8 5MBP3; 141; Block A; 15Feb 2100 CET] Draft TS 26.517 V0.0.1 -> for agreement as basis for further work](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;ed8e3b9c.2202C&S=) | Richard Bradbury | Tue, 15 Feb 2022 22:51:21 +0000 |
| [[8.8 5MBP3; 141; Block A; 15Feb 2100 CET] Draft TS 26.517 V0.0.1 -> for agreement as basis for further work](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;a4425178.2202D&S=) | Thomas Stockhammer | Tue, 22 Feb 2022 08:07:42 +0000 |
| [[8.8 5MBP3; 141; Block A; 15Feb 2100 CET] Draft TS 26.517 V0.0.1 -> for agreement as basis for further work](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;55891064.2202D&S=) | Richard Bradbury | Tue, 22 Feb 2022 12:38:38 +0000 |
| [[8.8 5MBP3; 141; Block A; 15Feb 2100 CET] Draft TS 26.517 V0.0.1 -> for agreement as basis for further work](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;e9ff67d4.2202D&S=) | Thomas Stockhammer | Tue, 22 Feb 2022 12:47:23 +0000 |
| [[8.8 5MBP3; 141->285; Block A; 15Feb 2100 CET] Draft TS 26.517 V0.0.1 -> for agreement as basis for further work](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;f22c81bf.2202D&S=) | Richard Bradbury | Tue, 22 Feb 2022 20:56:45 +0000 |

**Revisions:**

· none

**Online Discussion:**

* Richard presented.
* Offline call scheduled for 18th February at 14:30 UTC / 15:30 CET.

**Decision:**

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**S4-220141** is **revised to S4-220285.**

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| [S4-220](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220141.zip)285 | Skeleton TS 26.517 "5G Multicast-Broadcast User Services; Protocols and Formats" | BBC (editor) | Richard Bradbury |

<https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/S4-220285.zip>

* Presented by Richard

**Decision:**

* 285 is agreed·

**S4-220285** is **agreed**

## 8.9 5GMS\_EDGE\_3 (Edge Extensions to 5GMS Stage 3)

**General Discussion on EDGE**

|  |  |  |
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| [[EDGE] continued edge offline](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;b7eca159.2202C&S=) | Imed Bouazizi | Wed, 16 Feb 2022 23:08:13 +0000 |
| [[EDGE] continued edge offline](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;323b47.2202C&S=) | Imed Bouazizi | Fri, 18 Feb 2022 22:32:51 +0000 |
| [[EDGE] Edge offline discussions and CR editing](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;6f8b2def.2202C&S=) | Imed Bouazizi | Tue, 15 Feb 2022 21:15:18 +0000 |
| [[EDGE] Revisions r03 of Edge CRs](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;3be09b23.2202C&S=) | Imed Bouazizi | Mon, 21 Feb 2022 06:32:58 +0000 |
| [[EDGE] Revisions r03 of Edge CRs](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;4ae37a6.2202C&S=) | Richard Bradbury | Mon, 21 Feb 2022 15:29:29 +0000 |
| [[EDGE] Revisions r04 of Edge CRs and OpenAPI implementation](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;76395b2e.2202D&S=) | Imed Bouazizi | Tue, 22 Feb 2022 07:53:02 +0000 |
| [[EDGE] Revisions r04 of Edge CRs and OpenAPI implementation](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;72fdb0cd.2202D&S=) | Richard Bradbury | Tue, 22 Feb 2022 17:17:11 +0000 |
| [[EDGE] Revisions r04 of Edge CRs and OpenAPI implementation](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;b3b0588d.2202D&S=) | Imed Bouazizi | Tue, 22 Feb 2022 18:30:38 +0000 |
| [[EDGE] Revisions r04 of Edge CRs and OpenAPI implementation](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;5cb37066.2202D&S=) | Iraj Sodagar | Tue, 22 Feb 2022 18:36:52 +0000 |
| [[EDGE] Revisions r04 of Edge CRs and OpenAPI implementation](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;2f28064d.2202D&S=) | Richard Bradbury | Tue, 22 Feb 2022 18:49:44 +0000 |
| [[EDGE] Revisions r04 of Edge CRs and OpenAPI implementation](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;c3c58a85.2202D&S=) | Richard Bradbury | Tue, 22 Feb 2022 18:59:40 +0000 |
| [[EDGE] Revisions r04 of Edge CRs and OpenAPI implementation](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;410f0d25.2202D&S=) | Iraj Sodagar | Tue, 22 Feb 2022 19:19:10 +0000 |
| [[EDGE] Revisions r04 of Edge CRs and OpenAPI implementation](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;1324342b.2202D&S=) | Imed Bouazizi | Tue, 22 Feb 2022 19:36:33 +0000 |
| [[EDGE] Revisions r04 of Edge CRs and OpenAPI implementation](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;539348ed.2202D&S=) | Imed Bouazizi | Tue, 22 Feb 2022 19:39:38 +0000 |
| [[EDGE] Revisions r04 of Edge CRs and OpenAPI implementation](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;d4522690.2202D&S=) | Imed Bouazizi | Tue, 22 Feb 2022 19:42:02 +0000 |
| [[EDGE] Revisions r04 of Edge CRs and OpenAPI implementation](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;ea579ed8.2202D&S=) | Imed Bouazizi | Tue, 22 Feb 2022 21:21:35 +0000 |
| [[EDGE] Revisions r04 of Edge CRs and OpenAPI implementation](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;1a847eea.2202D&S=) | Richard Bradbury | Wed, 23 Feb 2022 11:25:27 +0000 |
| [[EDGE] Updates to exception sheet](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;6db2b62d.2202C&S=) | Imed Bouazizi | Tue, 15 Feb 2022 21:51:53 +0000 |
| [[EDGE] Updates to exception sheet](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;bc431d2c.2202C&S=) | Richard Bradbury | Tue, 15 Feb 2022 22:54:33 +0000 |

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| [S4-220075](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220075.zip) | Edge Provisioning for Media Services | QUALCOMM Europe Inc. - Italy | Imed Bouazizi |

**E-mail Discussion:**

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| [[8.9 5GMS\_EDGE\_3; 075; Block A; 15Feb 2000 CET] dCR to 26.512 on Edge Provisioning for Media Services -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;355e6132.2202B&S=) | Gabin, Frederic | Mon, 14 Feb 2022 19:48:50 +0000 |
| [[8.9 5GMS\_EDGE\_3; 075; Block A; 15Feb 2000 CET] dCR to 26.512 on Edge Provisioning for Media Services -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;a09cb58b.2202B&S=) | Richard Bradbury | Mon, 14 Feb 2022 20:34:40 +0000 |
| [[8.9 5GMS\_EDGE\_3; 075; Block A; 15Feb 2000 CET] dCR to 26.512 on Edge Provisioning for Media Services -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;f0c6659f.2202C&S=) | Iraj Sodagar | Tue, 15 Feb 2022 02:27:47 +0000 |
| [[8.9 5GMS\_EDGE\_3; 075; Block A; 15Feb 2000 CET] dCR to 26.512 on Edge Provisioning for Media Services -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;3437fd9e.2202C&S=) | Thorsten Lohmar | Tue, 15 Feb 2022 08:31:36 +0000 |
| [[8.9 5GMS\_EDGE\_3; 075; Block A; 15Feb 2000 CET] dCR to 26.512 on Edge Provisioning for Media Services -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;ceea6507.2202C&S=) | Prakash Kolan | Tue, 15 Feb 2022 18:50:33 +0000 |
| [[8.9 5GMS\_EDGE\_3; 075; Block A; 15Feb 2000 CET] dCR to 26.512 on Edge Provisioning for Media Services -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;f1b55682.2202C&S=) | Gabin, Frederic | Tue, 15 Feb 2022 19:11:36 +0000 |
| [[8.9 5GMS\_EDGE\_3; 075; Block A; 15Feb 2000 CET] dCR to 26.512 on Edge Provisioning for Media Services -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;7f656f69.2202C&S=) | Imed Bouazizi | Tue, 15 Feb 2022 19:20:06 +0000 |
| [[8.9 5GMS\_EDGE\_3; 075; Block A; 15Feb 2000 CET] dCR to 26.512 on Edge Provisioning for Media Services -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;d7fa192.2202C&S=) | Richard Bradbury | Tue, 15 Feb 2022 19:23:55 +0000 |
| [[8.9 5GMS\_EDGE\_3; 075; Block A; 15Feb 2000 CET] dCR to 26.512 on Edge Provisioning for Media Services -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;afa8c9b3.2202C&S=) | Imed Bouazizi | Tue, 15 Feb 2022 19:31:59 +0000 |
| [[8.9 5GMS\_EDGE\_3; 075; Block A; 15Feb 2000 CET] dCR to 26.512 on Edge Provisioning for Media Services -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;e81dda1f.2202C&S=) | Imed Bouazizi | Tue, 15 Feb 2022 19:37:30 +0000 |
| [[8.9 5GMS\_EDGE\_3; 075; Block A; 15Feb 2000 CET] dCR to 26.512 on Edge Provisioning for Media Services -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;fa67259d.2202C&S=) | Imed Bouazizi | Tue, 15 Feb 2022 19:49:56 +0000 |
| [[8.9 5GMS\_EDGE\_3; 075; Block A; 15Feb 2000 CET] dCR to 26.512 on Edge Provisioning for Media Services -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;4cd1a843.2202C&S=) | Imed Bouazizi | Tue, 15 Feb 2022 19:53:14 +0000 |
| [[8.9 5GMS\_EDGE\_3; 075; Block A; 15Feb 2000 CET] dCR to 26.512 on Edge Provisioning for Media Services -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;5e2d87e.2202C&S=) | Imed Bouazizi | Tue, 15 Feb 2022 19:55:18 +0000 |
| [[8.9 5GMS\_EDGE\_3; 075; Block A; 15Feb 2000 CET] dCR to 26.512 on Edge Provisioning for Media Services -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;51ac8427.2202C&S=) | Iraj Sodagar | Tue, 15 Feb 2022 20:31:54 +0000 |
| [[8.9 5GMS\_EDGE\_3; 075; Block A; 15Feb 2000 CET] dCR to 26.512 on Edge Provisioning for Media Services -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;d16f7bfd.2202C&S=) | Iraj Sodagar | Tue, 15 Feb 2022 20:31:56 +0000 |

**Revisions:**

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| --- | --- |
| [S4-220075r03\_BBC.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220075r03_BBC.docx) | 2022/02/21 15:28 |
| [S4-220075r04.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220075r04.docx) | 2022/02/22 7:48 |
| [S4-220075r04\_BBC.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220075r04_BBC.docx) | 2022/02/22 17:13 |
| [S4-220075r05\_BBC.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220075r05_BBC.docx) | 2022/02/23 14:09 |
| [S4-220075\_BBC.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220075_BBC.docx) | 2022/02/14 20:31 |
| [S4-220075\_r03.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220075_r03.docx) | 2022/02/21 6:29 |
| [S4-220075\_r05.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220075_r05.docx) | 2022/02/22 19:40 |

**Online Discussion:**

* Imed presents.
* Offline call scheduled for 16th February at 15:00 UTC / 16:00 CET.
* Imed summaries the offline
* .Imed presents r05 version
* R05
* Iraj: should we do a dCR or CR
* Richard: there are some bugs. But, there is not detailed Stage 2 (or Stage 2.5). Many aspects are present, but not all.
* Richard: better postpone

**Decision:**

· revise to 292 and postpone

**S4-220075r05** is **revised to S4-220292. S4-220292 is postponed**

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| [S4-220076](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220076.zip) | Edge Configuration for 5G Media Services | QUALCOMM Europe Inc. - Italy | Imed Bouazizi |

**E-mail Discussion:**

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| [[8.9 5GMS\_EDGE\_3; 076; Block A; 15Feb 2000 CET] dCR to 26.512 on Edge Configuration over M5 for Media Services -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;8c5f40b5.2202B&S=) | Gabin, Frederic | Mon, 14 Feb 2022 19:49:00 +0000 |
| [[8.9 5GMS\_EDGE\_3; 076; Block A; 15Feb 2000 CET] dCR to 26.512 on Edge Configuration over M5 for Media Services -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;4069584c.2202B&S=) | Richard Bradbury | Mon, 14 Feb 2022 20:38:30 +0000 |
| [[8.9 5GMS\_EDGE\_3; 076; Block A; 15Feb 2000 CET] dCR to 26.512 on Edge Configuration over M5 for Media Services -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;c0f73ef6.2202B&S=) | panqi (E) | Mon, 14 Feb 2022 21:39:41 +0000 |
| [[8.9 5GMS\_EDGE\_3; 076; Block A; 15Feb 2000 CET] dCR to 26.512 on Edge Configuration over M5 for Media Services -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;86787edd.2202C&S=) | Iraj Sodagar | Tue, 15 Feb 2022 02:58:44 +0000 |
| [[8.9 5GMS\_EDGE\_3; 076; Block A; 15Feb 2000 CET] dCR to 26.512 on Edge Configuration over M5 for Media Services -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;d22af7f1.2202C&S=) | Thorsten Lohmar | Tue, 15 Feb 2022 08:56:43 +0000 |
| [[8.9 5GMS\_EDGE\_3; 076; Block A; 15Feb 2000 CET] dCR to 26.512 on Edge Configuration over M5 for Media Services -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;7c3c09e2.2202C&S=) | Richard Bradbury | Tue, 15 Feb 2022 13:18:00 +0000 |
| [[8.9 5GMS\_EDGE\_3; 076; Block A; 15Feb 2000 CET] dCR to 26.512 on Edge Configuration over M5 for Media Services -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;f79d686f.2202C&S=) | Imed Bouazizi | Tue, 15 Feb 2022 18:08:27 +0000 |
| [[8.9 5GMS\_EDGE\_3; 076; Block A; 15Feb 2000 CET] dCR to 26.512 on Edge Configuration over M5 for Media Services -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;fefd0ace.2202C&S=) | Imed Bouazizi | Tue, 15 Feb 2022 18:08:50 +0000 |
| [[8.9 5GMS\_EDGE\_3; 076; Block A; 15Feb 2000 CET] dCR to 26.512 on Edge Configuration over M5 for Media Services -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;5e016785.2202C&S=) | Imed Bouazizi | Tue, 15 Feb 2022 18:10:20 +0000 |
| [[8.9 5GMS\_EDGE\_3; 076; Block A; 15Feb 2000 CET] dCR to 26.512 on Edge Configuration over M5 for Media Services -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;d74fbbe4.2202C&S=) | Imed Bouazizi | Tue, 15 Feb 2022 18:43:58 +0000 |
| [[8.9 5GMS\_EDGE\_3; 076; Block A; 15Feb 2000 CET] dCR to 26.512 on Edge Configuration over M5 for Media Services -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;9c1c1e6c.2202C&S=) | Imed Bouazizi | Tue, 15 Feb 2022 18:52:21 +0000 |
| [[8.9 5GMS\_EDGE\_3; 076; Block A; 15Feb 2000 CET] dCR to 26.512 on Edge Configuration over M5 for Media Services -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;292ad801.2202C&S=) | Richard Bradbury | Tue, 15 Feb 2022 19:06:13 +0000 |
| [[8.9 5GMS\_EDGE\_3; 076; Block A; 15Feb 2000 CET] dCR to 26.512 on Edge Configuration over M5 for Media Services -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;c5c12ad4.2202C&S=) | Iraj Sodagar | Tue, 15 Feb 2022 19:07:51 +0000 |
| [[8.9 5GMS\_EDGE\_3; 076; Block A; 15Feb 2000 CET] dCR to 26.512 on Edge Configuration over M5 for Media Services -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;1108ff07.2202C&S=) | Imed Bouazizi | Tue, 15 Feb 2022 19:16:27 +0000 |
| [[8.9 5GMS\_EDGE\_3; 076; Block A; 15Feb 2000 CET] dCR to 26.512 on Edge Configuration over M5 for Media Services -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;50b76445.2202C&S=) | Gabin, Frederic | Tue, 15 Feb 2022 19:17:55 +0000 |
| [[8.9 5GMS\_EDGE\_3; 076; Block A; 15Feb 2000 CET] dCR to 26.512 on Edge Configuration over M5 for Media Services -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;93478a1d.2202C&S=) | Richard Bradbury | Tue, 15 Feb 2022 19:20:15 +0000 |

**Revisions:**

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| [S4-220076r03\_BBC.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220076r03_BBC.docx) | 2022/02/21 15:28 |
| [S4-220076r04.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220076r04.docx) | 2022/02/22 7:48 |
| [S4-220076r04\_BBC.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220076r04_BBC.docx) | 2022/02/22 17:13 |
| [S4-220076r05\_BBC.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220076r05_BBC.docx) | 2022/02/23 14:09 |
| [S4-220076\_BBC.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220076_BBC.docx) | 2022/02/14 20:36 |
| [S4-220076\_r03.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220076_r03.docx) | 2022/02/21 6:29 |
| [S4-220076\_r05.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220076_r05.docx) | 2022/02/22 19:40 |

* 076r05 was presented by Imed

**Online Discussion:**

* Presented by Imed together with 220075.
* See online minutes of 220075.
* Offline call scheduled for 16th February at 15:00 UTC / 16:00 CET.
* .Imed presents r05 version
* This is a CR not dCR
* Richard: lacks stage 2.5 text associated with this document; could be added in future; thinks we’re nearly complete; wishes to postpone agreement, but can agree as basis for future work
* Frederic: we already have exception sheet for the work item
* To produce new Tdocs (-292 and -293) from this and 075 but 076 is postponed

**Decision:**

· revised to 293 and 293 is postponed

**S4-220076** is **revised** to **S4-220293** which is **postponed.**

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| [S4-220077](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220077.zip) | exception sheet for EDGE\_3 | QUALCOMM Europe Inc. - Italy | Imed Bouazizi |

**E-mail Discussion:**

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| [[8.9 5GMS\_EDGE\_3; 077, 176; Block A; 15Feb 2000 CET] discussion paper on Edge-related APIs in M6 and Exception sheet -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;f28be45a.2202B&S=) | Gabin, Frederic | Mon, 14 Feb 2022 19:49:26 +0000 |
| [[8.9 5GMS\_EDGE\_3; 077, 176; Block A; 15Feb 2000 CET] discussion paper on Edge-related APIs in M6 and Exception sheet -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;efa43a1e.2202B&S=) | Richard Bradbury | Mon, 14 Feb 2022 21:15:06 +0000 |
| [[8.9 5GMS\_EDGE\_3; 077, 176; Block A; 15Feb 2000 CET] discussion paper on Edge-related APIs in M6 and Exception sheet -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;93a277fd.2202B&S=) | Imed Bouazizi | Mon, 14 Feb 2022 22:40:30 +0000 |
| [[8.9 5GMS\_EDGE\_3; 077, 176; Block A; 15Feb 2000 CET] discussion paper on Edge-related APIs in M6 and Exception sheet -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;bd2c23f0.2202C&S=) | Richard Bradbury | Tue, 15 Feb 2022 00:12:40 +0000 |
| [[8.9 5GMS\_EDGE\_3; 077, 176; Block A; 15Feb 2000 CET] discussion paper on Edge-related APIs in M6 and Exception sheet -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;18814b7e.2202C&S=) | Iraj Sodagar | Tue, 15 Feb 2022 02:49:23 +0000 |
| [[8.9 5GMS\_EDGE\_3; 077, 176; Block A; 15Feb 2000 CET] discussion paper on Edge-related APIs in M6 and Exception sheet -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;8e3bbeb7.2202C&S=) | Gabin, Frederic | Tue, 15 Feb 2022 19:27:19 +0000 |

**Revisions:**

|  |  |
| --- | --- |
| [S4-220077r01\_EDGE3\_WI\_Exception.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220077r01_EDGE3_WI_Exception.docx) | 2022/02/15 21:49 |

**Online Discussion:**

* Imed to add “minimal” before “M6 API” in the first bullet point.
* Fred: We need revision of 077. Imed to provide it with the above and the removal of management in the same bullet.

**Decision:**

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**S4-220077** is **revised to S4-220295.**

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| [S4-220083](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220083.zip) | [EDGE] Triggering discussion on triggering edge servers | Tencent Cloud | Iraj Sodagar |

**E-mail Discussion:**

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| [[8.9 5GMS\_EDGE\_3; do we want to add event-based tgriggering?; Block A; 15Feb 2000 CET] discussion paper on Triggering discussion on triggering events for edge servers -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;43f460d6.2202B&S=) | Gabin, Frederic | Mon, 14 Feb 2022 19:49:12 +0000 |
| [[8.9 5GMS\_EDGE\_3; 083; Block A; 15Feb 2000 CET] discussion paper on Triggering discussion on triggering events for edge servers -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;98b42339.2202B&S=) | Imed Bouazizi | Mon, 14 Feb 2022 20:29:35 +0000 |
| [[8.9 5GMS\_EDGE\_3; 083; Block A; 15Feb 2000 CET] discussion paper on Triggering discussion on triggering events for edge servers -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;a1002d36.2202B&S=) | Iraj Sodagar | Mon, 14 Feb 2022 20:38:19 +0000 |
| [[8.9 5GMS\_EDGE\_3; 083; Block A; 15Feb 2000 CET] discussion paper on Triggering discussion on triggering events for edge servers -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;c5e7b310.2202B&S=) | Richard Bradbury | Mon, 14 Feb 2022 20:42:00 +0000 |
| [[8.9 5GMS\_EDGE\_3; 083; Block A; 15Feb 2000 CET] discussion paper on Triggering discussion on triggering events for edge servers -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;39b0435b.2202B&S=) | panqi (E) | Mon, 14 Feb 2022 21:02:40 +0000 |
| [[8.9 5GMS\_EDGE\_3; 083; Block A; 15Feb 2000 CET] discussion paper on Triggering discussion on triggering events for edge servers -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;aaa69740.2202C&S=) | Iraj Sodagar | Tue, 15 Feb 2022 02:44:37 +0000 |
| [[8.9 5GMS\_EDGE\_3; 083; Block A; 15Feb 2000 CET] discussion paper on Triggering discussion on triggering events for edge servers -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;a1d206df.2202C&S=) | Richard Bradbury | Tue, 15 Feb 2022 11:36:39 +0000 |
| [[8.9 5GMS\_EDGE\_3; 083; Block A; 15Feb 2000 CET] discussion paper on Triggering discussion on triggering events for edge servers -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;51472937.2202C&S=) | Richard Bradbury | Tue, 15 Feb 2022 11:39:12 +0000 |
| [[8.9 5GMS\_EDGE\_3; 083; Block A; 15Feb 2000 CET] discussion paper on Triggering discussion on triggering events for edge servers -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;c88a1c6d.2202C&S=) | Prakash Kolan | Tue, 15 Feb 2022 19:13:08 +0000 |
| [[8.9 5GMS\_EDGE\_3; 083; Block A; 15Feb 2000 CET] discussion paper on Triggering discussion on triggering events for edge servers -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;48e3651f.2202C&S=) | Gabin, Frederic | Tue, 15 Feb 2022 19:23:09 +0000 |
| [[8.9 5GMS\_EDGE\_3; 083; Block A; 15Feb 2000 CET] discussion paper on Triggering discussion on triggering events for edge servers -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;e48dec58.2202C&S=) | Iraj Sodagar | Tue, 15 Feb 2022 20:16:40 +0000 |

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| [[8.9 5GMS\_EDGE\_3; 083; Block A; 15Feb 2000 CET] discussion paper on Triggering discussion on triggering events for edge servers -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;dae8b74e.2202D&S=) | Iraj Sodagar | Tue, 22 Feb 2022 18:56:12 +0000 |

**Revisions:**

|  |  |
| --- | --- |
| [S4-220083-EDGE-EventdrivenEdge\_r01.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220083-EDGE-EventdrivenEdge_r01.docx) | 2022/02/15 20:10 |
| [S4-220083-EDGE-EventdrivenEdge\_r02.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220083-EDGE-EventdrivenEdge_r02.docx) | 2022/02/22 18:51 |

**Online Discussion:**

* Iraj presents.
* Requested to be handled in the offline call together with 220075.
* Agreed.
* Goes to the call : Offline call scheduled for 16th February at 15:00 UTC / 16:00 CET.
* R02 presented by Iraj
* Imed: make sense to have the EAS event triggering.
* Exception sheet in -077 will need to be revised since we’ll agree -294; 077 -> 295

**Decision:**

· revised to 294. 294 is agreed

**S4-220083** is **revised to S4-220294.**

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| [S4-220](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220083.zip)294 | [EDGE] Triggering discussion on triggering edge servers | Tencent Cloud | Iraj Sodagar |

**Decision:**

· is agreed

**S4-220294** is **agreed.**

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| --- | --- | --- | --- |
| [S4-220176](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220176.zip) | Edge-related APIs in M6 | QUALCOMM Europe Inc. - Italy | Imed Bouazizi |

**E-mail Discussion:**

**Revisions:**

· none

**Online Discussion:**

* Iraj: Suggested waiting for Rel-18.
* Imed: It may be possible to specify the bare minimum in Rel-17 M6.
* Fred: Align with EDGE-5 if/when defined by SA6.
* Iraj: If we add to scope of Work Item, is it OK if we don’t achieve it?
* Fred: Yes.
* Iraj: Fine to add it to do more discussion.
* Fred: The exception sheet in 077 is what matters in terms of wording.

**Decision:**

·

**S4-220176** is **noted.**

|  |  |  |  |
| --- | --- | --- | --- |
| S4-220177 | OpenAPI and yaml for Edge APIs | QUALCOMM Europe Inc. - Italy | Imed Bouazizi |

**E-mail Discussion:**

**Revisions:**

|  |  |
| --- | --- |
| [S4-220177\_CR0018\_Edge\_OpenAPI.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220177_CR0018_Edge_OpenAPI.docx) | 2022/02/22 7:48 |
| [S4-220177\_CR0018\_Edge\_OpenAPI\_r01.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220177_CR0018_Edge_OpenAPI_r01.docx) | 2022/02/22 19:40 |

**Online Discussion:**

· none

**Decision:**

·

**S4-220177** is **postponed.**

## 8.10 FS\_5GMS\_EXT (Study on 5G media streaming extensions)

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| --- | --- | --- | --- |
| S4-220025 | [FS\_5GMS-EXT] Key Topic Content Aware Streaming | Qualcomm Incorporated | Thomas Stockhammer |

**E-mail Discussion:**

**Revisions:**

· none

**Online Discussion:**

· none

**Decision:**

·

**S4-220025** is **withdrawn.**

|  |  |  |  |
| --- | --- | --- | --- |
| S4-220026 | [FS\_5GMS-EXT] Key Topic Support for encrypted and high-value content | Qualcomm Incorporated | Thomas Stockhammer |

**E-mail Discussion:**

**Revisions:**

· none

**Online Discussion:**

· none

**Decision:**

·

**S4-220026** is **withdrawn.**

|  |  |  |  |
| --- | --- | --- | --- |
| [S4-220027](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220027.zip) | [FS\_5GMS\_EXT] TV-grade mass distribution of unicast Live Services | Qualcomm Incorporated | Thomas Stockhammer |

**E-mail Discussion:**

|  |  |  |
| --- | --- | --- |
| [[8.10 FS\_5GMS\_EXT; 027; Block A; 18Feb 2000 CET] pCR 26.804 TV-grade mass distribution of unicast Live Services -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;27a606c6.2202C&S=) | Gabin, Frederic | Thu, 17 Feb 2022 14:29:46 +0000 |
| [[8.10 FS\_5GMS\_EXT; 027; Block A; 18Feb 2000 CET] pCR 26.804 TV-grade mass distribution of unicast Live Services -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;65dbe48.2202C&S=) | Richard Bradbury | Thu, 17 Feb 2022 19:26:31 +0000 |
| [[8.10 FS\_5GMS\_EXT; 027; Block A; 18Feb 2000 CET] pCR 26.804 TV-grade mass distribution of unicast Live Services -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;19e3229d.2202C&S=) | Thorsten Lohmar | Fri, 18 Feb 2022 16:14:07 +0000 |
| [[8.10 FS\_5GMS\_EXT; 027; Block A; 18Feb 2000 CET] pCR 26.804 TV-grade mass distribution of unicast Live Services -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;f1fc89f4.2202C&S=) | Gabin, Frederic | Fri, 18 Feb 2022 19:53:03 +0000 |
| [[8.10 FS\_5GMS\_EXT; 027; Block A; 18Feb 2000 CET] pCR 26.804 TV-grade mass distribution of unicast Live Services -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;9ffcdef0.2202C&S=) | Thomas Stockhammer | Fri, 18 Feb 2022 19:58:24 +0000 |
| [[8.10 FS\_5GMS\_EXT; 027; Block A; 18Feb 2000 CET] pCR 26.804 TV-grade mass distribution of unicast Live Services -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;3702aae5.2202C&S=) | Thorsten Lohmar | Fri, 18 Feb 2022 20:44:51 +0000 |
| [[8.10 FS\_5GMS\_EXT; 027; Block A; 18Feb 2000 CET] pCR 26.804 TV-grade mass distribution of unicast Live Services -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;73aff37d.2202C&S=) | Thomas Stockhammer | Fri, 18 Feb 2022 21:55:29 +0000 |
| [[8.10 FS\_5GMS\_EXT; 027; Block A; 18Feb 2000 CET] pCR 26.804 TV-grade mass distribution of unicast Live Services -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;5721dcae.2202C&S=) | Richard Bradbury | Mon, 21 Feb 2022 10:09:30 +0000 |
| [[8.10 FS\_5GMS\_EXT; 027; Block A; 18Feb 2000 CET] pCR 26.804 TV-grade mass distribution of unicast Live Services -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;c3d24001.2202C&S=) | Thomas Stockhammer | Mon, 21 Feb 2022 18:25:31 +0000 |
| [[8.10 FS\_5GMS\_EXT; 027; Block A; 18Feb 2000 CET] pCR 26.804 TV-grade mass distribution of unicast Live Services -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;10019e74.2202C&S=) | Thorsten Lohmar | Mon, 21 Feb 2022 20:01:49 +0000 |
| [[8.10 FS\_5GMS\_EXT; 027; Block A; 18Feb 2000 CET] pCR 26.804 TV-grade mass distribution of unicast Live Services -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;a3526ae8.2202C&S=) | Richard Bradbury | Mon, 21 Feb 2022 20:48:03 +0000 |
| [[8.10 FS\_5GMS\_EXT; 027; Block A; 18Feb 2000 CET] pCR 26.804 TV-grade mass distribution of unicast Live Services -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;1abc43e.2202D&S=) | Thomas Stockhammer | Tue, 22 Feb 2022 10:07:17 +0000 |
| [[8.10 FS\_5GMS\_EXT; 072; Block A; 18Feb 2000 CET] Proposed Work Plan v(5.0) -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;155c9c02.2202C&S=) | Gabin, Frederic | Thu, 17 Feb 2022 14:30:03 +0000 |
| [[8.10 FS\_5GMS\_EXT; 072; Block A; 18Feb 2000 CET] Proposed Work Plan v(5.0) -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;e1c7489c.2202C&S=) | Thomas Stockhammer | Fri, 18 Feb 2022 16:57:11 +0000 |
| [[8.10 FS\_5GMS\_EXT; 072; Block A; 18Feb 2000 CET] Proposed Work Plan v(5.0) -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;3b452074.2202C&S=) | Gabin, Frederic | Fri, 18 Feb 2022 20:16:34 +0000 |

**Revisions:**

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| --- | --- |
| [S4-220027r01.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220027r01.docx) | 2022/02/18 19:56 |
| [S4-220027r01\_Dolby.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220027r01_Dolby.docx) | 2022/02/18 21:13 |
| [S4-220027\_BBC.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220027_BBC.docx) | 2022/02/17 19:25 |

**Online Discussion:**

* Thomas presented r01.
* Clarification that the delay is the max delay in the summary of service requirements clause for Mass grade TV distribution.
* The ADG is clarified to be comprised within a 1-sec window.
* Frédéric: Is it covering services offered to multiple clients?
* Thomas: It is addressed and is part of the use cases described. Scalability is one of the issues coming from the distribution to many clients for instance.

**Decision:**

* Revised into 245.

**S4-220027** is **revised to S4-220245.**

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| [S4-220](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220027.zip)245 | [FS\_5GMS\_EXT] TV-grade mass distribution of unicast Live Services | Qualcomm Incorporated | Thomas Stockhammer |

Thomas presented r01

|  |  |
| --- | --- |
| [**S4-220245r01.docx**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220245r01.docx) | **2022/02/22 10:06** |

**Decision:**

* .

**S4-220245** is **agreed with r01 revisions and will be merged into 248.**

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| [S4-220072](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220072.zip) | [FS\_5GMS\_EXT] Updated Workplan | Tencent Cloud | Iraj Sodagar |

**E-mail Discussion:**

**Revisions:**

· none

**Online Discussion:**

* No need to extend the study.
* Some topics may be part of new studies.

**Decision:**

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**S4-220072** is **noted.**

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| [S4-220078](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220078.zip) | Proposed conclusion on BDT | QUALCOMM Europe Inc. - Italy | Imed Bouazizi |

**E-mail Discussion:**

|  |  |  |
| --- | --- | --- |
| [[8.10 FS\_5GMS\_EXT; 078; Block A; 18Feb 2000 CET] pCR 26.804 Conclusion for the BDT (Background Data Transfer) key issue -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;3c5550ff.2202C&S=) | Gabin, Frederic | Thu, 17 Feb 2022 14:29:52 +0000 |
| [[8.10 FS\_5GMS\_EXT; 078; Block A; 18Feb 2000 CET] pCR 26.804 Conclusion for the BDT (Background Data Transfer) key issue -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;df80436d.2202C&S=) | Richard Bradbury | Thu, 17 Feb 2022 19:31:14 +0000 |
| [[8.10 FS\_5GMS\_EXT; 078; Block A; 18Feb 2000 CET] pCR 26.804 Conclusion for the BDT (Background Data Transfer) key issue -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;ae9b5580.2202C&S=) | Thorsten Lohmar | Fri, 18 Feb 2022 16:17:17 +0000 |
| [[8.10 FS\_5GMS\_EXT; 078; Block A; 18Feb 2000 CET] pCR 26.804 Conclusion for the BDT (Background Data Transfer) key issue -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;a2cb74e4.2202C&S=) | Imed Bouazizi | Fri, 18 Feb 2022 17:56:53 +0000 |
| [[8.10 FS\_5GMS\_EXT; 078; Block A; 18Feb 2000 CET] pCR 26.804 Conclusion for the BDT (Background Data Transfer) key issue -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;df24c4ce.2202C&S=) | Imed Bouazizi | Fri, 18 Feb 2022 17:57:05 +0000 |
| [[8.10 FS\_5GMS\_EXT; 078; Block A; 18Feb 2000 CET] pCR 26.804 Conclusion for the BDT (Background Data Transfer) key issue -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;8d84fdb0.2202C&S=) | Thorsten Lohmar | Fri, 18 Feb 2022 18:04:14 +0000 |
| [[8.10 FS\_5GMS\_EXT; 078; Block A; 18Feb 2000 CET] pCR 26.804 Conclusion for the BDT (Background Data Transfer) key issue -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;6a4bbe2.2202C&S=) | Gabin, Frederic | Fri, 18 Feb 2022 20:01:21 +0000 |
| [[8.10 FS\_5GMS\_EXT; 078; Block A; 18Feb 2000 CET] pCR 26.804 Conclusion for the BDT (Background Data Transfer) key issue -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;d782d01c.2202D&S=) | Thorsten Lohmar | Wed, 23 Feb 2022 10:26:51 +0000 |

**Revisions:**

|  |  |
| --- | --- |
| [S4-220078\_BBC.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220078_BBC.docx) | 2022/02/17 19:29 |
| [S4-220078\_r01.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220078_r01.docx) | 2022/02/18 21:20 |

**Online Discussion:**

* Imed presented r01.
* Thorsten: We would need a new R-18 WI for the first bullet of the conclusion.
* Imed: Correct.

**Decision:**

* Revised to 247 agreed without presentation.

**S4-220078** is **revised to S4-220247 which is agreed without presentation.**

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| [S4-220107](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220107.zip) | [FS\_5GMS-EXT] Updating existing specifications to allow HTTP/3 | Tencent | Spencer Dawkins |

**E-mail Discussion:**

**Revisions:**

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| --- | --- |
| [S4-220107\_BBC.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220107_BBC.docx) | 2022/02/18 22:26 |

**Online Discussion:**

* Spencer presented rBBC.

**Decision:**

* Revised to 249.

**S4-220107** is **revised to S4-220249 which is agreed without presentation.**

|  |  |  |  |
| --- | --- | --- | --- |
| [S4-220147](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220147.zip) | [FS\_5GMS\_EXT]: Corrections and Conclusions for Traffic Identification KI | Ericsson LM | Thorsten Lohmar |

**E-mail Discussion:**

|  |  |  |
| --- | --- | --- |
| [[8.10 FS\_5GMS\_EXT; 147; Block A; 18Feb 2000 CET] pCR 26.804 Corrections and Conclusions for Traffic Identification KI -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;17ffebc9.2202C&S=) | Gabin, Frederic | Thu, 17 Feb 2022 14:29:54 +0000 |
| [[8.10 FS\_5GMS\_EXT; 147; Block A; 18Feb 2000 CET] pCR 26.804 Corrections and Conclusions for Traffic Identification KI -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;a86b6145.2202C&S=) | Richard Bradbury | Thu, 17 Feb 2022 19:40:34 +0000 |
| [[8.10 FS\_5GMS\_EXT; 147; Block A; 18Feb 2000 CET] pCR 26.804 Corrections and Conclusions for Traffic Identification KI -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;5870258b.2202C&S=) | Thorsten Lohmar | Fri, 18 Feb 2022 17:12:30 +0000 |
| [[8.10 FS\_5GMS\_EXT; 147; Block A; 18Feb 2000 CET] pCR 26.804 Corrections and Conclusions for Traffic Identification KI -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;320f4a21.2202C&S=) | Thorsten Lohmar | Fri, 18 Feb 2022 17:52:08 +0000 |
| [[8.10 FS\_5GMS\_EXT; 147; Block A; 18Feb 2000 CET] pCR 26.804 Corrections and Conclusions for Traffic Identification KI -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;88e9d385.2202C&S=) | Richard Bradbury | Fri, 18 Feb 2022 18:31:21 +0000 |
| [[8.10 FS\_5GMS\_EXT; 147; Block A; 18Feb 2000 CET] pCR 26.804 Corrections and Conclusions for Traffic Identification KI -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;c6145cfa.2202C&S=) | Richard Bradbury | Fri, 18 Feb 2022 19:54:24 +0000 |
| [[8.10 FS\_5GMS\_EXT; 147; Block A; 18Feb 2000 CET] pCR 26.804 Corrections and Conclusions for Traffic Identification KI -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;b2259f9b.2202C&S=) | Gabin, Frederic | Fri, 18 Feb 2022 20:03:20 +0000 |
| [[8.10 FS\_5GMS\_EXT; 147; Block A; 18Feb 2000 CET] pCR 26.804 Corrections and Conclusions for Traffic Identification KI -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;f3611759.2202C&S=) | Thorsten Lohmar | Mon, 21 Feb 2022 14:04:52 +0000 |
| [[8.10 FS\_5GMS\_EXT; 147; Block A; 18Feb 2000 CET] pCR 26.804 Corrections and Conclusions for Traffic Identification KI -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;c9320740.2202C&S=) | Richard Bradbury | Mon, 21 Feb 2022 19:16:47 +0000 |
| [[8.10 FS\_5GMS\_EXT; 147; Block A; 18Feb 2000 CET] pCR 26.804 Corrections and Conclusions for Traffic Identification KI -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;9f244d70.2202D&S=) | Thorsten Lohmar | Tue, 22 Feb 2022 13:48:29 +0000 |

**Revisions:**

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| --- | --- |
| [S4-220147r01.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220147r01.docx) | 2022/02/18 17:51 |
| [S4-220147r02.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220147r02.docx) | 2022/02/21 14:03 |
| [S4-220147r02\_BBC.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220147r02_BBC.docx) | 2022/02/21 19:15 |
| [S4-220147r03.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220147r03.docx) | 2022/02/22 13:47 |
| [S4-220147\_BBC.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220147_BBC.docx) | 2022/02/17 19:38 |

**Online Discussion:**

* Thorsten presented r01.
* Richard: page 5, we could keep the note or keep the sentence or removed both.
* Thorsten: It is fine to remove the note and the text on ToS packet labeling.
* Ed: Question about use of IPsec. Request more study if there’s time.
* Thorsten: The intent in the conclusion was to mention we haven’t looked in detail in Ipsec.
* Frédéric: This could be a topic for a new study in release 18.
* Thomas: Aren’t we release-agnostic as a study?
* Frédéric: The goal is to complete this study at this meeting.
* New revision of 147 by Thorsten expected
* r03 presented by Thorsten
* Richard: TOS spelled tos several places
* Thorsten : will correct

**Decision:**

* 147 is agreed

**S4-220147** is **agreed**

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| [S4-22](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220147.zip)0246 | LS to SA2 on Traffic Identification within 5G Media Streaming | Ericsson LM | Thorsten Lohmar |

**E-mail Discussion:**

**Revisions:**

* <https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-22xxxx%20LS%20on%20TrafficIdentification_BBC.docx>

**Online Discussion:**

* Thorsten to improve the text further regarding the action and some typo.
* Thorsten presented latest version
* Qi: may be better to limit scope of LS and just focus on question
* Thorsten: what do you mean?
* Qi: no need to ask them to review 5.3
* Frederic: this has been qualified to only refer to traffic identification aspect of 5.3
* Qi: Ask in the action to review Clause 5.3.5 on potential open issues - might only ask them to review that part only
* Thorsten and Qi to work offline to resolve

**Decision:**

246 -> 305; to be reviewed at closing plenary

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| [S4-220148](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220148.zip) | [FS\_5GMS\_EXT]: Per App authorization | Ericsson LM | Thorsten Lohmar |

**E-mail Discussion:**

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| [[8.10 FS\_5GMS\_EXT; 148; Block A; 18Feb 2000 CET] pCR 26.804 Per App authorization -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;658524da.2202C&S=) | Gabin, Frederic | Thu, 17 Feb 2022 14:29:57 +0000 |
| [[8.10 FS\_5GMS\_EXT; 148; Block A; 18Feb 2000 CET] pCR 26.804 Per App authorization -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;886568dc.2202C&S=) | Richard Bradbury | Thu, 17 Feb 2022 19:44:28 +0000 |
| [[8.10 FS\_5GMS\_EXT; 148; Block A; 18Feb 2000 CET] pCR 26.804 Per App authorization -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;6e9fadfb.2202C&S=) | Thorsten Lohmar | Fri, 18 Feb 2022 18:01:40 +0000 |
| [[8.10 FS\_5GMS\_EXT; 148; Block A; 18Feb 2000 CET] pCR 26.804 Per App authorization -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;8f03f642.2202C&S=) | Imed Bouazizi | Fri, 18 Feb 2022 18:19:07 +0000 |
| [[8.10 FS\_5GMS\_EXT; 148; Block A; 18Feb 2000 CET] pCR 26.804 Per App authorization -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;14b4921d.2202C&S=) | Richard Bradbury | Fri, 18 Feb 2022 18:37:45 +0000 |
| [[8.10 FS\_5GMS\_EXT; 148; Block A; 18Feb 2000 CET] pCR 26.804 Per App authorization -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;a1448d32.2202C&S=) | Gabin, Frederic | Fri, 18 Feb 2022 20:04:58 +0000 |
| [[8.10 FS\_5GMS\_EXT; 148; Block A; 18Feb 2000 CET] pCR 26.804 Per App authorization -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;d11d5a0.2202C&S=) | Thorsten Lohmar | Fri, 18 Feb 2022 20:41:39 +0000 |
| [[8.10 FS\_5GMS\_EXT; 148; Block A; 18Feb 2000 CET] pCR 26.804 Per App authorization -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;957c0f62.2202C&S=) | Charles Lo | Sun, 20 Feb 2022 21:23:47 +0000 |
| [[8.10 FS\_5GMS\_EXT; 148; Block A; 18Feb 2000 CET] pCR 26.804 Per App authorization -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;f53b061e.2202C&S=) | Thorsten Lohmar | Mon, 21 Feb 2022 14:12:59 +0000 |
| [[8.10 FS\_5GMS\_EXT; 148; Block A; 18Feb 2000 CET] pCR 26.804 Per App authorization -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;a1f1d4e4.2202C&S=) | Imed Bouazizi | Mon, 21 Feb 2022 19:21:00 +0000 |
| [[8.10 FS\_5GMS\_EXT; 148; Block A; 18Feb 2000 CET] pCR 26.804 Per App authorization -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;74cb3d8d.2202C&S=) | Charles Lo | Mon, 21 Feb 2022 22:51:29 +0000 |
| [[8.10 FS\_5GMS\_EXT; 148; Block A; 18Feb 2000 CET] pCR 26.804 Per App authorization -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;645efabe.2202D&S=) | Thorsten Lohmar | Tue, 22 Feb 2022 16:40:54 +0000 |
| [[8.10 FS\_5GMS\_EXT; 148; Block A; 18Feb 2000 CET] pCR 26.804 Per App authorization -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;bf00c099.2202D&S=) | Charles Lo | Tue, 22 Feb 2022 17:24:24 +0000 |
| [[8.10 FS\_5GMS\_EXT; 148; Block A; 18Feb 2000 CET] pCR 26.804 Per App authorization -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;c9ec49c9.2202D&S=) | Charles Lo | Tue, 22 Feb 2022 17:25:55 +0000 |
| [[8.10 FS\_5GMS\_EXT; 148; Block A; 18Feb 2000 CET] pCR 26.804 Per App authorization -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;4540f4ab.2202D&S=) | Richard Bradbury | Tue, 22 Feb 2022 18:36:37 +0000 |
| [[8.10 FS\_5GMS\_EXT; 148; Block A; 18Feb 2000 CET] pCR 26.804 Per App authorization -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;28bba2cb.2202D&S=) | Thorsten Lohmar | Tue, 22 Feb 2022 19:48:02 +0000 |

**Revisions:**

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| [S4-220148r01.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220148r01.docx) | 2022/02/18 18:01 |
| [S4-220148r01\_BBC.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220148r01_BBC.docx) | 2022/02/18 18:37 |
| [S4-220148r01\_Qualcomm(CLo).docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220148r01_Qualcomm(CLo).docx) | 2022/02/20 21:22 |
| [S4-220148r02.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220148r02.docx) | 2022/02/18 20:40 |
| [S4-220148r03.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220148r03.docx) | 2022/02/21 14:11 |
| [S4-220148r03\_QCOM.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220148r03_QCOM.docx) | 2022/02/21 19:19 |
| [S4-220148r04.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220148r04.docx) | 2022/02/22 16:39 |
| [S4-220148r04\_Qualcomm.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220148r04_Qualcomm.docx) | 2022/02/22 17:20 |
| [S4-220148r04\_Qualcomm\_BBC.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220148r04_Qualcomm_BBC.docx) | 2022/02/22 18:35 |
| [S4-220148r05.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220148r05.docx) | 2022/02/22 19:47 |
| [S4-220148\_BBC.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220148_BBC.docx) | 2022/02/17 19:43 |

**Online Discussion:**

* Thorsten presented r02.
* Richard: How would the token be passed ? Query string ?
* Thorsten: From the MSH to 5GMS AF for sure but I didn’t think what would be the best instantiation to carry it.
* Thorsten: OAuth doesn’t really apply to the authorization case in our case. Mismatch comes from the resource owner that is different in case of OAuth and our case.\
* Imed: OAuth should be the way to go, supported by SA3. It should be possible to reuse it there too.
* Thorsten: Maybe I should look at it again.
* Fred: Do you have new text Imed to mention the alignment of OAuth and SA3 recommendations?
* Imed: It is fine for now like this as study conclusion.
* Richard: I would suggest changing the log in to authorize.
* Fred: Seems ok for the group.
* Thorsten to make a revision and Imed to help.
* R05 reviewed by Thorsten
* Richard: Fig. 5.9.3-1 should be widened to fill entire page

**Decision**

* **148 is agreed**

**S4-220148r05** is **agreed.**

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| [S4-220172](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220172.zip) | Additional Potential Issues for Network Slicing Extensions | Samsung Electronics Co. Ltd., Qualcomm Incorporated | Prakash Kolan |

**E-mail Discussion:**

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| [[8.10 FS\_5GMS\_EXT; 172, 173; Block A; 18Feb 2000 CET] DPs 26.804 Additional Potential Issues and Use cases for Network Slicing Extensions -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;dc971ad8.2202C&S=) | Gabin, Frederic | Thu, 17 Feb 2022 14:30:00 +0000 |
| [[8.10 FS\_5GMS\_EXT; 172, 173; Block A; 18Feb 2000 CET] DPs 26.804 Additional Potential Issues and Use cases for Network Slicing Extensions -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;4b75c6fd.2202C&S=) | Richard Bradbury | Thu, 17 Feb 2022 19:49:50 +0000 |
| [[8.10 FS\_5GMS\_EXT; 172, 173; Block A; 18Feb 2000 CET] DPs 26.804 Additional Potential Issues and Use cases for Network Slicing Extensions -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;6c9a9e9.2202C&S=) | Prakash Kolan | Fri, 18 Feb 2022 00:58:05 +0000 |
| [[8.10 FS\_5GMS\_EXT; 172, 173; Block A; 18Feb 2000 CET] DPs 26.804 Additional Potential Issues and Use cases for Network Slicing Extensions -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;62ce2ab.2202C&S=) | panqi (E) | Fri, 18 Feb 2022 07:35:50 +0000 |
| [[8.10 FS\_5GMS\_EXT; 172, 173; Block A; 18Feb 2000 CET] DPs 26.804 Additional Potential Issues and Use cases for Network Slicing Extensions -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;f7fc305d.2202C&S=) | Richard Bradbury | Fri, 18 Feb 2022 12:02:25 +0000 |
| [[8.10 FS\_5GMS\_EXT; 172, 173; Block A; 18Feb 2000 CET] DPs 26.804 Additional Potential Issues and Use cases for Network Slicing Extensions -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;b3368743.2202C&S=) | Thorsten Lohmar | Fri, 18 Feb 2022 16:46:09 +0000 |
| [[8.10 FS\_5GMS\_EXT; 172, 173; Block A; 18Feb 2000 CET] DPs 26.804 Additional Potential Issues and Use cases for Network Slicing Extensions -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;6eef946e.2202C&S=) | Prakash Kolan | Fri, 18 Feb 2022 19:20:41 +0000 |
| [[8.10 FS\_5GMS\_EXT; 172, 173; Block A; 18Feb 2000 CET] DPs 26.804 Additional Potential Issues and Use cases for Network Slicing Extensions -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;eec3a3d8.2202C&S=) | Prakash Kolan | Fri, 18 Feb 2022 19:53:28 +0000 |
| [[8.10 FS\_5GMS\_EXT; 172, 173; Block A; 18Feb 2000 CET] DPs 26.804 Additional Potential Issues and Use cases for Network Slicing Extensions -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;55440156.2202C&S=) | Gabin, Frederic | Fri, 18 Feb 2022 20:15:22 +0000 |
| [[8.10 FS\_5GMS\_EXT; 172, 173; Block A; 18Feb 2000 CET] DPs 26.804 Additional Potential Issues and Use cases for Network Slicing Extensions -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;3dcd459b.2202C&S=) | Prakash Kolan | Fri, 18 Feb 2022 20:32:11 +0000 |
| [[8.10 FS\_5GMS\_EXT; 172, 173; Block A; 18Feb 2000 CET] DPs 26.804 Additional Potential Issues and Use cases for Network Slicing Extensions -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;3308330b.2202C&S=) | Thorsten Lohmar | Fri, 18 Feb 2022 20:58:13 +0000 |
| [[8.10 FS\_5GMS\_EXT; 172, 173; Block A; 18Feb 2000 CET] DPs 26.804 Additional Potential Issues and Use cases for Network Slicing Extensions -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;e762ff1d.2202C&S=) | Prakash Kolan | Mon, 21 Feb 2022 19:39:19 +0000 |

**Revisions:**

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| --- | --- |
| [S4-220172r01.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220172r01.docx) | 2022/02/18 20:27 |
| [S4-220172r02.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220172r02.docx) | 2022/02/21 19:36 |

**Online Discussion:**

* Prakash presented r01.
* Thorsten:It could be the ASP inserting information in the MPD but then the MPD needs to work across multiple networks. So preference is no manipulation.
* Thomas: If the DASH client benefits from knowing there are different slices available, different base urls could be used for this (even for HLS).
* Qi: Question about slice and service.
* Thorsten: 1 service = 1 slice. Not a DASH service over multiple slices.
* Fred: How is it specific to a network with slices? If you have no slices or say “1 slice” how is it different? This may not be slice specific.
* Qi: I share this view.
* Thorsten: It is good to study more network slicing.
* New revision expected for the wash-up by Prakash.
* r02 presented by Prakash

**Decision:**

· 172r02 is agreed

**S4-220172r02** is **agreed**

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| [S4-220173](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220173.zip) | Use cases for Network Slicing Extensions for 5G Media Streaming | Samsung Electronics Co., Ltd. | Prakash Kolan |

**E-mail Discussion:**

**Revisions:**

· none

**Online Discussion:**

· none

**Decision:**

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**S4-220173** is **noted.**

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| [S4-220250](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220250.zip) | Use cases for Network Slicing Extensions for 5G Media Streaming | Ericsson | Thorsten Lohmer |

**E-mail Discussion:**

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| [[8.10 FS\_5GMS\_EXT; 250; Block B; 22Feb 2000 CET] pCR 26.804 Conclusions -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;31f84983.2202D&S=) | Gabin, Frederic | Tue, 22 Feb 2022 00:45:17 +0000 |
| [[8.10 FS\_5GMS\_EXT; 250; Block B; 22Feb 2000 CET] pCR 26.804 Conclusions -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;f0c67015.2202D&S=) | Thomas Stockhammer | Tue, 22 Feb 2022 11:18:31 +0000 |
| [[8.10 FS\_5GMS\_EXT; 250; Block B; 22Feb 2000 CET] pCR 26.804 Conclusions -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;4bfe4ac4.2202D&S=) | Thorsten Lohmar | Tue, 22 Feb 2022 12:48:23 +0000 |
| [[8.10 FS\_5GMS\_EXT; 250; Block B; 22Feb 2000 CET] pCR 26.804 Conclusions -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;4ee946a.2202D&S=) | Thomas Stockhammer | Tue, 22 Feb 2022 12:51:15 +0000 |

**S4-220250R01**

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| [S4-220250\_ConclusionsV5\_QC.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220250_ConclusionsV5_QC.docx) | 2022/02/22 11:16 |
| [S4-220250\_r01.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220250_r01.docx) | 2022/02/22 12:47 |

* presented by Thorsten

Discussion:

* Some bullet marks to be fixed

250r01 agreed

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| [S4-220251-CR26347-0011r01.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220251-CR26347-0011r01.docx) | 2022/02/22 20:14 |
| [S4-220251-CR26347-0011r01\_BBC.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220251-CR26347-0011r01_BBC.docx) | 2022/02/22 21:00 |

## 8.11 FS\_NPN4AVProd (Feasibility Study on Media Production over 5G NPN)

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| [S4-220028](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220028.zip) | [FS\_NPN4AVProd] Proposed Communication with SA2 | Qualcomm Incorporated | Thomas Stockhammer |

**E-mail Discussion:**

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| --- | --- | --- |
| [[8.11 FS\_NPN4AVProd ; 028; Block B; 21Feb 2000 CET] DP Proposed Communication with SA2 -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;c90562f3.2202C&S=) | Gabin, Frederic | Thu, 17 Feb 2022 20:52:54 +0000 |
| [[8.11 FS\_NPN4AVProd ; 028; Block B; 21Feb 2000 CET] DP Proposed Communication with SA2 -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;4867147f.2202C&S=) | Gabin, Frederic | Mon, 21 Feb 2022 19:39:08 +0000 |
| [[8.11 FS\_NPN4AVProd ; 028; Block B; 21Feb 2000 CET] DP Proposed Communication with SA2 -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;95069880.2202C&S=) | Thomas Stockhammer | Mon, 21 Feb 2022 23:26:17 +0000 |
| [[8.11 FS\_NPN4AVProd ; 028; Block B; 21Feb 2000 CET] DP Proposed Communication with SA2 -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;b5287e66.2202D&S=) | Thorsten Lohmar | Tue, 22 Feb 2022 15:00:25 +0000 |
| [[8.11 FS\_NPN4AVProd ; 028; Block B; 21Feb 2000 CET] DP Proposed Communication with SA2 -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;83ea4a98.2202D&S=) | Richard Bradbury | Tue, 22 Feb 2022 18:07:59 +0000 |
| [[8.11 FS\_NPN4AVProd ; 028; Block B; 21Feb 2000 CET] DP Proposed Communication with SA2 -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;37bde803.2202D&S=) | Thorsten Lohmar | Tue, 22 Feb 2022 18:29:24 +0000 |

**Revisions:**

· none

**Online Discussion:**

· none

**Decision:**

· An LS is produced in 278

**S4-220028** is **agreed.**

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| [S4-220029](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220029.zip) | [FS\_NPN4AVProd] mmWAVE for Media Production | Qualcomm Incorporated | Thomas Stockhammer |

**E-mail Discussion:**

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| --- | --- | --- |
| [[8.11 FS\_NPN4AVProd ; 029; Block B; 21Feb 2000 CET] pCR 26.805 mmWAVE for Media Production -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;71e0319a.2202C&S=) | Gabin, Frederic | Thu, 17 Feb 2022 20:53:25 +0000 |
| [[8.11 FS\_NPN4AVProd ; 029; Block B; 21Feb 2000 CET] pCR 26.805 mmWAVE for Media Production -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;933e8405.2202C&S=) | Richard Bradbury | Thu, 17 Feb 2022 21:52:31 +0000 |
| [[8.11 FS\_NPN4AVProd ; 029; Block B; 21Feb 2000 CET] pCR 26.805 mmWAVE for Media Production -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;aed14802.2202C&S=) | Thomas Stockhammer | Thu, 17 Feb 2022 23:50:28 +0000 |
| [[8.11 FS\_NPN4AVProd ; 029; Block B; 21Feb 2000 CET] pCR 26.805 mmWAVE for Media Production -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;6e9a6d49.2202C&S=) | Richard Bradbury | Fri, 18 Feb 2022 13:37:40 +0000 |
| [[8.11 FS\_NPN4AVProd ; 029; Block B; 21Feb 2000 CET] pCR 26.805 mmWAVE for Media Production -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;6326ab0a.2202C&S=) | Thomas Stockhammer | Fri, 18 Feb 2022 17:40:29 +0000 |
| [[8.11 FS\_NPN4AVProd ; 029; Block B; 21Feb 2000 CET] pCR 26.805 mmWAVE for Media Production -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;66fb4fc7.2202C&S=) | Thorsten Lohmar | Fri, 18 Feb 2022 17:43:30 +0000 |
| [[8.11 FS\_NPN4AVProd ; 029; Block B; 21Feb 2000 CET] pCR 26.805 mmWAVE for Media Production -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;79864c7e.2202C&S=) | Richard Bradbury | Fri, 18 Feb 2022 18:28:51 +0000 |
| [[8.11 FS\_NPN4AVProd ; 029; Block B; 21Feb 2000 CET] pCR 26.805 mmWAVE for Media Production -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;386dedb7.2202C&S=) | Thomas Stockhammer | Mon, 21 Feb 2022 09:18:21 +0000 |
| [[8.11 FS\_NPN4AVProd ; 029; Block B; 21Feb 2000 CET] pCR 26.805 mmWAVE for Media Production -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;7099f7f7.2202C&S=) | Thorsten Lohmar | Mon, 21 Feb 2022 14:45:41 +0000 |
| [[8.11 FS\_NPN4AVProd ; 029; Block B; 21Feb 2000 CET] pCR 26.805 mmWAVE for Media Production -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;d7fd1433.2202C&S=) | Thomas Stockhammer | Mon, 21 Feb 2022 15:20:09 +0000 |
| [[8.11 FS\_NPN4AVProd ; 029; Block B; 21Feb 2000 CET] pCR 26.805 mmWAVE for Media Production -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;30666711.2202C&S=) | Thorsten Lohmar | Mon, 21 Feb 2022 15:39:39 +0000 |
| [[8.11 FS\_NPN4AVProd ; 029; Block B; 21Feb 2000 CET] pCR 26.805 mmWAVE for Media Production -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;a71e36df.2202C&S=) | Gabin, Frederic | Mon, 21 Feb 2022 19:49:21 +0000 |
| [[8.11 FS\_NPN4AVProd ; 029; Block B; 21Feb 2000 CET] pCR 26.805 mmWAVE for Media Production -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;d475c1fa.2202C&S=) | Richard Bradbury | Mon, 21 Feb 2022 20:32:07 +0000 |
| [[8.11 FS\_NPN4AVProd ; 029; Block B; 21Feb 2000 CET] pCR 26.805 mmWAVE for Media Production -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;66529c4b.2202C&S=) | Thomas Stockhammer | Mon, 21 Feb 2022 23:11:37 +0000 |

**Revisions:**

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| [S4-220029r01.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220029r01.docx) | 2022/02/17 23:48 |
| [S4-220029r01\_BBC.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220029r01_BBC.docx) | 2022/02/18 13:36 |
| [S4-220029r01\_BBC\_Ericsson.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220029r01_BBC_Ericsson.docx) | 2022/02/18 17:42 |
| [S4-220029r02.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220029r02.docx) | 2022/02/18 17:39 |
| [S4-220029r03 Ericsson.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220029r03%20Ericsson.docx) | 2022/02/21 14:44 |
| [S4-220029r03.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220029r03.docx) | 2022/02/21 9:17 |
| [S4-220029r04.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220029r04.docx) | 2022/02/21 15:19 |
| [S4-220029r04\_BBC.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220029r04_BBC.docx) | 2022/02/21 20:31 |
| [S4-220029r05.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220029r05.docx) | 2022/02/21 23:08 |
| [S4-220029r06.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220029r06.docx) | 2022/02/21 23:10 |
| [S4-220029\_BBC.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220029_BBC.docx) | 2022/02/17 21:51 |

**Online Discussion:**

* Thomas presented r06.
* Thomas: Some introduced typo UDD instead of UHD
* Fred: Editor, replace “should” by e.g. “can be considered”

**Decision:**

* Merged to 279

**S4-220029** is **agreed.**

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| --- | --- | --- | --- |
| [S4-220059](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220059.zip) | [FS\_NPN4AVProd] Tunnelling RTP media sessions over QUIC | BBC | Richard Bradbury |

**E-mail Discussion:**

|  |  |  |
| --- | --- | --- |
| [[8.11 FS\_NPN4AVProd ; 059; Block B; 21Feb 2000 CET] pCR 26.805 Tunnelling RTP media sessions over QUIC -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;b4404c24.2202C&S=) | Gabin, Frederic | Thu, 17 Feb 2022 20:53:37 +0000 |
| [[8.11 FS\_NPN4AVProd ; 059; Block B; 21Feb 2000 CET] pCR 26.805 Tunnelling RTP media sessions over QUIC -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;8721baa5.2202C&S=) | Thorsten Lohmar | Mon, 21 Feb 2022 14:33:11 +0000 |
| [[8.11 FS\_NPN4AVProd ; 059; Block B; 21Feb 2000 CET] pCR 26.805 Tunnelling RTP media sessions over QUIC -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;3c086ec4.2202C&S=) | Gabin, Frederic | Mon, 21 Feb 2022 19:50:24 +0000 |
| [[8.11 FS\_NPN4AVProd ; 059; Block B; 21Feb 2000 CET] pCR 26.805 Tunnelling RTP media sessions over QUIC -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;9d99263e.2202C&S=) | Richard Bradbury | Mon, 21 Feb 2022 20:44:04 +0000 |

**Revisions:**

|  |  |
| --- | --- |
| [S4-220059 Ericsson.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220059%20Ericsson.docx) | 2022/02/21 14:32 |
| [S4-220059r01.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220059r01.docx) | 2022/02/21 20:43 |

**Online Discussion:**

* Thorsten presented r01.
* Notes on RIST and QUIC to be fixed by the editor.

**Decision:**

* Merged to 279.

**S4-220059** is **agreed.**

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| --- | --- | --- | --- |
| [S4-220136](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220136.zip) | TR 26.805 v1.0.2 | Ericsson GmbH, Eurolab | Thorsten Lohmar |

**E-mail Discussion:**

|  |  |  |
| --- | --- | --- |
| [[8.11 FS\_NPN4AVProd ; 136; Block B; 21Feb 2000 CET] draft TR 26.805 Study on Media Production over 5G NPN Systems v1.0.2 -> for agreement as basis for further work](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;9c761f89.2202C&S=) | Gabin, Frederic | Thu, 17 Feb 2022 20:53:14 +0000 |
| [[8.11 FS\_NPN4AVProd ; 136; Block B; 21Feb 2000 CET] draft TR 26.805 Study on Media Production over 5G NPN Systems v1.0.2 -> for agreement as basis for further work](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;1fb26827.2202C&S=) | Richard Bradbury | Thu, 17 Feb 2022 22:06:40 +0000 |
| [[8.11 FS\_NPN4AVProd ; 136; Block B; 21Feb 2000 CET] draft TR 26.805 Study on Media Production over 5G NPN Systems v1.0.2 -> for agreement as basis for further work](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;9744a529.2202C&S=) | Gabin, Frederic | Mon, 21 Feb 2022 19:39:50 +0000 |

**Revisions:**

|  |  |
| --- | --- |
| [S4-220136\_BBC.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220136_BBC.docx) | 2022/02/17 22:05 |

**Online Discussion:**

* Richard presented rBBC.
* Richard: “Mostly typo and text improvements.”

**Decision:**

* Revised to 279.

**S4-220136** is **revised to S4-220279.**

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| --- | --- | --- | --- |
| [S4-220142](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220142.zip) | [FS\_NPN4AVProd]: Definition of Collaboration Scenarios | Ericsson LM, BBC, EBU | Thorsten Lohmar |

**E-mail Discussion:**

|  |  |  |
| --- | --- | --- |
| [[8.11 FS\_NPN4AVProd ; 142; Block B; 21Feb 2000 CET] pCR 26.805 Definition of Collaboration Scenarios -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;b9f0d409.2202C&S=) | Gabin, Frederic | Thu, 17 Feb 2022 20:54:14 +0000 |
| [[8.11 FS\_NPN4AVProd ; 142; Block B; 21Feb 2000 CET] pCR 26.805 Definition of Collaboration Scenarios -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;296b0307.2202C&S=) | Richard Bradbury | Thu, 17 Feb 2022 22:11:04 +0000 |
| [[8.11 FS\_NPN4AVProd ; 142; Block B; 21Feb 2000 CET] pCR 26.805 Definition of Collaboration Scenarios -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;f2e6725e.2202C&S=) | Thorsten Lohmar | Mon, 21 Feb 2022 14:21:39 +0000 |
| [[8.11 FS\_NPN4AVProd ; 142; Block B; 21Feb 2000 CET] pCR 26.805 Definition of Collaboration Scenarios -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;7c4cacf7.2202C&S=) | Richard Bradbury | Mon, 21 Feb 2022 19:26:49 +0000 |
| [[8.11 FS\_NPN4AVProd ; 142; Block B; 21Feb 2000 CET] pCR 26.805 Definition of Collaboration Scenarios -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;9b8f941d.2202C&S=) | Richard Bradbury | Mon, 21 Feb 2022 19:32:06 +0000 |
| [[8.11 FS\_NPN4AVProd ; 142; Block B; 21Feb 2000 CET] pCR 26.805 Definition of Collaboration Scenarios -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;340fc643.2202C&S=) | Gabin, Frederic | Mon, 21 Feb 2022 19:51:24 +0000 |

**Revisions:**

|  |  |
| --- | --- |
| [S4-220142r01.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220142r01.docx) | 2022/02/21 14:21 |
| [S4-220142\_BBC.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220142_BBC.docx) | 2022/02/17 22:10 |

**Online Discussion:**

* Thorsten presented r01.
* No question.

**Decision:**

* Merged to 279.

**S4-220142** is **agreed.**

|  |  |  |  |
| --- | --- | --- | --- |
| [S4-220143](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220143.zip) | [FS\_NPN4AVProd]: Introduction to Candidate Solutions and updates to KI#2 | Ericsson LM, BBC, EBU | Thorsten Lohmar |

**E-mail Discussion:**

|  |  |  |
| --- | --- | --- |
| [[8.11 FS\_NPN4AVProd ; 143; Block B; 21Feb 2000 CET] pCR 26.805 Introduction to Candidate Solutions and updates to KI#2 -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;2de81e0e.2202C&S=) | Gabin, Frederic | Thu, 17 Feb 2022 20:54:26 +0000 |
| [[8.11 FS\_NPN4AVProd ; 143; Block B; 21Feb 2000 CET] pCR 26.805 Introduction to Candidate Solutions and updates to KI#2 -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;7fed3b02.2202C&S=) | Richard Bradbury | Thu, 17 Feb 2022 22:15:50 +0000 |
| [[8.11 FS\_NPN4AVProd ; 143; Block B; 21Feb 2000 CET] pCR 26.805 Introduction to Candidate Solutions and updates to KI#2 -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;457eca78.2202C&S=) | Thorsten Lohmar | Mon, 21 Feb 2022 14:23:36 +0000 |
| [[8.11 FS\_NPN4AVProd ; 143; Block B; 21Feb 2000 CET] pCR 26.805 Introduction to Candidate Solutions and updates to KI#2 -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;7f6b7d4f.2202C&S=) | Richard Bradbury | Mon, 21 Feb 2022 19:30:02 +0000 |
| [[8.11 FS\_NPN4AVProd ; 143; Block B; 21Feb 2000 CET] pCR 26.805 Introduction to Candidate Solutions and updates to KI#2 -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;555b955e.2202C&S=) | Gabin, Frederic | Mon, 21 Feb 2022 19:52:04 +0000 |

**Revisions:**

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| --- | --- |
| [S4-220143r01.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220143r01.docx) | 2022/02/21 14:22 |
| [S4-220143\_BBC.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220143_BBC.docx) | 2022/02/17 22:12 |

**Online Discussion:**

* Thorsten presented r01.
* Remove the “shoulds”
* Change title to “Traffic segregation and prioritization”

**Decision:**

* Merged to 279.

**S4-220143** is **agreed.**

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| --- | --- | --- | --- |
| [S4-220144](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220144.zip) | [FS\_NPN4AVProd]: Summary of 5G MAG Workshops | Ericsson LM, BBC, EBU, 5G-MAG | Thorsten Lohmar |

**E-mail Discussion:**

|  |  |  |
| --- | --- | --- |
| [[8.11 FS\_NPN4AVProd ; 144; Block B; 21Feb 2000 CET] Summary of 5G MAG workshops -> for information](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;1c6e4185.2202C&S=) | Gabin, Frederic | Thu, 17 Feb 2022 20:54:40 +0000 |
| [[8.11 FS\_NPN4AVProd ; 144; Block B; 21Feb 2000 CET] Summary of 5G MAG workshops -> for information](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;c5e9669a.2202C&S=) | Thomas Stockhammer | Mon, 21 Feb 2022 11:46:16 +0000 |
| [[8.11 FS\_NPN4AVProd ; 144; Block B; 21Feb 2000 CET] Summary of 5G MAG workshops -> for information](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;953809cb.2202C&S=) | Gabin, Frederic | Mon, 21 Feb 2022 19:57:53 +0000 |
| [[8.11 FS\_NPN4AVProd ; 144; Block B; 21Feb 2000 CET] Summary of 5G MAG workshops -> for information](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;85b32f05.2202C&S=) | Thomas Stockhammer | Mon, 21 Feb 2022 20:33:54 +0000 |
| [[8.11 FS\_NPN4AVProd ; 144; Block B; 21Feb 2000 CET] Summary of 5G MAG workshops -> for information](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;1d5e1e8d.2202C&S=) | Gabin, Frederic | Mon, 21 Feb 2022 20:40:42 +0000 |

**Revisions:**

· none

**Online Discussion:**

* Thorsten: I could turn this into an Annex for the TR. To be submitted at a later time.

**Decision:**

* Noted.

**S4-220144** is **noted.**

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| --- | --- | --- | --- |
| [S4-220145](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220145.zip) | [FS\_NPN4AVProd]: Updated Time and Work Plan for FS\_NPN4AVProd | Ericsson LM | Thorsten Lohmar |

**E-mail Discussion:**

|  |  |  |
| --- | --- | --- |
| [[8.11 FS\_NPN4AVProd ; 145; Block B; 21Feb 2000 CET] Updated Time and Work Plan for FS\_NPN4AVProd -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;1432ed03.2202C&S=) | Gabin, Frederic | Thu, 17 Feb 2022 20:54:50 +0000 |
| [[8.11 FS\_NPN4AVProd ; 145; Block B; 21Feb 2000 CET] Updated Time and Work Plan for FS\_NPN4AVProd -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;5f441f93.2202C&S=) | Gabin, Frederic | Mon, 21 Feb 2022 19:58:20 +0000 |
| [[8.11 FS\_NPN4AVProd ; 145; Block B; 21Feb 2000 CET] Updated Time and Work Plan for FS\_NPN4AVProd -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;b32a841a.2202C&S=) | Thorsten Lohmar | Mon, 21 Feb 2022 20:00:15 +0000 |
| [[8.11 FS\_NPN4AVProd ; 145; Block B; 21Feb 2000 CET] Updated Time and Work Plan for FS\_NPN4AVProd -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;4faec690.2202C&S=) | Thorsten Lohmar | Mon, 21 Feb 2022 20:10:21 +0000 |
| [[8.11 FS\_NPN4AVProd ; 145; Block B; 21Feb 2000 CET] Updated Time and Work Plan for FS\_NPN4AVProd -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;82ae75b3.2202C&S=) | Gabin, Frederic | Mon, 21 Feb 2022 20:45:48 +0000 |
| [[8.11 FS\_NPN4AVProd ; 145; Block B; 21Feb 2000 CET] Updated Time and Work Plan for FS\_NPN4AVProd -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;55d06f1c.2202C&S=) | Gabin, Frederic | Mon, 21 Feb 2022 20:46:54 +0000 |
| [[8.11 FS\_NPN4AVProd ; 146; Block B; 21Feb 2000 CET] Exception request for Study on Media Production over 5G NPN -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;46ddbd99.2202C&S=) | Gabin, Frederic | Thu, 17 Feb 2022 20:55:06 +0000 |
| [[8.11 FS\_NPN4AVProd ; 146; Block B; 21Feb 2000 CET] Exception request for Study on Media Production over 5G NPN -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;a432b9ff.2202C&S=) | Thomas Stockhammer | Mon, 21 Feb 2022 11:44:25 +0000 |
| [[8.11 FS\_NPN4AVProd ; 146; Block B; 21Feb 2000 CET] Exception request for Study on Media Production over 5G NPN -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;b5c19c6f.2202C&S=) | Gabin, Frederic | Mon, 21 Feb 2022 20:24:07 +0000 |

**Revisions:**

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| --- | --- |
| [S4-220145r01.doc](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220145r01.doc) | 2022/02/21 20:08 |

**Online Discussion:**

* none

**Decision:**

* Revised to 280.

**S4-220145** is **revised to S4-220280 which is agreed without presentation.**

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| --- | --- | --- | --- |
| [S4-220146](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220146.zip) | [FS\_NPN4AVProd]: Exception Sheet | Ericsson LM | Thorsten Lohmar |

**E-mail Discussion:**

**Revisions:**

* none

**Online Discussion:**

* Thomas: if we wanted to make the TR visible, why didn’t we make it public on day one? What do we want to convert it now?
* Fred: It is public. But it is not from ETSI.
* Thorsten: either way is fine.
* Fred: add impacted services and also R17.

**Decision:**

* Revised to 281.

**S4-220146** is **revised to S4-220281 which is agreed without presentation.**

## 8.12 FS\_5G\_MSE (Feasibility Study on 5G Media Service Enablers)

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| --- | --- | --- | --- |
| [S4-220030](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220030.zip) | [FS\_5G\_MSE] Proposed Time Plan | Qualcomm Incorporated | Thomas Stockhammer |

**E-mail Discussion:**

|  |  |  |
| --- | --- | --- |
| [[8.12 FS\_5G\_MSE; 030; Block B; 21Feb 2000 CET] Proposed Work Plan for FS\_5G\_MSE -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;e2245270.2202C&S=) | Gabin, Frederic | Thu, 17 Feb 2022 22:16:31 +0000 |
| [[8.12 FS\_5G\_MSE; 030; Block B; 21Feb 2000 CET] Proposed Work Plan for FS\_5G\_MSE -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;3e8c8c33.2202C&S=) | Gabin, Frederic | Mon, 21 Feb 2022 20:33:59 +0000 |

**Revisions:**

· none

**Online Discussion:**

· none

**Decision:**

·

**S4-220030** is **agreed.**

|  |  |  |  |
| --- | --- | --- | --- |
| [S4-220031](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220031.zip) | [FS\_5G\_MSE] TR 26.857 v0.0.1 | Qualcomm Incorporated | Thomas Stockhammer |

**E-mail Discussion:**

|  |  |  |
| --- | --- | --- |
| [[8.12 FS\_5G\_MSE; 031; Block B; 21Feb 2000 CET] draft TR 5G Media Service Enablers 26.857 0.0.1 -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;7fd3d8a1.2202C&S=) | Gabin, Frederic | Thu, 17 Feb 2022 22:16:25 +0000 |
| [[8.12 FS\_5G\_MSE; 031; Block B; 21Feb 2000 CET] draft TR 5G Media Service Enablers 26.857 0.0.1 -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;7c97f76f.2202C&S=) | Gabin, Frederic | Mon, 21 Feb 2022 20:33:35 +0000 |

**Revisions:**

· none

**Online Discussion:**

· none

**Decision:**

·

**S4-220031 is revised to S4-220282 which is agreed without presentation.**

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| --- | --- | --- | --- |
| [S4-220032](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220032.zip) | [FS\_5G\_MSE] Some Ideas around MSE | Qualcomm Incorporated | Thomas Stockhammer |

**E-mail Discussion:**

|  |  |  |
| --- | --- | --- |
| [[8.12 FS\_5G\_MSE; 032; Block B; 21Feb 2000 CET] DP on Some Ideas around MSE -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;c11f35a5.2202C&S=) | Gabin, Frederic | Thu, 17 Feb 2022 22:16:18 +0000 |
| [[8.12 FS\_5G\_MSE; 032; Block B; 21Feb 2000 CET] DP on Some Ideas around MSE -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;4cfe52a0.2202C&S=) | Curcio, Igor (Nokia - FI/Tampere) | Mon, 21 Feb 2022 18:25:47 +0000 |
| [[8.12 FS\_5G\_MSE; 032; Block B; 21Feb 2000 CET] DP on Some Ideas around MSE -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;2e43a060.2202C&S=) | Thomas Stockhammer | Mon, 21 Feb 2022 18:37:31 +0000 |
| [[8.12 FS\_5G\_MSE; 032; Block B; 21Feb 2000 CET] DP on Some Ideas around MSE -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;fdf8fa82.2202C&S=) | Gabin, Frederic | Mon, 21 Feb 2022 20:33:01 +0000 |

**Revisions:**

· none

**Online Discussion:**

· none

**Decision:**

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**S4-220032** is **agreed.**

## 8.13 New Work / New Work Items and Study Items

|  |  |  |  |
| --- | --- | --- | --- |
| [S4-220033](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220033.zip) | Proposal for Rel-18 MBS WID scheduling | Qualcomm Incorporated | Thomas Stockhammer |

**E-mail Discussion:**

|  |  |  |
| --- | --- | --- |
| [[8.13 New Work; 033; Block B; 21Feb 2000 CET] Proposal for Rel-18 MBS WID scheduling -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;3774c87b.2202C&S=) | Gabin, Frederic | Thu, 17 Feb 2022 22:26:32 +0000 |
| [[8.13 New Work; 033; Block B; 21Feb 2000 CET] Proposal for Rel-18 MBS WID scheduling -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;35f6afd.2202C&S=) | Richard Bradbury | Thu, 17 Feb 2022 22:39:01 +0000 |
| [[8.13 New Work; 033; Block B; 21Feb 2000 CET] Proposal for Rel-18 MBS WID scheduling -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;82dc17d5.2202C&S=) | Iraj Sodagar | Fri, 18 Feb 2022 01:16:43 +0000 |
| [[8.13 New Work; 033; Block B; 21Feb 2000 CET] Proposal for Rel-18 MBS WID scheduling -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;4016f9cd.2202C&S=) | Gabin, Frederic | Mon, 21 Feb 2022 20:35:31 +0000 |

**Revisions:**

* none

**Online Discussion:**

* Fred presented
* Iraj: Does that mean we won’t approve MBS WI until 118 or 119?
* Fred: Yes
* Gilles: AREA may impact MBS SWG while may be agreed in the Video SWG.
* Fred: This agreement of 033 will be reported in the SA4 plenary.
* Thomas: We should have a dedicated SA4 telco to discuss the planning of Rel-18 WI.
* Fred: More a rapporteur call.
* Thorsten: I would be interested to call in even not as a rapporteur. But good idea for a dedicated call.
* Fred: As SA4, the leadership decides how we best organize the groups internally. The question is the handover from Rel-17 to 18. It would be easier to do this planning first with the SA4 leadership and the rapporteurs and then share with the group.
* Ahmed: Does this exclude other SID?
* Fred: It mostly applies to follow-up of 5GMS\_EXT.

**Decision:**

* Agreed.

**S4-220033** is **agreed.**

|  |  |  |  |
| --- | --- | --- | --- |
| [S4-220070](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220070.zip) | WID on new 5GMS extensions (NEXT) | Tencent Cloud | Iraj Sodagar |

**E-mail Discussion:**

|  |  |  |
| --- | --- | --- |
| [[8.13 New Work; 070; Block B; 21Feb 2000 CET] Draft New WID on new 5GMS extensions -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;6e73187e.2202C&S=) | Gabin, Frederic | Thu, 17 Feb 2022 22:26:43 +0000 |
| [[8.13 New Work; 070; Block B; 21Feb 2000 CET] Draft New WID on new 5GMS extensions -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;13f9d08e.2202C&S=) | Richard Bradbury | Thu, 17 Feb 2022 22:40:33 +0000 |
| [[8.13 New Work; 070; Block B; 21Feb 2000 CET] Draft New WID on new 5GMS extensions -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;74501e8.2202C&S=) | Thomas Stockhammer | Fri, 18 Feb 2022 00:37:11 +0000 |
| [[8.13 New Work; 070; Block B; 21Feb 2000 CET] Draft New WID on new 5GMS extensions -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;a7b0dd85.2202C&S=) | Iraj Sodagar | Fri, 18 Feb 2022 01:21:42 +0000 |
| [[8.13 New Work; 070; Block B; 21Feb 2000 CET] Draft New WID on new 5GMS extensions -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;42e87654.2202C&S=) | Gabin, Frederic | Mon, 21 Feb 2022 20:36:47 +0000 |

**Revisions:**

· none

**Online Discussion:**

· none

**Decision:**

·

**S4-220070** is **noted.**

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| --- | --- | --- | --- |
| [S4-220139](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220139.zip) | Study on Energy-aware 5G Media Streaming | InterDigital Communications | Srinivas Gudumasu |

**E-mail Discussion:**

|  |  |  |
| --- | --- | --- |
| [[8.13 New Work; 139; Block B; 21Feb 2000 CET] Study on Energy-aware 5G Media Streaming -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;890b117d.2202C&S=) | Gabin, Frederic | Thu, 17 Feb 2022 22:26:51 +0000 |
| [[8.13 New Work; 139; Block B; 21Feb 2000 CET] Study on Energy-aware 5G Media Streaming -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;d039a34.2202C&S=) | Richard Bradbury | Thu, 17 Feb 2022 22:43:28 +0000 |
| [[8.13 New Work; 139; Block B; 21Feb 2000 CET] Study on Energy-aware 5G Media Streaming -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;3ccf6110.2202C&S=) | Thomas Stockhammer | Fri, 18 Feb 2022 00:35:07 +0000 |
| [[8.13 New Work; 139; Block B; 21Feb 2000 CET] Study on Energy-aware 5G Media Streaming -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;e4a7a33.2202C&S=) | Srinivas Gudumasu | Fri, 18 Feb 2022 20:58:58 +0000 |
| [[8.13 New Work; 139; Block B; 21Feb 2000 CET] Study on Energy-aware 5G Media Streaming -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;7f30964.2202C&S=) | Srinivas Gudumasu | Fri, 18 Feb 2022 21:00:41 +0000 |
| [[8.13 New Work; 139; Block B; 21Feb 2000 CET] Study on Energy-aware 5G Media Streaming -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;83efd6ad.2202C&S=) | Thomas Stockhammer | Fri, 18 Feb 2022 22:10:21 +0000 |
| [[8.13 New Work; 139; Block B; 21Feb 2000 CET] Study on Energy-aware 5G Media Streaming -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;fe4630a9.2202C&S=) | Srinivas Gudumasu | Mon, 21 Feb 2022 19:21:04 +0000 |
| [[8.13 New Work; 139; Block B; 21Feb 2000 CET] Study on Energy-aware 5G Media Streaming -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;afb4051f.2202C&S=) | Srinivas Gudumasu | Mon, 21 Feb 2022 19:21:59 +0000 |
| [[8.13 New Work; 139; Block B; 21Feb 2000 CET] Study on Energy-aware 5G Media Streaming -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;6f58b9e0.2202C&S=) | Gabin, Frederic | Mon, 21 Feb 2022 20:38:15 +0000 |
| [[8.13 New Work; 139; Block B; 21Feb 2000 CET] Study on Energy-aware 5G Media Streaming -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;760b3424.2202C&S=) | Srinivas Gudumasu | Mon, 21 Feb 2022 21:55:25 +0000 |

**Revisions:**

|  |  |
| --- | --- |
| [S4-220139-r01.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220139-r01.docx) | 2022/02/21 18:42 |
| [S4-220139-r02.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220139-r02.docx) | 2022/02/21 21:22 |

**Online Discussion:**

· none

**Decision:**

·

**S4-220139** is **noted.**

## 8.14 Others including TEI

|  |  |  |  |
| --- | --- | --- | --- |
| [S4-220066](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220066.zip) | [TEI-17+TRAPI] Extensions to MBMS-URLs for ROM Services | Qualcomm Incorporated | Thomas Stockhammer |

**E-mail Discussion:**

|  |  |  |
| --- | --- | --- |
| [[8.14 Others; 67, 66; Block B; 21Feb 2000 CET] [TEI-17+TRAPI] DP and dCR 26.347 on Extensions to MBMS-URLs for ROM Services -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;91e434d0.2202C&S=) | Gabin, Frederic | Thu, 17 Feb 2022 22:31:19 +0000 |
| [[8.14 Others; 67, 66; Block B; 21Feb 2000 CET] [TEI-17+TRAPI] DP and dCR 26.347 on Extensions to MBMS-URLs for ROM Services -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;e863112c.2202C&S=) | Gabin, Frederic | Mon, 21 Feb 2022 20:38:59 +0000 |
| [[8.14 Others; 67, 66; Block B; 21Feb 2000 CET] [TEI-17+TRAPI] DP and dCR 26.347 on Extensions to MBMS-URLs for ROM Services -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;e7ea96ee.2202C&S=) | Richard Bradbury | Mon, 21 Feb 2022 20:52:18 +0000 |
| [[8.14 Others; 67, 66; Block B; 21Feb 2000 CET] [TEI-17+TRAPI] DP and dCR 26.347 on Extensions to MBMS-URLs for ROM Services -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;97c4279d.2202C&S=) | Gabin, Frederic | Mon, 21 Feb 2022 21:35:44 +0000 |
| [[8.14 Others; 67, 66; Block B; 21Feb 2000 CET] [TEI-17+TRAPI] DP and dCR 26.347 on Extensions to MBMS-URLs for ROM Services -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;aa1a5d15.2202C&S=) | Thomas Stockhammer | Mon, 21 Feb 2022 21:48:27 +0000 |
| [[8.14 Others; 67, 66; Block B; 21Feb 2000 CET] [TEI-17+TRAPI] DP and dCR 26.347 on Extensions to MBMS-URLs for ROM Services -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;695dc50c.2202C&S=) | Thorsten Lohmar | Mon, 21 Feb 2022 21:49:14 +0000 |
| [[8.14 Others; 67, 66; Block B; 21Feb 2000 CET] [TEI-17+TRAPI] DP and dCR 26.347 on Extensions to MBMS-URLs for ROM Services -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;e9bd2a0b.2202C&S=) | Thomas Stockhammer | Mon, 21 Feb 2022 21:50:58 +0000 |
| [[8.14 Others; 67, 66; Block B; 21Feb 2000 CET] [TEI-17+TRAPI] DP and dCR 26.347 on Extensions to MBMS-URLs for ROM Services -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;1a46384a.2202C&S=) | Thorsten Lohmar | Mon, 21 Feb 2022 22:19:44 +0000 |
| [[8.14 Others; 67, 66; Block B; 21Feb 2000 CET] [TEI-17+TRAPI] DP and dCR 26.347 on Extensions to MBMS-URLs for ROM Services -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;eb64b9f3.2202C&S=) | Thomas Stockhammer | Mon, 21 Feb 2022 22:48:56 +0000 |
| [[8.14 Others; 67, 66; Block B; 21Feb 2000 CET] [TEI-17+TRAPI] DP and dCR 26.347 on Extensions to MBMS-URLs for ROM Services -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;5ef13a7e.2202D&S=) | Thomas Stockhammer | Tue, 22 Feb 2022 00:43:51 +0000 |
| [[8.14 Others; 67, 66; Block B; 21Feb 2000 CET] [TEI-17+TRAPI] DP and dCR 26.347 on Extensions to MBMS-URLs for ROM Services -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;637c368.2202D&S=) | Richard Bradbury | Tue, 22 Feb 2022 01:36:04 +0000 |
| [[8.14 Others; 67, 66; Block B; 21Feb 2000 CET] [TEI-17+TRAPI] DP and dCR 26.347 on Extensions to MBMS-URLs for ROM Services -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;95a2dd35.2202D&S=) | Richard Bradbury | Tue, 22 Feb 2022 01:42:43 +0000 |
| [[8.14 Others; 67, 66; Block B; 21Feb 2000 CET] [TEI-17+TRAPI] DP and dCR 26.347 on Extensions to MBMS-URLs for ROM Services -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;78580949.2202D&S=) | Thomas Stockhammer | Tue, 22 Feb 2022 07:41:59 +0000 |
| [[8.14 Others; 67, 66; Block B; 21Feb 2000 CET] [TEI-17+TRAPI] DP and dCR 26.347 on Extensions to MBMS-URLs for ROM Services -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;621e449.2202D&S=) | Richard Bradbury | Tue, 22 Feb 2022 11:23:00 +0000 |
| [[8.14 Others; 67, 66; Block B; 21Feb 2000 CET] [TEI-17+TRAPI] DP and dCR 26.347 on Extensions to MBMS-URLs for ROM Services -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;29a25e5e.2202D&S=) | Thomas Stockhammer | Tue, 22 Feb 2022 12:08:39 +0000 |
| [[8.14 Others; 67, 66; Block B; 21Feb 2000 CET] [TEI-17+TRAPI] DP and dCR 26.347 on Extensions to MBMS-URLs for ROM Services -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;7adcc92d.2202D&S=) | Thorsten Lohmar | Tue, 22 Feb 2022 14:46:52 +0000 |
| [[8.14 Others; 67, 66; Block B; 21Feb 2000 CET] [TEI-17+TRAPI] DP and dCR 26.347 on Extensions to MBMS-URLs for ROM Services -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;2eb2c9e0.2202D&S=) | Thomas Stockhammer | Tue, 22 Feb 2022 18:02:06 +0000 |
| [[8.14 Others; 67, 66; Block B; 21Feb 2000 CET] [TEI-17+TRAPI] DP and dCR 26.347 on Extensions to MBMS-URLs for ROM Services -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;1c3bd4a0.2202D&S=) | Johann Mika | Tue, 22 Feb 2022 18:15:06 +0000 |
| [[8.14 Others; 67, 66; Block B; 21Feb 2000 CET] [TEI-17+TRAPI] DP and dCR 26.347 on Extensions to MBMS-URLs for ROM Services -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;8d97b50a.2202D&S=) | Thomas Stockhammer | Tue, 22 Feb 2022 20:15:16 +0000 |
| [[8.14 Others; 67, 66; Block B; 21Feb 2000 CET] [TEI-17+TRAPI] DP and dCR 26.347 on Extensions to MBMS-URLs for ROM Services -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;2f0ee76d.2202D&S=) | Johann Mika | Tue, 22 Feb 2022 20:37:50 +0000 |
| [[8.14 Others; 67, 66; Block B; 21Feb 2000 CET] [TEI-17+TRAPI] DP and dCR 26.347 on Extensions to MBMS-URLs for ROM Services -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;bce976b4.2202D&S=) | Thomas Stockhammer | Tue, 22 Feb 2022 20:39:44 +0000 |
| [[8.14 Others; 67, 66; Block B; 21Feb 2000 CET] [TEI-17+TRAPI] DP and dCR 26.347 on Extensions to MBMS-URLs for ROM Services -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;540c2084.2202D&S=) | Richard Bradbury | Tue, 22 Feb 2022 21:01:10 +0000 |
| [[8.14 Others; 67, 66; Block B; 21Feb 2000 CET] [TEI-17+TRAPI] DP and dCR 26.347 on Extensions to MBMS-URLs for ROM Services -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;2b3ebf5f.2202D&S=) | Johann Mika | Tue, 22 Feb 2022 21:08:20 +0000 |

**Revisions:**

|  |  |
| --- | --- |
| [S4-220066r01 Ericsson.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220066r01%20Ericsson.docx) | 2022/02/21 22:18 |
| [S4-220066r01.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220066r01.docx) | 2022/02/21 21:47 |
| [S4-220066r02.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220066r02.docx) | 2022/02/21 22:48 |
| [S4-220066r03.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220066r03.docx) | 2022/02/22 0:42 |
| [S4-220066r03\_BBC.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220066r03_BBC.docx) | 2022/02/22 1:34 |
| [S4-220066r04.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220066r04.docx) | 2022/02/22 7:29 |
| [S4-220066\_BBC.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220066_BBC.docx) | 2022/02/21 20:50 |
| [S4-220066\_BBC\_Ericsson.docx](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Inbox/drafts/MBS/S4-220066_BBC_Ericsson.docx) | 2022/02/21 21:48 |

**Online Discussion:**

* Thomas presented r02.
* Thorsten: We may have to liaise with GSMA to reuse the 3gpp.org URN.
* Richard: What about creating a sub-domain <tmg-value>.tmgi.3gpp.org?
* Thomas: Let me think about it.
* Thomas to make a revision with the right TS reference and other fixes.

**Decision:**

**S4-220066** is **revised to S4-220251.**

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| [S4-220067](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220067.zip) | Background on Extensions to MBMS-URLs for ROM Services | Qualcomm Incorporated | Thomas Stockhammer |

**E-mail Discussion:**

See S4-220067

**Revisions:**

· none

**Online Discussion:**

· none

**Decision:**

·

**S4-220067** is **agreed.**

|  |  |  |  |
| --- | --- | --- | --- |
| [S4-220186](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220186.zip) | Requirement on UE Behavior regarding QoE Measurement and Reporting | Qualcomm Incorporated | Charles Lo |

**E-mail Discussion:**

**Revisions:**

· none

**Online Discussion:**

· none

**Decision:**

·

**S4-220186** is **not treated.**

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

See time plans

## 8.16 Any Other Business

none

## 8.17 Close of the session

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

The online session was closed on Tuesday 22nd February 2022 at 2300 CET.

## 8.18 Attendees

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **TITLE** | **Family Name** | **Given Name** | **Organization Represented** | **PRESENCE** |
| Mr. | Achter | Johannes | T-Mobile Austria GmbH |  |
| Dr. | Ahsan | Saba | Nokia Belgium |  |
| Mr. | Aracena | Mauricio | Ericsson LM |  |
| Mr. | AUMONT | FRANCK | InterDigital France R&D, SAS |  |
| Dr. | Bouazizi | Imed | QUALCOMM Europe Inc. - Italy | Yes |
| Dr. | Bradbury | Richard | BBC | Yes |
| Dr. | Bruhn | Stefan | Dolby Laboratories Inc. |  |
| Dr. | Budagavi | Madhukar | Samsung Electronics Iberia SA |  |
| Mr. | Burdinat | Christophe | ATEME | Yes |
| Mr. | Burman | Bo | Ericsson France S.A.S |  |
| Dr. | Cetinkaya | Egemen | Verizon Denmark |  |
| Mr. | Chakraborty | Prasenjit | Samsung R&D Institute India |  |
| Mr. | Champel | Mary-Luc | Beijing Xiaomi Electronics |  |
| Dr. | Chan | Yee Sin | Facebook |  |
| Dr. | Chen | Lulin | MediaTek Inc. |  |
| Mr. | Chien | Wei-Jung | Qualcomm Technologies Int |  |
| Mr. | Choi | Hyung-Nam | Motorola Mobility UK Ltd. |  |
| Mr. | Chou | Joey | Intel Korea, Ltd. |  |
| Dr. | Curcio | Igor | Nokia Corporation |  |
| Mr. | Dawkins | Spencer | Tencent | yes |
| Mr. | De Bont | Frans | Philips International B.V. |  |
| Mr. | Defrance | Serge | InterDigital France R&D, SAS |  |
| Mr. | Doehla | Stefan | Fraunhofer IIS | yes |
| Ms. | Dong | Xufei | China Unicom |  |
| Dr. | Ehara | Hiroyuki | Panasonic Corporation |  |
| Miss | Eitoku | Haruka | NTT corporation |  |
| Dr. | El Essaili | Ali | Ericsson GmbH, Eurolab |  |
| Mr. | Fontaine | Loic | InterDigital France R&D, SAS | yes |
| Mr. | Gabin | Frederic | Dolby Laboratories Inc. |  |
| Mrs. | Gao | Fei | China Mobile Com. Corporation |  |
| Mr. | Gao | Shuai | China Unicom |  |
| Mr. | Gao | Yuan | Huawei Telecommunication India |  |
| Mr. | Gibellino | Diego | TELECOM ITALIA S.p.A. |  |
| Dr. | Gorley | Paul | BBC |  |
| Mr. | Gu | Xiaojun | Huawei Technologies R&D UK |  |
| Mr. | Gudumasu | Srinivas | InterDigital Communications | Yes |
| Mr. | Gunkel | Simon | KPN N.V. |  |
| Dr. | Hamza | Ahmed | InterDigital Communications | Yes |
| Dr. | Han | Jae-Shin | LG Electronics Deutschland |  |
| Dr. | He | Xuan (Shane) | Nokia Germany | Yes |
| Dr. | He | Yong | Qualcomm Incorporated | Yes |
| Mr. | Heikkilä | Gunnar | Ericsson LM | Yes |
| Dr. | Hellge | Cornelius | Fraunhofer HHI |  |
| Dr. | Herglotz | Christian | FAU |  |
| Mr. | Higgs | Paul | Huawei Tech.(UK) Co.. Ltd |  |
| Dr. | Holub | Jan | Mesaqin.com s.r.o (Ltd.) |  |
| Mr. | Homkar | Ajay | Cadence Design Systems Inc. |  |
| Mr. | Howells | Elfed | Huawei Device Co., Ltd |  |
| Dr. | Hu | James | AT&T GNS Belgium SPRL |  |
| Mr. | Inoue | Yoshihiro | NTT |  |
| Ms. | Jang | Hyosun | Samsung Electronics Co., Ltd |  |
| Mr. | Jansson Toftgård | Tomas | Ericsson LM | Yes |
| Dr. | Jelinek | Milan | VoiceAge Corporation |  |
| Dr. | Joshi | Rajan | Samsung Research America |  |
| Dr. | Jung | Kyunghun | Facebook |  |
| Mr. | Kim | Joel | Meta USA |  |
| Dr. | Kim | Wuk | Harman GmbH |  |
| Mr. | Ko | Sunghwan | Samsung Electronics Co., Ltd |  |
| Dr. | Kolan | Prakash | Samsung Electronics Nordic AB | Yes |
| Dr. | Kroon | Peter | Apple Benelux B.V. |  |
| Mr. | Kwon | WooSuk | LG Electronics Inc. | Yes |
| Mr. | Laaksonen | Lasse | Nokia France |  |
| Mr. | Lau | Stephen | Kepler |  |
| Dr. | Lee | Brian | Dolby Laboratories Inc. |  |
| Dr. | Lee | Hakju Ryan | Samsung Guangzhou Mobile R&D | Yes |
| Mr. | Lei | Ryan | Facebook |  |
| Mr. | Lemotheux | Julien | Orange Spain | Yes |
| Mr. | Leung | Nikolai | QUALCOMM Europe Inc. - Spain |  |
| Miss | LI | QIUTING | ZTE Corporation |  |
| Mr. | Libunao | Gerardo | Verizon UK Ltd |  |
| Dr. | Litwic | Lukasz | Ericsson LM |  |
| Mr. | Liu | Dan | ZTE Corporation |  |
| Mr. | LIU | Jianning(Carry) | Beijing Xiaomi Software Tech |  |
| Mrs. | Liu | Yan | Huawei Tech.(UK) Co.. Ltd |  |
| Mr. | Lo | Charles | Qualcomm Finland RFFE Oy |  |
| Dr. | Lohmar | Thorsten | Ericsson GmbH, Eurolab | yes |
| Ms. | Lu | Wei | Xiaomi Technology |  |
| Mr. | Ma | Liangping | QUALCOMM Europe Inc. - Italy |  |
| Mrs. | Martin-Cocher | Gaelle | InterDigital, Europe, Ltd. |  |
| Mr. | Mayer | Georg | HUAWEI TECHNOLOGIES Co. Ltd. |  |
| Dr. | Mika | Johann | ORS | yes |
| Mr. | Morita | Naotaka | NTT corporation |  |
| Dr. | Moriya | Takehiro | NTT |  |
| Mr. | Multrus | Markus | Fraunhofer IIS | yes |
| Mr. | Nangia | Vijay | Motorola Mobility UK Ltd. |  |
| Dr. | Ni | Hui | HUAWEI Technologies Japan K.K. |  |
| Mr. | O'Leary | Edward | Rogers Communications Canada | yes |
| Mr. | Onno | Stephane | InterDigital France R&D, SAS |  |
| Dr. | Pan | Qi | HUAWEI TECHNOLOGIES Co. Ltd. | Yes |
| Mr. | Pazos | Marcelo | Qualcomm Korea |  |
| Dr. | Peng | Ke | OPPO |  |
| Mr. | Plante | Fabrice | Apple Italia S.R.L. |  |
| Mr. | Pousi | Timo | Ericsson LM |  |
| Mr. | Ragot | Stephane | Orange Romania |  |
| Mr. | Rämö | Anssi | Nokia Germany |  |
| Mr. | Reimes | Jan | HEAD acoustics GmbH |  |
| Mr. | Rhyu | Sungryeul | Samsung Electronics Romania | yes |
| Dr. | Rusanovskyy | Dmytro | Qualcomm Israel Ltd. |  |
| Mr. | Sanchez de la Fuente | Yago | Fraunhofer HHI | yes |
| Mr. | Schevciw | Andre | QUALCOMM Europe Inc. - Italy |  |
| Dr. | Schierl | Thomas | Fraunhofer HHI |  |
| Dr. | Shailendra | Samar | Intel Technology India Pvt Ltd |  |
| Mr. | Simmons | John | Google Inc. |  |
| Mr. | Singer | David | Apple (UK) Limited |  |
| Dr. | Sodagar | Iraj | Tencent Cloud | yes |
| Dr. | Song | Jaeyeon | Samsung Electronics Co., Ltd |  |
| Mr. | Steck | Chris | DTS Licensing Limited |  |
| Dr. | Stockhammer | Thomas | Qualcomm communications-France | yes |
| Dr. | Su | Huan-yu | HuaWei Technologies Co., Ltd | Yes |
| Mr. | sun | zhao | Huawei Technologies Sweden AB |  |
| Mr. | Sun | Zhao | Huawei Technologies Sweden AB |  |
| Mr. | Suzuki | Rihito | NTT |  |
| Dr. | Szczerba | Marek | Philips International B.V. |  |
| Mr. | Szucs | Paul | Sony Group Corporation | Yes |
| Dr. | TAN | PENG | TELUS |  |
| Dr. | Tech | Gerhard | Fraunhofer HHI |  |
| Mr. | Teniou | Gilles | Tencent |  |
| Mr. | THIENOT | Cedric | ENENSYS | yes |
| Mr. | Thomas | Emmanuel | Xiaomi Communications | yes |
| Dr. | Tossavainen | Antero | Huawei Technologies France |  |
| Dr. | Tourapis | Alexandros | Apple GmbH |  |
| Mr. | Tsujikawa | Toru | NTT corporation |  |
| Mr. | Varga | Imre | QUALCOMM JAPAN LLC. |  |
| Mr. | Wang | Bin | Beijing Xiaomi Mobile Softwar |  |
| Mr. | Wang | Dong | Guangdong OPPO Mobile Telecom. |  |
| Dr. | Wang | Xin | MediaTek Inc. |  |
| Mr. | Wang | Zhe | HUAWEI TECH. GmbH |  |
| Dr. | Wey | Jun Shan | Verizon Switzerland AG |  |
| Ms. | WU | Jinhua | Beijing Xiaomi Mobile Software |  |
| Mr. | Xie | Minjie | OPPO |  |
| Mr. | Xu | Song | China Mobile Com. Corporation | Yes |
| Mr. | yan | hua | ZTE Corporation |  |
| Dr. | Yang | Hyun-Koo | Samsung Electronics Czech |  |
| Mrs. | Yin | Yujian | China Mobile Com. Corporation |  |
| Mr. | Yip | Eric | SAMSUNG R&D INSTITUTE JAPAN | Yes |
| Mr. | Zeng | Qingjun | CBN |  |
| Dr. | Zhang | Zhuoyun | Tencent Cloud |  |

## 8.19 Final Tdoc allocation

**Legend for Tdocs:**

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

|  |  |  |  |
| --- | --- | --- | --- |
| A.I. # | A.I. Title | Block | Tdoc #s |
| 8 | Multicast-Broadcast-Streaming (MBS) SWG |  |  |
| 8.1 | Opening of the session |  |  |
| 8.2 | Registration of documents |  |  |
| 8.3 | Reports/Liaisons from other groups/meetings | A | 5MBS: S4-211459 -> 005pp003pp009ppQoE:S4-211466 -> 011n, 015n, 188n007 reply in 118->236aS4-211461 -> 008 reply in 117->309, 014n190 reply in 116->237191 reply in 239, 115n101 (DVB) -> back to plenary |
| 8.4 | Issues for immediate consideration |  |  |
| 8.5 | CRs to features in Release 16 and earlier | A | 26.512: 055a, 137->238a26.346: 103a26.247: 119->283a, 120n26.501: 121n, 151r04->306&307 |
| 8.6 | EVEX (5GMS AF Event Exposure) | A | 26.512: 053->231a,26.501: 058->232a,26.532: 071->233a, 100->241a, 24226.531: 099->240a, 243ER: 052aTP: 051 -> 244a063, 156, 159 |
| 8.7 | 5MBUSA (5G Multicast-Broadcast User Service Architecture and related 5GMS Extensions) | A | 26.501: 018r02->234->303, 019a->234(m), 020a->234(m), 021a->234(m),26.502: 056r05->235, 057a->235(m), 112r03a->235 (m), 123r08a->235 (m), 149a->235(m), 150a->235(m)DP: 114nLS: 284->304TP: 108a |
| 8.8 | 5MBP3 (5G Multicast-Broadcast Protocols) | A | DP: 023a,TP: 022a,ER: 024a,26.517: 141->285a |
| 8.9 | 5GMS\_EDGE\_3 (Edge Extensions to 5GMS Stage 3) | A | 26.512: 075->292pp, 076->293ppDP: 083->294a, 176nER: 077->295177pp |
| 8.10 | FS\_5GMS\_EXT (Study on 5G media streaming extensions) | B | 26.804: 027->245r01a, 078->247a, 147r03a, 148r05a, 172r02a, 173n, 250r01a, 248LS: 246->305TP: 072n~~025~~, ~~026~~, 107->249a |
| 8.11 | FS\_NPN4AVProd (Feasibility Study on Media Production over 5G NPN) | B | DP: 028aLS: 27826.805: 136r01->279, 029r06a->279(m), 059a->279(m), 142r01a->279(m), 143r02a->279(m)WS summary: 144n,TP: 145->280aER: 146->281a |
| 8.12 | FS\_5G\_MSE (Feasibility Study on 5G Media Service Enablers) | B | DP: 032a26.857: 031->282aTP: 030a |
| 8.13 | New Work / New Work Items and Study Items | B | Scheduling: 033aNEXT: 070nFS\_5GMS-EA: 139n |
| 8.14 | Others including TEI | B | TRAPI: 067a, 066->251->308186 |
| 8.15 | Review of the future work plan (next meeting dates, hosts) |  |  |
| 8.16 | Any Other Business |  |  |
| 8.17 | Close of the session |  |  |

# Annex - Documents status

## C.1 Agreed documents (not presented to SA4 plenary)

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **TDoc** | **Title** | **Source** | **For** | **SWG Agenda item** | **TDoc Status** | **Revised to** | **Plenary Agenda item** |
| [**S4-220019**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220019.zip) | [5MBUSA] 5GMS via eMBMS - Broadcast on Demand | Qualcomm Incorporated | Agreement | 8.7 | **agreed** |  | - |
| [**S4-220020**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220020.zip) | [5MBUSA] 5GMS via eMBMS - Hybrid Services | Qualcomm Incorporated | Agreement | 8.7 | **agreed** |  | - |
| [**S4-220021**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220021.zip) | [5MBUSA] Collaboration Model for 5GMS via eMBMS | Qualcomm Incorporated | Agreement | 8.7 | **agreed** |  | - |
| [**S4-220022**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220022.zip) | [5MBP3] Proposed Time Plan | Qualcomm Incorporated | Agreement | 8.8 | **agreed** |  | - |
| [**S4-220023**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220023.zip) | [5MBP3] Proposed Specification Work | Qualcomm Incorporated | Agreement | 8.8 | **agreed** |  | - |
| [**S4-220024**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220024.zip) | [5MBP3] Proposed Exception Sheet | Qualcomm Incorporated | Agreement | 8.8 | **agreed** |  | - |
| [**S4-220028**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220028.zip) | [FS\_NPN4AVProd] Proposed Communication with SA2 | Qualcomm Incorporated | Agreement | 8.11 | **agreed** |  | - |
| [**S4-220029**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220029.zip) | [FS\_NPN4AVProd] mmWAVE for Media Production | Qualcomm Incorporated | Agreement | 8.11 | **agreed** |  | - |
| [**S4-220032**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220032.zip) | [FS\_5G\_MSE] Some Ideas around MSE | Qualcomm Incorporated | Agreement | 8.12 | **agreed** |  | - |
| [**S4-220033**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220033.zip) | Proposal for Rel-18 MBS WID scheduling | Qualcomm Incorporated | Agreement | 8.13 | **agreed** |  | - |
| [**S4-220057**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220057.zip) | [5MBUSA] MBS Distribution Session life-cycle model | BBC | Agreement | 8.7 | **agreed** |  | - |
| [**S4-220059**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220059.zip) | [FS\_NPN4AVProd] Tunnelling RTP media sessions over QUIC | BBC | Agreement | 8.11 | **agreed** |  | - |
| [**S4-220067**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220067.zip) | Background on Extensions to MBMS-URLs for ROM Services | Qualcomm Incorporated | Information | 8.14 | **agreed** |  | - |
| [**S4-220112**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220112.zip) | [5MBUSA] Proposed Updates to TS26.502 | Qualcomm Incorporated | Agreement | 8.7 | **agreed** |  | - |
| [**S4-220123**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220123.zip) | pCR to TS 26.502 support of interworking with LTE MBMS | Huawei, HiSilicon | Agreement | 8.7 | **agreed** |  | - |
| [**S4-220142**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220142.zip) | [FS\_NPN4AVProd]: Definition of Collaboration Scenarios | Ericsson LM, BBC, EBU | Agreement | 8.11 | **agreed** |  | - |
| [**S4-220143**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220143.zip) | [FS\_NPN4AVProd]: Introduction to Candidate Solutions and updates to KI#2 | Ericsson LM, BBC, EBU | Agreement | 8.11 | **agreed** |  | - |
| [**S4-220147**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220147.zip) | [FS\_5GMS\_EXT]: Corrections and Conclusions for Traffic Identification KI | Ericsson LM | Agreement | 8.10 | **agreed** |  | - |
| [**S4-220148**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220148.zip) | [FS\_5GMS\_EXT]: Per App authorization | Ericsson LM | Agreement | 8.10 | **agreed** |  | - |
| [**S4-220149**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220149.zip) | [5MBUSA]: Clause 8: Network Function Services | Ericsson LM | Agreement | 8.7 | **agreed** |  | - |
| [**S4-220150**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220150.zip) | [5MBUSA]: Annex B: Nmb8 User Plane ingest examples | Ericsson LM | Agreement | 8.7 | **agreed** |  | - |
| [**S4-220172**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220172.zip) | Additional Potential Issues for Network Slicing Extensions | Samsung Electronics Co. Ltd., Qualcomm Incorporated | Agreement | 8.10 | **agreed** |  | - |
| S4-220233 | [EVEX] TS 26.532: Proposed Editor's Update as V0.2.1 | Qualcomm Incorporated | Agreement | 8.6 | **agreed** |  | - |
| S4-220240 | Access restrictions in EVEX - Stage 2 | QUALCOMM Europe Inc. - Italy |  | 8.6 | **agreed** |  | - |
| S4-220241 | Access restrictions in EVEX - Stage 3 | QUALCOMM Europe Inc. - Italy |  | 8.6 | **agreed** |  | - |
| S4-220245 | [FS\_5GMS\_EXT] pCR 26.804 TV-grade mass distribution of unicast Live Services | Qualcomm Incorporated | Agreement | 8.10 | **agreed** |  | - |
| S4-220249 | [FS\_5GMS-EXT] Updating existing specifications to allow HTTP/3 | Tencent | Agreement | 8.10 | **agreed** |  | - |
| S4-220294 | [EDGE] Triggering discussion on triggering edge servers | Tencent Cloud | Discussion | 8.9 | **agreed** |  | - |

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

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **TDoc** | **Title** | **Source** | **For** | **SWG Agenda item** | **TDoc Status** | **Revised to** | **Plenary Agenda item** |
| [**S4-220030**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220030.zip) | [FS\_5G\_MSE] Proposed Time Plan | Qualcomm Incorporated | Agreement | 8.12 | **agreed** |  | 17.7 |
| [**S4-220052**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220052.zip) | [EVEX] Proposed Exception Sheet | Qualcomm Incorporated | Agreement | 8.6 | **agreed** |  | 15.4 |
| [**S4-220055**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220055.zip) | [5GMS3] Correction to QoE metrics reporting client configuration | BBC | Agreement | 8.5 | **agreed** |  | 14 |
| [**S4-220103**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220103.zip) | CR26.346-0658 Missing XML Data Type for Attributes in MBMS USD | Qualcomm Incorporated | Agreement | 8.5 | **agreed** |  | 14 |
| [**S4-220108**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220108.zip) | [5MBUSA] Updated Work and Time Plan | TELUS | Agreement | 8.7 | **agreed** |  | 15.5 |
| S4-220231 | CR26.512-0017rev1 on Stage 2/3 on Data collection and reporting for 5G Media Streaming (Rel-17) | Qualcomm Incorporated, BBC | Agreement | 8.6 | **agreed** |  | 15.4 |
| S4-220232 | [EVEX] dCR 26.501 on Data collection and reporting for 5G Media Streaming | BBC, Qualcomm Incorporated | Agreement | 8.6 | **agreed** |  | 15.4 |
| [**S4-220236**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220236.zip) | draft LS Reply on SA4 requirements on QoE | Huawei, HiSilicon | Approval | 8.3 | **agreed** |  | 5.2 |
| S4-220238 | CR26512-0019 Add support for VR QoE metrics (Rel-16) | Ericsson LM | Agreement | 8.5 | **agreed** |  | 14 |
| S4-220244 | [EVEX] Proposed Time Plan | Qualcomm Incorporated | Agreement | 8.6 | **agreed** |  | 15.4 |
| S4-220280 | [FS\_NPN4AVProd]: Updated Time and Work Plan for FS\_NPN4AVProd | Ericsson LM | Agreement | 8.11 | **agreed** |  | 17.6 |
| S4-220281 | [FS\_NPN4AVProd]: Exception Sheet | Ericsson LM | Agreement | 8.11 | **agreed** |  | 17.6 |
| S4-220282 | 3GPP TR 26.857 V0.1.0 5G Media Service Enablers (Rel-18) | Qualcomm Incorporated | Agreement | 8.12 | **agreed** |  | 17.7 |
| S4-220283 | CR-26.247 Add support of per-slice QoE measurement | Huawei, HiSilicon | Agreement | 8.5 | **agreed** |  | 14 |
| S4-220285 | 3GPP TS 26.517 V0.1.0 5G Multicast-Broadcast User Services; Protocols and Formats (Rel-17) | BBC (editor) | Agreement | 8.8 | **agreed** |  | 15.6 |

## C.3 Other status than agreed documents (not to be presented to SA4 plenary)

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **TDoc** | **Title** | **Source** | **For** | **SWG Agenda item** | **TDoc Status** | **Revised to** | **Plenary Agenda item** |
| [**S4-220007**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220007.zip) | LS on SA4 requirements for QoE | 3GPP RAN2 | Discussion | 8.3 | **replied to** |  | - |
| [**S4-220008**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220008.zip) | Reply LS on QoE configuration and reporting related issues | 3GPP RAN3 | Discussion | 8.3 | **replied to** |  | - |
| [**S4-220014**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220014.zip) | LS on QoE configuration and reporting related issues | 3GPP SA5 | Discussion | 8.3 | **noted** |  | - |
| [**S4-220015**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220015.zip) | LS Reply on QoE report handling at QoE pause | 3GPP SA5 | Discussion | 5.2 | **noted** |  | - |
| [**S4-220018**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220018.zip) | [5MBUSA] 5GMS via eMBMS - Architecture, Broadcast and Reporting | Qualcomm Incorporated | Agreement | 8.7 | **revised** | S4-220234 | - |
| S4-220025 | [FS\_5GMS-EXT] Key Topic Content Aware Streaming | Qualcomm Incorporated | Agreement | 8.10 | **withdrawn** |  |  |
| S4-220026 | [FS\_5GMS-EXT] Key Topic Support for encrypted and high-value content | Qualcomm Incorporated | Agreement | 8.10 | **withdrawn** |  |  |
| [**S4-220027**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220027.zip) | [FS\_5GMS\_EXT] TV-grade mass distribution of unicast Live Services | Qualcomm Incorporated | Agreement | 8.10 | **revised** | S4-220245 | - |
| [**S4-220031**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220031.zip) | [FS\_5G\_MSE] TR 26.857 v0.0.1 | Qualcomm Incorporated | Agreement | 8.12 | **revised** | S4-220282 | - |
| [**S4-220051**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220051.zip) | [EVEX] Proposed Time Plan | Qualcomm Incorporated | Agreement | 8.6 | **revised** | S4-220244 | - |
| [**S4-220053**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220053.zip) | [EVEX] Stage 2/3 on Data collection and reporting for 5G Media Streaming | Qualcomm Incorporated, BBC | Agreement | 8.6 | **revised** | S4-220231 | - |
| [**S4-220056**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220056.zip) | [5MBUSA] Static domain model and baseline parameters | BBC, Ericsson LM | Agreement | 8.7 | **revised** | S4-220235 | - |
| [**S4-220058**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220058.zip) | [EVEX] Data collection and reporting for 5G Media Streaming | BBC, Qualcomm Incorporated | Agreement | 8.6 | **revised** | S4-220232 | - |
| S4-220063 | [EVEX] Proposed Editor's Update to TS 26.532 | Qualcomm Incorporated | Agreement | 8.6 | **not treated** |  |  |
| [**S4-220066**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220066.zip) | [TEI-17+TRAPI] Extensions to MBMS-URLs for ROM Services | Qualcomm Incorporated | Agreement | 8.14 | **revised** | S4-220251 | - |
| [**S4-220070**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220070.zip) | WID on new 5GMS extensions (NEXT) | Tencent Cloud | Discussion | 8.13 | **noted** |  | - |
| [**S4-220071**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220071.zip) | [EVEX] TS 26.532: Proposed Editor's Update as V0.2.1 | Qualcomm Incorporated | Agreement | 8.6 | **revised** | S4-220233 | - |
| [**S4-220072**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220072.zip) | [FS\_5GMS\_EXT] Updated Workplan | Tencent Cloud | Discussion | 8.10 | **Noted** |  | - |
| [**S4-220075**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220075.zip) | Edge Provisioning for Media Services | QUALCOMM Europe Inc. - Italy |  | 8.9 | **revised** | S4-220292 | - |
| [**S4-220076**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220076.zip) | Edge Configuration for 5G Media Services | QUALCOMM Europe Inc. - Italy |  | 8.9 | **revised** | S4-220293 | - |
| [**S4-220077**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220077.zip) | exception sheet for EDGE\_3 | QUALCOMM Europe Inc. - Italy |  | 8.9 | **revised** | S4-220295 | - |
| [**S4-220078**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220078.zip) | Proposed conclusion on BDT | QUALCOMM Europe Inc. - Italy |  | 8.10 | **revised** | S4-220247 | - |
| [**S4-220083**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220083.zip) | [EDGE] Triggering discussion on triggering edge servers | Tencent Cloud | Discussion | 8.9 | **revised** | S4-220294 | - |
| [**S4-220099**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220099.zip) | Access restrictions in EVEX - Stage 2 | QUALCOMM Europe Inc. - Italy |  | 8.6 | **revised** | S4-220240 | - |
| [**S4-220100**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220100.zip) | Access restrictions in EVEX - Stage 3 | QUALCOMM Europe Inc. - Italy |  | 8.6 | **revised** | S4-220241 | - |
| [**S4-220107**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220107.zip) | [FS\_5GMS-EXT] Updating existing specifications to allow HTTP/3 | Tencent | Agreement | 8.10 | **revised** | S4-220249 | - |
| [**S4-220114**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220114.zip) | Discussion on the Nmb10 service design | Huawei, HiSilicon | Agreement | 8.7 | **noted** |  | - |
| [**S4-220115**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220115.zip) | Overview of potential impacts of NR QoE on SA4 | Huawei, HiSilicon, China Unicom | Agreement | 8.3 | **noted** |  | - |
| [**S4-220116**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220116.zip) | draft LS Reply on maximum container size for QoE configuration and report | Huawei, HiSilicon | Approval | 8.3 | **revised** | S4-220237 | - |
| [**S4-220117**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220117.zip) | draft LS Reply on QoE configuration and reporting related issues | Huawei, HiSilicon | Approval | 8.3 | **revised** | S4-220309 | - |
| [**S4-220118**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220118.zip) | draft LS Reply on SA4 requirements on QoE | Huawei, HiSilicon | Approval | 8.3 | **revised** | S4-220236 | - |
| [**S4-220119**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220119.zip) | CR-26.247 Add support of per-slice QoE measurement | Huawei, HiSilicon | Agreement | 8.5 | **revised** | S4-220283 | - |
| [**S4-220120**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220120.zip) | CR-26.247 support of RAN Visible QoE | Huawei, HiSilicon | Agreement | 8.5 | **noted** |  | - |
| [**S4-220121**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220121.zip) | CR-26.501 suppor of per-slice metrics reporting | Huawei, HiSilicon | Agreement | 8.5 | **noted** |  | - |
| [**S4-220136**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220136.zip) | TR 26.805 v1.0.2 | Ericsson GmbH, Eurolab | Agreement | 8.11 | **revised** | S4-220279 | - |
| [**S4-220137**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220137.zip) | Add support for VR QoE metrics | Ericsson LM | Agreement | 8.5 | **revised** | S4-220238 | - |
| [**S4-220139**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220139.zip) | Study on Energy-aware 5G Media Streaming | InterDigital Communications | Agreement | 8.13 | **noted** |  | - |
| [**S4-220141**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220141.zip) | Skeleton TS 26.517 "5G Multicast-Broadcast User Services; Protocols and Formats" | BBC (editor) | Agreement | 8.8 | **revised** | S4-220285 | - |
| [**S4-220144**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220144.zip) | [FS\_NPN4AVProd]: Summary of 5G MAG Workshops | Ericsson LM, BBC, EBU, 5G-MAG | Information | 8.11 | **noted** |  | - |
| [**S4-220145**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220145.zip) | [FS\_NPN4AVProd]: Updated Time and Work Plan for FS\_NPN4AVProd | Ericsson LM | Agreement | 8.11 | **revised** | S4-220280 | - |
| [**S4-220146**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220146.zip) | [FS\_NPN4AVProd]: Exception Sheet | Ericsson LM | Agreement | 8.11 | **revised** | S4-220281 | - |
| [**S4-220151**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220151.zip) | [5MSA]: Correction 5GMS Client definition and clarification of reference point usage | Ericsson LM | Agreement | 8.5 | **revised** | S4-220306 | - |
| S4-220156 | [EVEX] Data Collection, Reporting and Exposure in 5GMS | Qualcomm Incorporated | Agreement | 8.6 | **not treated** |  | - |
| [**S4-220159**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220159.zip) | [EVEX] Additional Stage 2 and Stage 3 Text for TS 26.532 | Qualcomm Incorporated | Agreement | 8.6 | **not treated** |  | - |
| [**S4-220173**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220173.zip) | Use cases for Network Slicing Extensions for 5G Media Streaming | Samsung Electronics Co., Ltd. | Agreement | 8.10 | **noted** |  | - |
| [**S4-220176**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220176.zip) | Edge-related APIs in M6 | QUALCOMM Europe Inc. - Italy |  | 8.9 | **noted** |  | - |
| S4-220177 | OpenAPI and yaml for Edge APIs | QUALCOMM Europe Inc. - Italy |  | 8.9 | **Postponed** |  | - |
| [**S4-220186**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220186.zip) | Requirement on UE Behavior regarding QoE Measurement and Reporting | Qualcomm Incorporated |  | 8.14 | **not treated** |  | - |
| S4-220234 | [5MBUSA] dCR 26.501 5GMS via eMBMS | Qualcomm Incorporated | Agreement | 8.7 | **revised** | S4-220303 | - |
| S4-220246 | LS (to 3GPP SA2, CT3) on Traffic Identification within 5G Media Streaming | MBS SWG | Discussion | 8 | **revised** | S4-220305 | - |
| S4-220250 | pCR 26.804 on Conclusions | Editor (Ericsson) | Agreement | 8.10 | **agreed** |  | - |
| S4-220251 | CR26347-0011 Extensions to MBMS-URLs for ROM Services (Rel-17) | Qualcomm Incorporated | Agreement | 8.14 | **revised** | S4-220308 | - |
| S4-220252 | 3GPP TS 26.532 v0.3.0 Data Collection and Reporting; Protocols and Formats; (Release 17) | MBS SWG | Discussion | 8 | **available** |  | Duplicate of 242 ? |
| S4-220284 | LS (to 3GPP SA2, CT3, CT4) on 5MBS User Services | BBC | Agreement | 8.7 | **revised** | S4-220304 | - |
| S4-220292 | Edge Provisioning for Media Services | QUALCOMM Europe Inc. - Italy |  | 8.9 | **Postponed** |  | - |
| S4-220293 | Edge Configuration for 5G Media Services | QUALCOMM Europe Inc. - Italy |  | 8.9 | **Postponed** |  | - |

## C.4 Other status than agreed documents (to be presented to SA4 plenary)

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **TDoc** | **Title** | **Source** | **For** | **SWG Agenda item** | **TDoc Status** | **Revised to** | **Plenary Agenda item** |
| [**S4-220003**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220003.zip) | Reply LS on 5MBS preparation of stage 3 work split between SA4 and CT3 | 3GPP CT4 | Discussion | 8.3 | **Postponed** |  | 5.2 |
| [**S4-220005**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220005.zip) | LS on the MBS broadcast service continuity and MBS session identification | 3GPP RAN2 | Discussion | 8.3 | **Postponed** |  | 5.2 |
| [**S4-220009**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220009.zip) | Reply LS on maximum number of MBS sessions that can be associated to a PDU session | 3GPP SA2 | Discussion | 8.3 | **Postponed** |  | 5.2 |
| [**S4-220011**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220011.zip) | Reply LS on QoE report handling at QoE pause | 3GPP SA5 | Discussion | 8.3 | **not treated** |  | 5.2 |
| [**S4-220101**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220101.zip) | LS on Content Encdoing In MBMS FLUTE | DVB | Discussion | 8.3 | **not treated** |  | 5.3 |
| [**S4-220188**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220188.zip) | Further reply on QoE report handling at QoE pause | 3GPP RAN2 | Discussion | 8.3 | **noted** |  | 5.2 |
| [**S4-220190**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220190.zip) | Reply LS on maximum container size for QoE configuration and report | 3GPP RAN2 | Discussion | 8.3 | **replied to** |  | 5.2 |
| [**S4-220191**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220191.zip) | Reply LS on RAN visible QoE | 3GPP RAN2 | Discussion | 8.3 | **replied to** |  | 5.2 |
| S4-220235 | 3GPP TS 26.502 V1.1.0 5G multicast–broadcast services; User Service architecture | Qualcomm Incorporated | Agreement | 8.10 | **available** |  | 15.5 |
| [**S4-220237**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_117-e/Docs/S4-220237.zip) | draft LS Reply on maximum container size for QoE configuration and report | Huawei, HiSilicon | Approval | 8.3 | **available** |  | 5.2 |
| S4-220239 | LS Reply (to RAN2) on RAN visible QoE | MBS SWG | Discussion | 8.3 | **available** |  | 5.2 |
| S4-220242 | pCR (??) 3GPP TS 26.532 v0.3.0 Data Collection and Reporting; Protocols and Formats; (Release 17) | MBS SWG | Discussion | 8.6 | **available** |  | 15.4 |
| S4-220243 | 3GPP TS 26.531 v1.1.0 Data Collection and Reporting; General Description and Architecture (Release 17) | MBS SWG | Discussion | 8.6 | **available** |  | 15.4 |
| S4-220248 | 3GPP TR 26.804 v1.1.0 Study on 5G media streaming extensions (Release 17) | Editor | Agreement | 8 | **available** |  | 17.5 |
| S4-220278 | LS (to SA2) on Media Production over 5G NPN | Ericsson | Agreement | 8.11 | **available** |  | 17.6 |
| S4-220279 | 3GPP TR 26.805 V1.1.0 Study on Media Production over 5G NPN Systems (Rel-17) | Editor (Ericsson) | Agreement | 8.11 | **available** |  | 17.6 |
| S4-220295 | exception sheet for EDGE\_3 | QUALCOMM Europe Inc. - Italy |  | 8.9 | **available** |  | 15.7 |
| S4-220303 | [5MBUSA] dCR 26.501 5GMS via eMBMS | Qualcomm Incorporated | Agreement | 8.7 | **available** |  | 15.5 |
| S4-220304 | LS (to 3GPP SA2, CT3, CT4) on 5MBS User Services | BBC | Agreement | 8.7 | **available** |  | 15.5 |
| S4-220305 | LS (to 3GPP SA2, CT3) on Traffic Identification within 5G Media Streaming | MBS SWG | Discussion | 8 | **available** |  | 17.5 |
| S4-220306 | CR26501-XXXX Correction 5GMS Client definition and clarification of reference point usage (Rel-16) | Ericsson LM | Agreement | 8.5 | **available** |  | 14 |
| S4-220307 | CR26501-XXXX Correction 5GMS Client definition and clarification of reference point usage (Rel-17) | Ericsson LM | Agreement | 8.5 | **available** |  | 14 |
| S4-220308 | CR26347-0011 Extensions to MBMS-URLs for ROM Services (Rel-17) | Qualcomm Incorporated | Agreement | 8.14 | **available** |  | 15.8 |
| S4-220309 | draft LS Reply on QoE configuration and reporting related issues | Huawei, HiSilicon | Approval | 8.3 | **available** |  | 5.2 |

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