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

**Title: 3GPP SA4 MBS SWG report during SA4#115-e**

**Document for: Approval**

**Agenda item: 14.2**

MBS SWG Minutes during SA4#115e

## 9.1 Opening of the session

Mr. Frédéric Gabin (Dolby, Chairman of MBS SWG) opens the telco sessions on 19 August 2021 at 14:35 CEST.

E-mail discussion started already on Wed, 18 Aug 2021 07:41:51 +0000

|  |  |  |
| --- | --- | --- |
| [MBS SWG Tdoc allocation and tentative schedule](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;5cd0da74.2108C&S=) | Gabin, Frederic | 18 Aug 2021 09:33:31 +0000 |
| [MBS SWG Tdoc allocation and tentative schedule](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;d5485bae.2108C&S=) | Gabin, Frederic | 17 Aug 2021 09:16:49 +0000 |
| [MBS SWG Tdoc allocation and tentative schedule](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;4907bd6a.2108C&S=) | panqi (E) | 17 Aug 2021 09:44:37 +0000 |
| [MBS Tdoc allocation rev1](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;68ce52dd.2108C&S=) | Gabin, Frederic | 18 Aug 2021 10:03:32 +0000 |

**Schedule:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Session** | **Date** | **CEST** | **Topic** |
| **MBS SWG Sessions (Block A)** | | | |
| Slot 1 (90min) | Thursday 19th Aug. | 1430-1600 | **9.5 Maintenance CRs**  **9.6 EVEX** |
| Slot 2 (90min) | Friday 20th Aug. | 1630-1800 | **9.3 LSs**  **9.7 5GMS\_EDGE**  **9.8 5MBUSA** |
| Slot 3 (60min) | Monday 23rd Aug. | 1430-1530 | **Washup Block A** |
| **MBS SWG Sessions (Block B)** | | | |
| Slot 4 (90 min) | Tuesday 24th Aug. | 1430-1600 | **9.9 FS\_5GMS\_EXT** |
| Slot 5 (90min) | Wednesday 25th Aug. | 1630-1800 | **9.10 FS\_NPN4AVProd**  **9.11 New Work** |
| Slot 6 (60min) | Thursday 26th Aug. | 1430-1530 | **Washup Block B** |

Mr. Julien Lemotheux (Orange), Emmanuel Thomas (Xiaomi), Spencer Dawkins (Tencent) and Mr. Charles Lo (Qualcomm) 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#115e](https://docs.google.com/document/d/1paVQq7sSc_T4Abn6IgrtKtwe2TuNhMhjd-6Kyzkvjus/edit?usp=sharing).

Attendees are listed [here](#kix.rpfew982j3qz), please add attendance ‘Y’.

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

* <https://list.etsi.org/scripts/wa.exe?A1=ind2108C&L=3GPP_TSG_SA_WG4_MBS>
* <https://list.etsi.org/scripts/wa.exe?A1=ind2108D&L=3GPP_TSG_SA_WG4_MBS>

The agenda and the registration of documents are agreed.

## 9.2 Registration of documents

|  |  |  |  |
| --- | --- | --- | --- |
| 6.1 | SA4 SWG ad hoc meetings | Plenary | 1084app, 1085app, 1086app, 1087app, 1088app, 1089app (MBS SWG) |
| 6.2 | Other 3GPP groups | Plenary | 1058 (RAN2) -> MBS SWG  1059 (RAN2) -> MBS SWG  1061 (RAN3) -> MBS SWG  1063 (RAN3) -> MBS SWG  1062 (RAN3) -> MBS SWG  1064 (SA2) -> MBS SWG  1065 (SA2) -> MBS SWG |
| 9 | Multicast-Broadcast-Streaming (MBS) SWG | - |  |
| 9.1 | Opening of the session | A |  |
| 9.2 | Registration of documents | A |  |
| 9.3 | Reports/Liaisons from other groups/meetings | A | 1090, 1132, 1133, 1134    ~~1107~~ |
| 9.4 | Issues for immediate consideration | A |  |
| 9.5 | CRs to features in Release 16 and earlier | A | 1106, 1137 |
| 9.6 | EVEX (5GMS AF Event Exposure) | A | 1036, 1037, 1038, 1101, 1102, 1103, 1135 |
| 9.7 | 5GMS\_EDGE (Edge Extensions to the 5G Media Streaming Architecture) | A | 1076, 1077, 1078, 1136, 1175 |
| 9.8 | 5MBUSA (5G Multicast-Broadcast User Service Architecture and related 5GMS Extensions) | A | 1005, 1006, 1007, 1008, 1009, 1010, 1082->1173, 1143 |
| 9.9 | FS\_5GMS\_EXT (Study on 5G media streaming extensions) | B | 1011, 1050, 1079, 1096, 1097, 1098, 1108, 1161, 1174    TP: 1123    1012 (n/a), 1013 (n/a), 1014 (n/a), 1015 (n/a), 1080 |
| 9.10 | FS\_NPN4AVProd (Feasibility Study on Media Production over 5G NPN) | B | 1162, 1163, 1164, 1165, 1166, 1167, 1168 |
| 9.11 | New Work / New Work Items and Study Items | B | 1051, 1099 |
| 9.12 | Others including TEI | B |  |
| 9.13 | Review of the future work plan (next meeting dates, hosts) | B |  |
| 9.14 | Any Other Business | B |  |
| 9.15 | Close of the session | B |  |

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| TDoc | Title | Source | Agenda item |
| [S4-211058](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211058.zip) | LS on QoE report handling at QoE pause | 3GPP RAN2 | 6.2 |
| [S4-211059](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211059.zip) | LS on QoE configuration and reporting related issues | 3GPP RAN2 | 6.2 |
| [S4-211061](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211061.zip) | LS on the mapping between service types and slice at application | 3GPP RAN3 | 6.2 |
| [S4-211062](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211062.zip) | LS on requirement for configuration changes of ongoing QMC sessions | 3GPP RAN3 | 6.2 |
| [S4-211063](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211063.zip) | LS on the area handling for QoE during mobility | 3GPP RAN3 | 6.2 |
| [S4-211064](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211064.zip) | Reply LS to SA4 on UE Data Collection | 3GPP SA2 | 6.2 |
| [S4-211065](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211065.zip) | Reply LS on work split for MBSF and MBSTF definition | 3GPP SA2 | 6.2 |
| [S4-211090](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211090.zip) | Discussion on QoE report handling at QoE pause | Huawei Technologies Co.,Ltd. | 9.3 |
| [S4-211107](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211107.zip) | QoE Handling during RAN Overload induced Temporary Pause | Qualcomm Incorporated | 9.3 |
| [S4-211132](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211132.zip) | [Draft] Reply LS on QoE configuration and reporting related issues | Huawei Technologies Co.,Ltd. | 9.3 |
| [S4-211133](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211133.zip) | [Draft] LS Reply on QoE report handling at QoE pause | Huawei Technologies Co.,Ltd. | 9.3 |
| [S4-211134](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211134.zip) | [Draft] LS Reply on requirement for configuration changes of ongoing QMC sessions | Huawei Technologies Co.,Ltd. | 9.3 |
| [S4-211106](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211106.zip) | Corrections to TS 26.512 | Qualcomm Incorporated | 9.5 |
| [S4-211137](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211137.zip) | QoE configuration release | Huawei Telecommunication India | 9.5 |
| [S4-211036](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211036.zip) | [EVEX] Reference architecture for data collection and reporting | BBC, Qualcomm Incorporated | 9.6 |
| [S4-211037](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211037.zip) | [EVEX] Collaboration scenarios for data collection and reporting | BBC | 9.6 |
| [S4-211038](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211038.zip) | [EVEX] LS on UE data collection and reporting | BBC | 9.6 |
| [S4-211101](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211101.zip) | Proposed Work Plan for EVEX | Qualcomm Incorporated | 9.6 |
| [S4-211102](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211102.zip) | Proposed TS 26.532 Skeleton v0.0.1 | Qualcomm Incorporated | 9.6 |
| [S4-211103](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211103.zip) | Applicability of SEAL in the Data Collection and Reporting Architecture | Qualcomm Incorporated | 9.6 |
| [S4-211135](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211135.zip) | Discussion on Data Collection AF design based on CAPIF | Huawei Technologies Co.,Ltd. | 9.6 |
| [S4-211076](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211076.zip) | Draft CR on Edge Extensions to 5GMS | QUALCOMM Europe Inc. - Italy | 9.7 |
| [S4-211077](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211077.zip) | Updates to Proposed Timeplan for 5GMS\_EDGE | Qualcomm Incorporated | 9.7 |
| [S4-211078](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211078.zip) | Multimedia Application Context Definition | QUALCOMM Europe Inc. - Italy | 9.7 |
| [S4-211136](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211136.zip) | Discussion on 5GMS AF context definition | Huawei Technologies Co.,Ltd. | 9.7 |
| [S4-211175](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211175.zip) | Requirements for EAS Relocation Support in EMSA Architecture | Samsung Electronics Co., Ltd. | 9.7 |
| [S4-211005](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211005.zip) | [5MBUSA] Architecture and Service Model | Qualcomm Incorporated | 9.8 |
| [S4-211006](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211006.zip) | [5MBUSA] Re-use of MBMS | Qualcomm Incorporated | 9.8 |
| [S4-211007](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211007.zip) | [5MBUSA] 5GMS via eMBMS | Qualcomm Incorporated | 9.8 |
| [S4-211008](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211008.zip) | [5MBUSA] Low-latency Broadcast | Qualcomm Incorporated | 9.8 |
| [S4-211009](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211009.zip) | [5MBUSA] Hybrid Services | Qualcomm Incorporated | 9.8 |
| [S4-211010](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211010.zip) | [5MBUSA] Security Aspects | Qualcomm Incorporated | 9.8 |
| [S4-211082](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211082.zip) | [5MBUSA] Work and Time Plan | TELUS | 9.8 |
| [S4-211143](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211143.zip) | pCR to TS 26.502 on reference architecture | TELUS | 9.8 |
| [S4-211173](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211173.zip) | [5MBUSA] Work and Time Plan | TELUS | 9.8 |
| [S4-211011](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211011.zip) | [FS\_5GMS-EXT] Proposed Timeplan Updates | Qualcomm Incorporated | 9.9 |
| [S4-211012](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211012.zip) | [FS\_5GMS-EXT] Key Topic Additional / New transport protocols | Qualcomm Incorporated | 9.9 |
| [S4-211013](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211013.zip) | [FS\_5GMS-EXT] Key Topic Content Aware Streaming | Qualcomm Incorporated | 9.9 |
| [S4-211014](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211014.zip) | [FS\_5GMS-EXT] Key Topic Support for encrypted and high-value content | Qualcomm Incorporated | 9.9 |
| [S4-211015](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211015.zip) | [FS\_5GMS-EXT] Key Topic Scalable distribution of unicast Live Services | Qualcomm Incorporated | 9.9 |
| [S4-211050](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211050.zip) | [FS\_5GMS\_EXT]: Content Preparation: Conclusion and recommendations | Tencent | 9.9 |
| [S4-211079](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211079.zip) | Update to Potential solution for Background Data Transfer in 5GMS | Qualcomm Incorporated | 9.9 |
| [S4-211080](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211080.zip) | Considerations on Per-application Authorization | QUALCOMM Europe Inc. - Italy | 9.9 |
| [S4-211096](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211096.zip) | [FS\_5GMS\_EXT]: Uplink streaming: Contribution reporting | Tencent | 9.9 |
| [S4-211097](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211097.zip) | [FS\_5GMS\_EXT]: Uplink streaming: Metric reporting | Tencent | 9.9 |
| [S4-211098](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211098.zip) | [FS\_5GMS\_EXT]: Uplink streaming: Conclusion and recommendations | Tencent | 9.9 |
| [S4-211108](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211108.zip) | [FS\_5GMS\_EXT] New Transport Protocols - Conclusions and Recommendations | Tencent | 9.9 |
| [S4-211123](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211123.zip) | [FS\_5GMS\_EXT] Updated Workplan | Tencent | 9.9 |
| [S4-211161](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211161.zip) | [FS\_5GMS\_EXT] Proposal of Candidate Solutions for ToS based traffic detection | Ericsson LM | 9.9 |
| [S4-211174](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211174.zip) | Network Slicing Extensions for 5G Media Streaming | Samsung Electronics Co., Ltd., Qualcomm Incorporated | 9.9 |
| [S4-211162](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211162.zip) | [FS\_NPN4AVProd] Clarification of Cloud vs Remote Production | Ericsson LM, BBC, EBU, Sennheiser, Dolby | 9.10 |
| [S4-211163](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211163.zip) | [FS\_NPN4AVProd] Proposal of Media Protocol related Key Issues | Ericsson LM, BBC, EBU, Sennheiser, Dolby | 9.10 |
| [S4-211164](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211164.zip) | [FS\_NPN4AVProd] Proposal of a Remote Camera Configuration Key Issue | Ericsson LM, BBC, EBU, Sennheiser, Dolby | 9.10 |
| [S4-211165](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211165.zip) | [FS\_NPN4AVProd] Proposal of two bitrate adaptation related Key Issues | Ericsson LM, BBC, EBU, Sennheiser, Dolby | 9.10 |
| [S4-211166](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211166.zip) | [FS\_NPN4AVProd] Proposal of a Key Issue around configurable audio channels | Ericsson LM, BBC, EBU, Sennheiser, Dolby | 9.10 |
| [S4-211167](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211167.zip) | [FS\_NPN4AVProd] Proposal of a new NPN usage related Key Issue | Ericsson LM, BBC, EBU, Sennheiser, Dolby | 9.10 |
| [S4-211168](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211168.zip) | [FS\_NPN4AVProd] Proposed Timeplan updates | Ericsson LM | 9.10 |
| [S4-211051](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211051.zip) | Draft New WID on 5GMS content preparation extensions | Tencent | 9.11 |
| [S4-211099](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211099.zip) | Draft New WID on 5GMS additional uplink streaming extensions | Tencent | 9.11 |

## 9.3 Reports and liaisons from other groups

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| [S4-211058](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211058.zip) | LS on QoE report handling at QoE pause | 3GPP RAN2 | Jayeeta Saha |

**E-mail Discussion:**

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| --- | --- | --- |
| [[9.3; 1058, 1090, 1133; Block A; 20Aug 1200 CEST] Discussion paper and proposed reply LS on QoE pause -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;4181ad6f.2108C&S=) | Gabin, Frederic | 18 Aug 2021 15:43:55 +0000 |
| [[9.3; 1058, 1090, 1133; Block A; 20Aug 1200 CEST] Discussion paper and proposed reply LS on QoE pause -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;342795b1.2108C&S=) | Charles Lo | 19 Aug 2021 05:01:46 +0000 |
| [[9.3; 1058, 1090, 1133; Block A; 20Aug 1200 CEST] Discussion paper and proposed reply LS on QoE pause -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;88ce5aa7.2108C&S=) | panqi (E) | 19 Aug 2021 06:54:29 +0000 |
| [[9.3; 1058, 1090, 1133; Block A; 20Aug 1200 CEST] Discussion paper and proposed reply LS on QoE pause -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;37f57567.2108C&S=) | Gunnar Heikkilä | 19 Aug 2021 09:20:30 +0000 |
| [[9.3; 1058, 1090, 1133; Block A; 20Aug 1200 CEST] Discussion paper and proposed reply LS on QoE pause -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;674a17c2.2108C&S=) | Gabin, Frederic | 19 Aug 2021 10:27:18 +0000 |
| [[9.3; 1058, 1090, 1133; Block A; 20Aug 1200 CEST] Discussion paper and proposed reply LS on QoE pause -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;6443abdc.2108C&S=) | Gabin, Frederic | 19 Aug 2021 10:29:36 +0000 |
| [[9.3; 1058, 1090, 1133; Block A; 20Aug 1200 CEST] Discussion paper and proposed reply LS on QoE pause -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;11b434a9.2108C&S=) | panqi (E) | Thu, 19 Aug 2021 16:50:48 +0000 |
| [[9.3; 1058, 1090, 1133; Block A; 20Aug 1200 CEST] Discussion paper and proposed reply LS on QoE pause -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;772f4c77.2108C&S=) | Charles Lo | Fri, 20 Aug 2021 06:33:56 +0000 |
| [[9.3; 1058, 1090, 1133; Block A; 20Aug 1200 CEST] Discussion paper and proposed reply LS on QoE pause -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;cfe37443.2108C&S=) | panqi (E) | Fri, 20 Aug 2021 07:07:38 +0000 |
| [[9.3; 1058, 1090, 1133; Block A; 20Aug 1200 CEST] Discussion paper and proposed reply LS on QoE pause -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;34aab9f4.2108C&S=) | Gunnar Heikkilä | Fri, 20 Aug 2021 08:54:12 +0000 |
| [[9.3; 1058, 1090, 1133; Block A; 20Aug 1200 CEST] Discussion paper and proposed reply LS on QoE pause -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;79e92e7f.2108C&S=) | panqi (E) | Fri, 20 Aug 2021 09:34:14 +0000 |
| [[9.3; 1058, 1090, 1133; Block A; 20Aug 1200 CEST] Discussion paper and proposed reply LS on QoE pause -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;dbf07532.2108C&S=) | Gunnar Heikkilä | Fri, 20 Aug 2021 14:01:48 +0000 |
| [[9.3; 1058, 1090, 1133; Block A; 20Aug 1200 CEST] Discussion paper and proposed reply LS on QoE pause -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;d421661a.2108C&S=) | panqi (E) | Fri, 20 Aug 2021 14:14:52 +0000 |
| [[9.3; 1058, 1090, 1133; Block A; 20Aug 1200 CEST] Discussion paper and proposed reply LS on QoE pause -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;6ecc0fb4.2108C&S=) | Gabin, Frederic | Fri, 20 Aug 2021 14:22:01 +0000 |
| [[9.3; 1058, 1090, 1133; Block A; 20Aug 1200 CEST] Discussion paper and proposed reply LS on QoE pause -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;4a20f136.2108C&S=) | panqi (E) | Fri, 20 Aug 2021 14:34:14 +0000 |
| [[9.3; 1058, 1090, 1133; Block A; 20Aug 1200 CEST] Discussion paper and proposed reply LS on QoE pause -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;6f5f51f9.2108C&S=) | panqi (E) | Fri, 20 Aug 2021 17:16:20 +0000 |
| [Re: [9.3; 1058, 1090, 1133; Block A; 20Aug 1200 CEST] Discussion paper and proposed reply LS on QoE pause -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;27eab141.2108D&S=) | Hyung-Nam Choi5 | Sun, 22 Aug 2021 18:29:55 +0000 |
| [Re: [9.3; 1058, 1090, 1133; Block A; 20Aug 1200 CEST] Discussion paper and proposed reply LS on QoE pause -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;e7956cfd.2108D&S=) | panqi (E) | Mon, 23 Aug 2021 09:13:36 +0000 |
| [Re: [9.3; 1058, 1090, 1133->1226; Block A; 20Aug 1200 CEST] Discussion paper and proposed reply LS on QoE pause -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;9ada577a.2108D&S=) | panqi (E) | Mon, 23 Aug 2021 13:41:56 +0000 |
| [Re: [9.3; 1058, 1090, 1133->1226; Block A; 20Aug 1200 CEST] Discussion paper and proposed reply LS on QoE pause -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;1a9976f7.2108D&S=) | panqi (E) | Tue, 24 Aug 2021 02:18:40 +0000 |

**Decision:**

* Replied in 1133.

[**S4-211058**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211058.zip) is replied to in [S4-211133](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211133.zip).

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| [S4-211059](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211059.zip) | LS on QoE configuration and reporting related issues | 3GPP RAN2 | Jayeeta Saha |

**E-mail Discussion:**

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| [[9.3; 1059, 1132; Block A; 20Aug 1200 CEST] proposed reply LS on QoE configuration and reporting related issues -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;e1a00b43.2108C&S=) | Gabin, Frederic | 18 Aug 2021 15:44:05 +0000 |
| [[9.3; 1059, 1132; Block A; 20Aug 1200 CEST] proposed reply LS on QoE configuration and reporting related issues -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;f194f1bf.2108C&S=) | Gunnar Heikkilä | 19 Aug 2021 10:12:41 +0000 |
| [[9.3; 1059, 1132; Block A; 20Aug 1200 CEST] proposed reply LS on QoE configuration and reporting related issues -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;c5de1729.2108C&S=) | panqi (E) | Thu, 19 Aug 2021 16:59:51 +0000 |
| [[9.3; 1059, 1132; Block A; 20Aug 1200 CEST] proposed reply LS on QoE configuration and reporting related issues -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;1cd30f5f.2108C&S=) | Gunnar Heikkilä | Fri, 20 Aug 2021 08:17:00 +0000 |
| [[9.3; 1059, 1132; Block A; 20Aug 1200 CEST] proposed reply LS on QoE configuration and reporting related issues -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;aa7599b.2108C&S=) | Gabin, Frederic | Fri, 20 Aug 2021 10:15:09 +0000 |
| [[9.3; 1059, 1132; Block A; 20Aug 1200 CEST] proposed reply LS on QoE configuration and reporting related issues -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;9a5be464.2108C&S=) | Gunnar Heikkilä | Fri, 20 Aug 2021 10:54:12 +0000 |
| [[9.3; 1059, 1132; Block A; 20Aug 1200 CEST] proposed reply LS on QoE configuration and reporting related issues -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;ebd5aab.2108C&S=) | Gunnar Heikkilä | Fri, 20 Aug 2021 12:26:26 +0000 |
| [[9.3; 1059, 1132; Block A; 20Aug 1200 CEST] proposed reply LS on QoE configuration and reporting related issues -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;15b82c8f.2108C&S=) | panqi (E) | Fri, 20 Aug 2021 12:28:21 +0000 |
| [[9.3; 1059, 1132; Block A; 20Aug 1200 CEST] proposed reply LS on QoE configuration and reporting related issues -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;2dfff2e.2108C&S=) | Gunnar Heikkilä | Fri, 20 Aug 2021 12:40:59 +0000 |
| [[9.3; 1059, 1132; Block A; 20Aug 1200 CEST] proposed reply LS on QoE configuration and reporting related issues -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;7ae431af.2108C&S=) | Gunnar Heikkilä | Fri, 20 Aug 2021 12:45:44 +0000 |
| [[9.3; 1059, 1132; Block A; 20Aug 1200 CEST] proposed reply LS on QoE configuration and reporting related issues -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;aeddf15f.2108C&S=) | panqi (E) | Fri, 20 Aug 2021 12:59:34 +0000 |
| [[9.3; 1059, 1132; Block A; 20Aug 1200 CEST] proposed reply LS on QoE configuration and reporting related issues -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;6dae5d22.2108C&S=) | panqi (E) | Fri, 20 Aug 2021 13:03:01 +0000 |
| [[9.3; 1059, 1132; Block A; 20Aug 1200 CEST] proposed reply LS on QoE configuration and reporting related issues -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;c5761178.2108C&S=) | Gunnar Heikkilä | Fri, 20 Aug 2021 13:34:07 +0000 |
| [Re: [9.3; 1059, 1132->1227; Block A; 20Aug 1200 CEST] proposed reply LS on QoE configuration and reporting related issues -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;ed895d11.2108D&S=) | panqi (E) | Mon, 23 Aug 2021 09:45:31 +0000 |
| [Re: [9.3; 1059, 1132->1227; Block A; 20Aug 1200 CEST] proposed reply LS on QoE configuration and reporting related issues -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;ca814694.2108D&S=) | panqi (E) | Mon, 23 Aug 2021 15:41:22 +0000 |
| [Re: [9.3; 1059, 1132->1227; Block A; 20Aug 1200 CEST] proposed reply LS on QoE configuration and reporting related issues -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;2a96c55a.2108D&S=) | Charles Lo | Mon, 23 Aug 2021 16:12:18 +0000 |
| [Re: [9.3; 1059, 1132->1227; Block A; 20Aug 1200 CEST] proposed reply LS on QoE configuration and reporting related issues -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;3471d4d8.2108D&S=) | Gunnar Heikkilä | Mon, 23 Aug 2021 17:05:53 +0000 |
| [Re: [9.3; 1059, 1132->1227; Block A; 20Aug 1200 CEST] proposed reply LS on QoE configuration and reporting related issues -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;2120a9e9.2108D&S=) | Charles Lo | Mon, 23 Aug 2021 17:18:25 +0000 |
| [Re: [9.3; 1059, 1132->1227->1291; Block A; 20Aug 1200 CEST] proposed reply LS on QoE configuration and reporting related issues -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;a60d02df.2108D&S=) | panqi (E) | Tue, 24 Aug 2021 02:17:18 +0000 |

**Decision:**

* Replied to in 1132

[**S4-211059**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211059.zip) is replied to in [S4-211132](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211132.zip).

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| [S4-211061](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211061.zip) | LS on the mapping between service types and slice at application | 3GPP RAN3 | Jayeeta Saha |

**E-mail Discussion:**

none

**Online Presenter: Thomas Stockhammer, Qualcomm**

**Online Discussion:**

* The LS was presented.
* Thorsten: The core network can do remapping. SA2 should be asked. The UE is not aware of what is allocated.
* Imed: The question: Is the UE aware of the slice used?
* Thorsten: The application is aware of what is used in the PDU session establishment but not on what is exactly allocated.
* Imed: The MSH will have to receive the configuration so we can handle this.
* Frédéric: Let’s consider it during the washup.
* Thomas: SA4 has an action, so we need to respond. Qualcomm will initiate an answer.

**Decision:**

* Replied in 1225 (Imed).

[**S4-211061**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211061.zip) is replied to in [S4-211225](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211225.zip).

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| [S4-211](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211061.zip)225 | [Draft] Reply LS on the mapping between service types and slice at application (To: RAN3) | Qualcomm | Imed Bouazizi |

**E-mail Discussion:**

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| [Document 1225 - Draft Reply to RAN3](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;674573c2.2108C&S=) | Imed Bouazizi | Fri, 20 Aug 2021 15:02:21 +0000 |
| [Re: Document 1225 - Draft Reply to RAN3](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;80983d1b.2108D&S=) | Gabin, Frederic | Tue, 24 Aug 2021 10:46:12 +0000 |
| [Re: Document 1225 - Draft Reply to RAN3](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;1ccbdb9c.2108D&S=) | panqi (E) | Tue, 24 Aug 2021 12:21:27 +0000 |
| [Re: Document 1225 - Draft Reply to RAN3](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;b9fc5658.2108D&S=) | Gunnar Heikkilä | Tue, 24 Aug 2021 12:57:09 +0000 |
| [Re: Document 1225 - Draft Reply to RAN3](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;9953d700.2108D&S=) | panqi (E) | Tue, 24 Aug 2021 14:02:10 +0000 |
| [Re: Document 1225 - Draft Reply to RAN3](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;3eb5ee45.2108D&S=) | Imed Bouazizi | Thu, 26 Aug 2021 03:52:44 +0000 |

**Online Presenter: Imed Bouazizi, Qualcomm**

**Online Discussion:**

* Draft version was presented.
* Qi: Is the MSH able to use the AT command?
* Imed: Yes, AT command should be possible for both. I can update that.
* \_r01 version was presented.
* Imed: I am planning to do a few more edits but I haven’t received additional feedback.
* Thorsten: In the 3rd paragraph, can we phrase this to be sure they know what has been requested.
* Charles: clarified that this LS exchange pertains to QMC based QoE reporting over RRC, not application level reporting to the 5GMS AF
* Qi: I have one confusion, is there any difference between 5G Media Streaming and traditional DASH streaming?
* Imed: There are only 2 service types: streaming and MTSI. But my RAN3 colleagues indicated they are adding more service types for VR or 5GMS. If you have more insight it would be good.
* Gunnar: It is complex, I am not sure we have the full picture. VR could use the same service type as streaming.

**Decision:**

* 1225 will be reviewed during the plenary.

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| [S4-211062](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211062.zip) | LS on requirement for configuration changes of ongoing QMC sessions | 3GPP RAN3 | Jayeeta Saha |

**E-mail Discussion:**

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| [[9.3; 1062, 1137, 1134; Block A; 20Aug 1200 CEST] LS Reply on requirement for configuration changes of ongoing QMC sessions and CR 26.247-0168 on QoE configuration release-> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;6139982b.2108C&S=) | Gabin, Frederic | 18 Aug 2021 15:44:17 +0000 |
| [[9.3; 1062, 1137, 1134; Block A; 20Aug 1200 CEST] LS Reply on requirement for configuration changes of ongoing QMC sessions and CR 26.247-0168 on QoE configuration release-> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;6b067149.2108C&S=) | Thorsten Lohmar | 19 Aug 2021 05:37:26 +0000 |
| [[9.3; 1062, 1137, 1134; Block A; 20Aug 1200 CEST] LS Reply on requirement for configuration changes of ongoing QMC sessions and CR 26.247-0168 on QoE configuration release-> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;82447ccd.2108C&S=) | panqi (E) | 19 Aug 2021 07:13:58 +0000 |
| [[9.3; 1062, 1137, 1134; Block A; 20Aug 1200 CEST] LS Reply on requirement for configuration changes of ongoing QMC sessions and CR 26.247-0168 on QoE configuration release-> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;b8ed478f.2108C&S=) | Gunnar Heikkilä | 19 Aug 2021 08:24:31 +0000 |
| [[9.3; 1062, 1137, 1134; Block A; 20Aug 1200 CEST] LS Reply on requirement for configuration changes of ongoing QMC sessions and CR 26.247-0168 on QoE configuration release-> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;6f639c56.2108C&S=) | Gunnar Heikkilä | 19 Aug 2021 09:29:45 +0000 |
| [[9.3; 1062, 1137, 1134; Block A; 20Aug 1200 CEST] LS Reply on requirement for configuration changes of ongoing QMC sessions and CR 26.247-0168 on QoE configuration release-> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;ff3b258a.2108C&S=) | Charles Lo | Thu, 19 Aug 2021 23:44:16 +0000 |
| [[9.3; 1062, 1137, 1134; Block A; 20Aug 1200 CEST] LS Reply on requirement for configuration changes of ongoing QMC sessions and CR 26.247-0168 on QoE configuration release-> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;3a32c9f0.2108C&S=) | panqi (E) | Fri, 20 Aug 2021 01:27:35 +0000 |
| [[9.3; 1062, 1137, 1134; Block A; 20Aug 1200 CEST] LS Reply on requirement for configuration changes of ongoing QMC sessions and CR 26.247-0168 on QoE configuration release-> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;f9536924.2108C&S=) | Charles Lo | Fri, 20 Aug 2021 04:34:08 +0000 |
| [[9.3; 1062, 1137, 1134; Block A; 20Aug 1200 CEST] LS Reply on requirement for configuration changes of ongoing QMC sessions and CR 26.247-0168 on QoE configuration release-> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;e7d5000f.2108C&S=) | panqi (E) | Fri, 20 Aug 2021 07:02:50 +0000 |
| [[9.3; 1062, 1137, 1134; Block A; 20Aug 1200 CEST] LS Reply on requirement for configuration changes of ongoing QMC sessions and CR 26.247-0168 on QoE configuration release-> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;de987b85.2108C&S=) | Gunnar Heikkilä | Fri, 20 Aug 2021 07:54:36 +0000 |
| [[9.3; 1062, 1137, 1134; Block A; 20Aug 1200 CEST] LS Reply on requirement for configuration changes of ongoing QMC sessions and CR 26.247-0168 on QoE configuration release-> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;45a0be1c.2108C&S=) | panqi (E) | Fri, 20 Aug 2021 08:10:13 +0000 |
| [[9.3; 1062, 1137, 1134; Block A; 20Aug 1200 CEST] LS Reply on requirement for configuration changes of ongoing QMC sessions and CR 26.247-0168 on QoE configuration release-> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;5fea3452.2108C&S=) | Gabin, Frederic | Fri, 20 Aug 2021 14:25:09 +0000 |
| [[9.3; 1062, 1137, 1134; Block A; 20Aug 1200 CEST] LS Reply on requirement for configuration changes of ongoing QMC sessions and CR 26.247-0168 on QoE configuration release-> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;3d5eb70d.2108C&S=) | Charles Lo | Fri, 20 Aug 2021 14:31:01 +0000 |
| [Re: [9.3; 1062, 1137->1228, 1134->1230; Block A; 20Aug 1200 CEST] LS Reply on requirement for configuration changes of ongoing QMC sessions and CR 26.247-0168 on QoE configuration release-> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;d1d4be77.2108D&S=) | panqi (E) | Mon, 23 Aug 2021 09:35:56 +0000 |
| [Re: [9.3; 1228, 1229; Block A; 20Aug 1200 CEST] LS Reply on requirement for configuration changes of ongoing QMC sessions and CR 26.247-0168 on QoE configuration release-> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;5b565009.2108D&S=) | Gunnar Heikkilä | Mon, 23 Aug 2021 10:00:59 +0000 |
| [Re: [9.3; 1228, 1229; Block A; 20Aug 1200 CEST] LS Reply on requirement for configuration changes of ongoing QMC sessions and CR 26.247-0168 on QoE configuration release-> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;d3bf51a5.2108D&S=) | panqi (E) | Mon, 23 Aug 2021 10:24:37 +0000 |
| [Re: [9.3; 1228, 1229; Block A; 20Aug 1200 CEST] LS Reply on requirement for configuration changes of ongoing QMC sessions and CR 26.247-0168 on QoE configuration release-> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;e7bed971.2108D&S=) | Gunnar Heikkilä | Mon, 23 Aug 2021 10:40:45 +0000 |
| [Re: [9.3; 1228, 1229; Block A; 20Aug 1200 CEST] LS Reply on requirement for configuration changes of ongoing QMC sessions and CR 26.247-0168 on QoE configuration release-> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;b4464998.2108D&S=) | panqi (E) | Mon, 23 Aug 2021 10:43:48 +0000 |
| [Re: [9.3; 1062, 1137->1228, 1134->1230; Block A; 20Aug 1200 CEST] LS Reply on requirement for configuration changes of ongoing QMC sessions and CR 26.247-0168 on QoE configuration release-> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;3c8126a5.2108D&S=) | panqi (E) | Wed, 25 Aug 2021 08:24:17 +0000 |

**Decision:**

* Replied to in 1134.

[**S4-211062**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211062.zip) is replied to in [S4-211134](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211134.zip).

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| [S4-211063](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211063.zip) | LS on the area handling for QoE during mobility | 3GPP RAN3 | Jayeeta Saha |

**E-mail Discussion:**

None

**Online Presenter: Thomas Stockhammer, Qualcomm**

**Online Discussion:**

* The LS was presented.
* Thomas: No need to respond.
* Gunnar: We already support option 1 and option 3 in our standard.
* Thomas: Maybe experts could look in which spec a note could be added to capture RAN’s 3 decision.

**Decision:**

* Noted.

[**S4-211063**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211063.zip) is noted.

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| [S4-211064](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211064.zip) | Reply LS to SA4 on UE Data Collection | 3GPP SA2 | Jayeeta Saha |

**E-mail Discussion:**

None

**Online Presenter: Charles Lo, Qualcomm**

**Online Discussion:**

* None.

**Decision:**

* Noted.

[**S4-211064**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211064.zip) is noted.

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| [S4-211065](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211065.zip) | Reply LS on work split for MBSF and MBSTF definition | 3GPP SA2 | Jayeeta Saha |

**E-mail Discussion:**

None

**Online Presenter: Thorsten Lohmar, Ericsson**

**Online Discussion:**

* Thorsten: I suggest to provide a response.

**Decision:**

* Respond in 1224

[**S4-211065**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211065.zip) is replied to in [S4-211224](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211224.zip).

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| [S4-211](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211065.zip)224 | [Draft] Reply LS on work split for MBSF and MBSTF definition (To: SA2) | Ericsson LM | Thorsten Lohmar |

**E-mail Discussion:**

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| [Draft 1224 (Response LS to SA2 on MBSF / MBSTF)](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;bb0b003b.2108D&S=) | Thorsten Lohmar | Mon, 23 Aug 2021 09:45:06 +0000 |
| [Re: Draft 1224 (Response LS to SA2 on MBSF / MBSTF)](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;a1e1a612.2108D&S=) | Richard Bradbury | Mon, 23 Aug 2021 10:52:03 +0100 |
| [Re: Draft 1224 (Response LS to SA2 on MBSF / MBSTF)](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;d71da079.2108D&S=) | Thorsten Lohmar | Mon, 23 Aug 2021 12:40:21 +0000 |
| [Re: Draft 1224 (Response LS to SA2 on MBSF / MBSTF)](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;89e89e7c.2108D&S=) | Thomas Stockhammer | Tue, 24 Aug 2021 10:06:00 +0000 |
| [Re: Draft 1224 (Response LS to SA2 on MBSF / MBSTF)](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;827846a4.2108D&S=) | Gabin, Frederic | Tue, 24 Aug 2021 10:47:55 +0000 |

**Online Presenter: Thorsten Lohmar, Ericsson**

**Online Discussion:**

* r01 was presented
* Qi: Do we need to add something in the 2nd paragraph like about the user service definition
* Peng: We can provide the link.
* Thorsten: It is fine to add the link but we should also repeat in the text.

**Decision:**

* 1224 is revised and will be reviewed at SA4 plenary A.
* 1224 revised to 1292. 1292 approved in SA4 plenary A.

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| [S4-211090](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211090.zip) | Discussion on QoE report handling at QoE pause | Huawei Technologies Co.,Ltd. | Qi Pan |

**E-mail Discussion:**

none

**Decision:**

* Managed in the response LS 1226.

[**S4-211090**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211090.zip) is noted.

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| [S4-211132](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211132.zip) | [Draft] Reply LS on QoE configuration and reporting related issues | Huawei Technologies Co.,Ltd. | Qi Pan |

**E-mail Discussion:**

See [S4-211059](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211059.zip).

**Online Presenter: Qi Pan, Huawei**

**Online Discussion:**

* r01 was presented.
* Charles: We say we understand but we ask for a mechanism.
* Gunnar: In some cases, the report can exceed the limit. There is no need for a limit.

**Decision:**

* Revised to 1227. 1227 (based on r01) is agreed without presentation and goes to the plenary.

[**S4-211132**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211132.zip) is revised to [S4-211227](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211227.zip).

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| [S4-211](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211132.zip)227 | [Draft] Reply LS on QoE configuration and reporting related issues | Huawei Technologies Co.,Ltd. | Qi Pan |

**E-mail Discussion:**

None

**Decision:**

* Agreed without presentation and goes to the plenary.

[**S4-211227**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211227.zip) is agreed.

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| [S4-211133](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211133.zip) | [Draft] LS Reply on QoE report handling at QoE pause | Huawei Technologies Co.,Ltd. | Qi Pan |

**E-mail Discussion:**

See [S4-211058](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211058.zip).

**Online Presenter: Qi Pan, Huawei**

**Online Discussion:**

* r01 was presented.
* Gunnar: In principle it is fine. Shall we also ask to SA5?
* Charles: A separate LS seems preferable with SA5.
* Frédéric: Original LS was also addressed to SA5. We should keep them in cc. Other point, action should be to Ran 2 and not RAN3.
* Hyung-Nam (Lenovo) asks what is the impact at SA4 level as function of duration of RAN overload
* Qi, Gunnar, Hyun-Nam and Charles to produce revision
* r05 was presented
* Gunnar: Last sentence (SA4 wishes…) has to be deleted.

**Decision:**

* Revised to 1226. 1226 will be agreed without presentation and goes to plenary A.

[**S4-211133**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211133.zip) is revised to [S4-211226](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211226.zip).

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| [S4-211](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211133.zip)226 | [Draft] LS Reply on QoE report handling at QoE pause | Huawei Technologies Co.,Ltd. | Qi Pan |

**E-mail Discussion:**

See [S4-211058](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211058.zip).

**Decision:**

* Agreed without presentation and goes to plenary A.

[**S4-211226**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211226.zip) is agreed.

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| [S4-211134](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211134.zip) | [Draft] LS Reply on requirement for configuration changes of ongoing QMC sessions | Huawei Technologies Co.,Ltd. | Qi Pan |

**E-mail Discussion:**

None

**Online Presenter: Qi Pan, Huawei**

**Online Discussion:**

* Frédéric: Should we attach the CR.
* Qi: Yes, it would be better.
* Hyung-Nam: The LS number from RAN3 is wrong and the last answer number needs to be fixed.

**Decision:**

* Revised to 1230. 1228 and 1229 will be attached.

[**S4-211134**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211134.zip) is revised to [S4-211230](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211230.zip).

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| [S4-211](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211134.zip)230 | [Draft] LS Reply on requirement for configuration changes of ongoing QMC sessions | Huawei Technologies Co.,Ltd. | Qi Pan |

**E-mail Discussion:**

None

**Online Presenter: Qi Pan, Huawei**

**Online Discussion:**

* Qi: The only difference with r1 is the attachment.
* Frédéric: CR attéached have to be revised.
* No comments.

**Decision:**

* The LS is agreed but we need a revision to update the attachment. Revised to 1248. 1248 is agreed without presentation.

[**S4-211230**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211230.zip) is revised to [S4-211248](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211248.zip).

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| [S4-211](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211134.zip)248 | [Draft] LS Reply on requirement for configuration changes of ongoing QMC sessions | Huawei Technologies Co.,Ltd. | Qi Pan |

**Decision:**

* Agreed without presentation.

[**S4-211248**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211248.zip) is agreed.

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| [S4-211](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211065.zip)234 | [Draft] LS on TS 28.404/TS 28.405 Clarification (To SA5) | Qualcomm Incorporated | Charles Lo |

**E-mail Discussion:**

none

**Online Presenter: Charles Lo, Qualcomm**

**Online Discussion:**

* \_Qualcomm version was presented
* No discussions.

**Decision:**

* Changes to be accepted. 1234 will be agreed without presentation and goes to plenary A.

[**S4-211234**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211234.zip) is agreed.

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| [S4-211](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211065.zip)236 | CR 26.114-XXXX on QoE configuration release (Rel-16) | Huawei Technologies Co.,Ltd., Ericsson LM | Qi Pan |

**E-mail Discussion:**

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| [[15; 1236, 1237; Block B Plenary] LS Reply on requirement for configuration changes of ongoing QMC sessions](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;e417b0dc.2108D&S=) | Gunnar Heikkilä | Tue, 24 Aug 2021 10:57:00 +0000 |

**Decision:**

* 1236 will be reviewed during the plenary.

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| [S4-211](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211065.zip)237 | CR 26.114-XXXX on QoE configuration release (Rel-17) | Huawei Technologies Co.,Ltd., Ericsson LM | Qi Pan |

**E-mail Discussion:**

See [S4-211236](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211236.zip).

**Decision:**

* 1237 will be reviewed during the plenary.

## 9.4 Issues for immediate consideration

## 9.5 CRs to features in Release 16 and earlier

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| [S4-211106](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211106.zip) | Corrections to TS 26.512 | Qualcomm Incorporated | Charles Lo |

**E-mail Discussion:**

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| [[9.5; 1106; Block A; 19Aug 1200 CEST] CR 26.512-0013 Corrections -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;65685285.2108C&S=) | Gabin, Frederic | 18 Aug 2021 09:35:50 +0000 |
| [[9.5; 1106; Block A; 19Aug 1200 CEST] CR 26.512-0013 Corrections -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;30b9ec99.2108C&S=) | Richard Bradbury | 18 Aug 2021 11:12:59 +0100 |
| [[9.5; 1106; Block A; 19Aug 1200 CEST] CR 26.512-0013 Corrections -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;44114b4.2108C&S=) | Thorsten Lohmar | 18 Aug 2021 13:10:42 +0000 |
| [[9.5; 1106; Block A; 19Aug 1200 CEST] CR 26.512-0013 Corrections -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;8ead851c.2108C&S=) | Imed Bouazizi | 18 Aug 2021 14:49:19 +0000 |
| [[9.5; 1106; Block A; 19Aug 1200 CEST] CR 26.512-0013 Corrections -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;30df082.2108C&S=) | Imed Bouazizi | 18 Aug 2021 15:45:54 +0000 |
| [[9.5; 1106; Block A; 19Aug 1200 CEST] CR 26.512-0013 Corrections -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;5a63c57b.2108C&S=) | Richard Bradbury | 18 Aug 2021 16:20:09 +0100 |
| [[9.5; 1106; Block A; 19Aug 1200 CEST] CR 26.512-0013 Corrections -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;6fff3d4e.2108C&S=) | Richard Bradbury | 18 Aug 2021 16:23:55 +0100 |
| [[9.5; 1106; Block A; 19Aug 1200 CEST] CR 26.512-0013 Corrections -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;cffd666f.2108C&S=) | Thorsten Lohmar | 18 Aug 2021 17:06:45 +0000 |
| [[9.5; 1106; Block A; 19Aug 1200 CEST] CR 26.512-0013 Corrections -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;d00380f8.2108C&S=) | Imed Bouazizi | 18 Aug 2021 17:14:27 +0000 |
| [[9.5; 1106; Block A; 19Aug 1200 CEST] CR 26.512-0013 Corrections -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;34b88180.2108C&S=) | Imed Bouazizi | 18 Aug 2021 17:16:10 +0000 |
| [[9.5; 1106; Block A; 19Aug 1200 CEST] CR 26.512-0013 Corrections -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;73ceb6e8.2108C&S=) | Richard Bradbury | 18 Aug 2021 17:25:31 +0100 |
| [[9.5; 1106; Block A; 19Aug 1200 CEST] CR 26.512-0013 Corrections -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;d1e1fb4d.2108C&S=) | Richard Bradbury | 18 Aug 2021 18:23:39 +0100 |
| [[9.5; 1106; Block A; 19Aug 1200 CEST] CR 26.512-0013 Corrections -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;aa89b8dc.2108C&S=) | Charles Lo | 18 Aug 2021 22:27:22 +0000 |
| [[9.5; 1106; Block A; 19Aug 1200 CEST] CR 26.512-0013 Corrections -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;b0748d03.2108C&S=) | Thorsten Lohmar | 19 Aug 2021 05:19:00 +0000 |
| [[9.5; 1106; Block A; 19Aug 1200 CEST] CR 26.512-0013 Corrections -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;67402bc2.2108C&S=) | Gabin, Frederic | 19 Aug 2021 10:38:18 +0000 |
| [[9.5; 1106; Block A; 19Aug 1200 CEST] CR 26.512-0013 Corrections -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;75ab7a48.2108C&S=) | Charles Lo | Thu, 19 Aug 2021 14:47:14 +0000 |
| [[9.5; 1106; Block A; 19Aug 1200 CEST] CR 26.512-0013 Corrections -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;60de5054.2108C&S=) | Richard Bradbury | Thu, 19 Aug 2021 15:31:57 +0100 |
| [[9.5; 1106; Block A; 19Aug 1200 CEST] CR 26.512-0013 Corrections -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;6cabfd24.2108C&S=) | Charles Lo | Thu, 19 Aug 2021 18:02:27 +0000 |
| [e: [9.5; 1106->1223; Block A; 19Aug 1200 CEST] CR 26.512-0013 Corrections -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;2e284904.2108D&S=) | Richard Bradbury | Mon, 23 Aug 2021 14:45:02 +0100 |
| [Re: [9.5; 1106->1223; Block A; 19Aug 1200 CEST] CR 26.512-0013 Corrections -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;445fc2d1.2108D&S=) | Charles Lo | Mon, 23 Aug 2021 14:30:56 +0000 |

**Decision:**

* Deadline has passed and there is no agreement on all proposed corrections. I’ll let the author propose a draft revision for the telco that includes agreeable corrections. Otherwise we will note.

[**S4-211106**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211106.zip) is revised to [S4-211223](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211223.zip).

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| [S4-211](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211106.zip)223 | CR 26.512-0013 rev1 Corrections to TS 26.512 | Qualcomm Incorporated | Charles Lo |

**E-mail Discussion:**

See [S4-211106](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211106.zip).

**Online Presenter: Charles Lo, Qualcomm**

**Online Discussion:**

* Richard: There was a more radical change that you had backed out. What’s your plan? Is this apply for Rel-17 whereas new work is not recommended?
* Charles: We need internal discussions. This pertains to originally proposed changes to remove some properties of the ProvisioningSessions resource
* Imed: We might check with CT3 on RESTful API design on request for a collection resource. Tthere could be a sort of good practice on REST API.

**Decision:**

* Agreed. Will go to the plenary B.

[**S4-211223**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211223.zip) is agreed.

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| [S4-211137](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211137.zip) | QoE configuration release | Huawei Telecommunication India | Qi Pan |

**E-mail Discussion:**

See [S4-211062](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211062.zip).

**Online Presenter: Qi Pan, Huawei**

**Online Discussion:**

* Charles: There is one typo in clauses affected, it should be R.1 instead of L.1.
* Frédéric: We don’t record the sessions. Wording to be discussed offline.
* Gunnar : This should also be applied to 26.114.

**Decision:**

* Revised to 1228 and new 1229, CR on 26.114.

[**S4-211137**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211137.zip) is revised to [S4-211228](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211228.zip).

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| [S4-211](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211137.zip)228 | CR 26.247-0168 QoE configuration release (Rel-16) | Huawei Telecommunication India | Qi Pan |

**E-mail Discussion:**

See [S4-211062](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211062.zip).

**Online Presenter: Qi Pan, Huawei**

**Online Discussion:**

* The changes in r01 were presented
* Charles: What is QOED
* Gunnar: This is the SA5 WI.
* Charles: AT command + CAPPLEVMC is something about start and stop, not release.
* Gunnar: The release is not the good wording, it corresponds to stop.
* Frédéric: The header needs to be updated.

**Decision:**

* Revised to 1235

[**S4-211228**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211228.zip) is revised to [S4-211235](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211235.zip).

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| [S4-211](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211137.zip)235 | CR 26.247-0168 QoE configuration release (Rel-16) | Huawei Telecommunication India | Qi Pan |

**E-mail Discussion:**

none

**Online Presenter: Qi Pan, Huawei**

**Online Discussion:**

* Frédéric: You are missing the revision number. Should be Rev 1.

**Decision:**

* Text is agreed. But revision has to be indicated. Revised to 1247. 1247 agreed without presentation.

[**S4-211235**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211235.zip) is revised to [S4-211247](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211247.zip).

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| [S4-211](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211137.zip)247 | CR 26.247-0168 QoE configuration release (Rel-16) | Huawei Telecommunication India | Qi Pan |

**Decision:**

* Agreed without presentation.

[**S4-211247**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211247.zip) is agreed.

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| [S4-211](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211137.zip)229 | DRAFT CR 26.114-xxxx QoE configuration release (Rel-16) | Huawei Telecommunication India | Qi Pan |

**E-mail Discussion:**

See [S4-211228](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211228.zip).

**Decision:**

* Revised to 1236&1237.

[S4-211229](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211229.zip) is revised to [S4-211236](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211236.zip).

## 9.6 EVEX (5GMS AF Event Exposure)

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| [S4-211036](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211036.zip) | [EVEX] Reference architecture for data collection and reporting | BBC, Qualcomm Incorporated | Richard Bradbury |

**E-mail Discussion:**

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| --- | --- | --- |
| [[9.6; 1036; Block A; 19Aug 1200 CEST] pCR 26.531 on reference architecture for data collection and reporting-> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;72a9f63c.2108C&S=) | Gabin, Frederic | 18 Aug 2021 09:58:07 +0000 |
| [[9.6; 1036; Block A; 19Aug 1200 CEST] pCR 26.531 on reference architecture for data collection and reporting-> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;49a0093e.2108C&S=) | Thorsten Lohmar | 18 Aug 2021 10:34:38 +0000 |
| [[9.6; 1036; Block A; 19Aug 1200 CEST] pCR 26.531 on reference architecture for data collection and reporting-> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;d22974f.2108C&S=) | Gabin, Frederic | 18 Aug 2021 10:36:36 +0000 |
| [[9.6; 1036; Block A; 19Aug 1200 CEST] pCR 26.531 on reference architecture for data collection and reporting-> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;be538ce1.2108C&S=) | Richard Bradbury | 18 Aug 2021 11:54:48 +0100 |
| [[9.6; 1036; Block A; 19Aug 1200 CEST] pCR 26.531 on reference architecture for data collection and reporting-> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;c52b597d.2108C&S=) | Richard Bradbury | 18 Aug 2021 12:44:18 +0100 |
| [[9.6; 1036; Block A; 19Aug 1200 CEST] pCR 26.531 on reference architecture for data collection and reporting-> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;387dd57d.2108C&S=) | Gunnar Heikkilä | 18 Aug 2021 13:19:29 +0000 |
| [[9.6; 1036; Block A; 19Aug 1200 CEST] pCR 26.531 on reference architecture for data collection and reporting-> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;b47b7098.2108C&S=) | Charles Lo | 19 Aug 2021 03:04:17 +0000 |
| [[9.6; 1036; Block A; 19Aug 1200 CEST] pCR 26.531 on reference architecture for data collection and reporting-> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;381db87e.2108C&S=) | Gabin, Frederic | 19 Aug 2021 10:41:04 +0000 |
| [[9.6; 1036; Block A; 19Aug 1200 CEST] pCR 26.531 on reference architecture for data collection and reporting-> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;2d1f7953.2108C&S=) | Richard Bradbury | Thu, 19 Aug 2021 13:13:22 +0100 |
| [[9.6; 1036; Block A; 19Aug 1200 CEST] pCR 26.531 on reference architecture for data collection and reporting-> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;86a37291.2108C&S=) | Richard Bradbury | Thu, 19 Aug 2021 13:19:26 +0100 |
| [[9.6; 1036; Block A; 19Aug 1200 CEST] pCR 26.531 on reference architecture for data collection and reporting-> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;ce15e8d6.2108C&S=) | Richard Bradbury | Thu, 19 Aug 2021 13:21:44 +0100 |
| [[9.6; 1036->1218; Block A; 19Aug 1200 CEST] pCR 26.531 on reference architecture for data collection and reporting-> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;eef316c7.2108C&S=) | Richard Bradbury | Thu, 19 Aug 2021 15:06:55 +0100 |

**Decision:**

* Several proposed edits were made.
* The author is invited to produce a draft revision before the call.

**Online Presenter: Richard Bradbury, BBC**

**Online Discussion:**

* The changes in r01 were presented
* Frédéric: (4.3) Note 4: “ What does R7 not visible mean?”
* Richard: “It will be changed to R7 not used”
* Frédéric: I don’t think SEAL and CAPIF provide alternative architectures. But more that the reference architecture can be realised in SEAL and CAPIF. I don’t think the 2nd sentence is needed. It is just an editor’s note so not a big deal.

**Decision:**

* Revised according to r01.

[**S4-211036**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211036.zip) is revised to [S4-211218](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211218.zip).

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| [S4-211](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211036.zip)218 | [EVEX] Reference architecture for data collection and reporting | BBC, Qualcomm Incorporated | Richard Bradbury |

**E-mail Discussion:**

See [S4-211036](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211036.zip).

**Online Presenter: Richard Brabury, BBC**

**Online Discussion:**

* None

**Decision:**

* Agreed

[**S4-211218**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211218.zip) is agreed.

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| [S4-211037](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211037.zip) | [EVEX] Collaboration scenarios for data collection and reporting | BBC | Richard Bradbury |

**E-mail Discussion:**

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| [[9.6; 1037; Block A; 19Aug 1200 CEST] pCR 26.531 on collaboration scenarios for data collection and reporting-> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;11ea4547.2108C&S=) | Gabin, Frederic | 18 Aug 2021 09:58:11 +0000 |
| [[9.6; 1037; Block A; 19Aug 1200 CEST] pCR 26.531 on collaboration scenarios for data collection and reporting-> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;8f67f35d.2108C&S=) | Gabin, Frederic | 19 Aug 2021 11:31:20 +0000 |

**Decision:**

* 1037 is agreed.

[**S4-211037**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211037.zip) is agreed.

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| [S4-211](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211037.zip)233 | Draft TS 26.531 | BBC | Richard Bradbury |

**Decision:**

* Agreed at Plenary A.

[**S4-211233**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211233.zip) is agreed.

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| [S4-211038](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211038.zip) | [EVEX] LS on UE data collection and reporting | BBC | Richard Bradbury |

**E-mail Discussion:**

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| [[9.6; 1038; Block A; 19Aug 1200 CEST] Draft proposed LS on UE data collection and reporting (to SA2) -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;a378e41a.2108C&S=) | Gabin, Frederic | 18 Aug 2021 09:59:06 +0000 |
| [[9.6; 1038; Block A; 19Aug 1200 CEST] Draft proposed LS on UE data collection and reporting (to SA2) -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;52df769a.2108C&S=) | Charles Lo | 19 Aug 2021 00:45:52 +0000 |
| [[9.6; 1038; Block A; 19Aug 1200 CEST] Draft proposed LS on UE data collection and reporting (to SA2) -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;d8cc842e.2108C&S=) | Gabin, Frederic | 19 Aug 2021 10:42:52 +0000 |
| [[9.6; 1038; Block A; 19Aug 1200 CEST] Draft proposed LS on UE data collection and reporting (to SA2) -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;26266c09.2108C&S=) | Richard Bradbury | 19 Aug 2021 12:44:55 +0100 |

**Decision:**

* Proposed edits were made by Qualcomm.
* The author is invited to produce a draft revision before the call.

**Revisions**

* https://www.3gpp.org/ftp/tsg\_sa/WG4\_CODEC/TSGS4\_115-e/Inbox/Drafts/MBS/[S4-211038](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211038.zip)r01.docx

**Online Presenter: Richard Bradbury, BBC**

**Online Discussion:**

* r01 version was presented
* Charles: Who owns the event exposure API? Is there something on stage 3 definition of Ndcaf service?
* Richard; This was in the action 3 which you asked to be removed.
* Charles: I need to check to make sure everything is covered in this new version.
* Frédéric: We should remove the cc to CT3 now.

**Decision:**

* Revised according to online discussion.

[**S4-211038**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211038.zip) is revised to [S4-211221](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211221.zip).

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| [S4-211](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211038.zip)221 | [EVEX] LS on UE data collection and reporting | BBC | Richard Bradbury |

**E-mail Discussion:**

See [S4-211038](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211038.zip).

**Decision:**

* Will be reviewed at the SA4 plenary A.
* 1221 approved at plenary A.

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| [S4-211101](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211101.zip) | Proposed Work Plan for EVEX | Qualcomm Incorporated | Charles Lo |

**E-mail Discussion:**

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| [[9.6; 1101; Block A; 19Aug 1200 CEST] Proposed Work Plan for EVEX 0.3 -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;3ec16822.2108C&S=) | Gabin, Frederic | 18 Aug 2021 09:59:12 +0000 |
| [[9.6; 1101; Block A; 19Aug 1200 CEST] Proposed Work Plan for EVEX 0.3 -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;43026dd0.2108C&S=) | Richard Bradbury | 18 Aug 2021 15:44:52 +0100 |
| [[9.6; 1101; Block A; 19Aug 1200 CEST] Proposed Work Plan for EVEX 0.3 -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;663d858e.2108C&S=) | Gabin, Frederic | 19 Aug 2021 11:34:56 +0000 |

**Decision:**

**Online Presenter: Frédéric Gabin, Dolby**

**Online Discussion:**

* Frédéric: It is good to list the dates as bullet list in one cell. We don’t handle LS during SWG calls. Why do you grant power at post SA4#116-e?
* Charles: OK to remove these bullets on LS and grant power.
* Richard: (about 1038) Should I wait for the TDOC number before uploading a revision? SA2 is meeting in parallel.
* Frédéric: I expect the specification to also be complete at the Block A washup. We can’t wait, and send both documents to SA2. SA2 may not be able to answer all our questions during an ongoing meeting, but if we ask our questions as soon as possible, and give them a chance to provide answers as soon as possible.

**Decision:**

* Revised according to online discussion.

**S4-21101** is revised to [S4-211222](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211222.zip).

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| [S4-211](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211101.zip)222 | Proposed Work Plan for EVEX | Qualcomm Incorporated | Charles Lo |

**E-mail Discussion:**

See [S4-211222](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211222.zip).

**Decision:**

* Will be reviewed at the SA4 plenary A.
* 1222 agreed at plenary A.

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| [S4-211102](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211102.zip) | Proposed TS 26.532 Skeleton v0.0.1 | Qualcomm Incorporated | Charles Lo |

**E-mail Discussion:**

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| [[9.6; 1102; Block A; 19Aug 1200 CEST] Draft TS 26.532 v0.0.1 -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;ef884e9b.2108C&S=) | Gabin, Frederic | 18 Aug 2021 09:58:20 +0000 |
| [[9.6; 1102; Block A; 19Aug 1200 CEST] Draft TS 26.532 v0.0.1 -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;ff0fb0ae.2108C&S=) | Richard Bradbury | 18 Aug 2021 11:45:08 +0100 |
| [[9.6; 1102; Block A; 19Aug 1200 CEST] Draft TS 26.532 v0.0.1 -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;a38da338.2108C&S=) | Charles Lo | 18 Aug 2021 19:39:13 +0000 |
| [[9.6; 1102; Block A; 19Aug 1200 CEST] Draft TS 26.532 v0.0.1 -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;29b1434a.2108C&S=) | Charles Lo | 19 Aug 2021 02:50:00 +0000 |
| [[9.6; 1102; Block A; 19Aug 1200 CEST] Draft TS 26.532 v0.0.1 -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;8bdbe8c2.2108C&S=) | Gabin, Frederic | 19 Aug 2021 11:29:35 +0000 |
| [[9.6; 1102; Block A; 19Aug 1200 CEST] Draft TS 26.532 v0.0.1 -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;469f7b8c.2108C&S=) | Richard Bradbury | 19 Aug 2021 12:13:59 +0100 |

**Decision:**

* Let’s review this latest revision at the telco.

**Revisions**

* [S4-211102](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211102.zip)

**Online Presenter: Charles Lo, Qualcomm**

**Online Discussion:**

* The BBC\_QC\_BBC version was presented.
* Richard: There is an inconsistency. It should be Ndcaf\_DataReportingProvisionning in clause 6 and Ndaf\_DataReporting in clause 7.

**Decision:**

* Revised to 1220 to be reviewed in the wash-up.

[**S4-211102**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211102.zip) is revised to [S4-211220](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211220.zip).

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| [S4-21](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211102.zip)1220 | Proposed TS 26.532 v0.1.0 | Qualcomm Incorporated | Charles Lo |

**E-mail Discussion:**

See [S4-211102](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211102.zip).

**Online Presenter: Charles Lo, Qualcomm**

**Online Discussion:**

* None

**Decision:**

* Agreed and goes to plenary A

[**S4-211220**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211220.zip) is agreed.

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| [S4-211103](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211103.zip) | Applicability of SEAL in the Data Collection and Reporting Architecture | Qualcomm Incorporated | Charles Lo |

**E-mail Discussion:**

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| [[9.6; 1103; Block A; 19Aug 1200 CEST] DP on Applicability of SEAL in the Data Collection and Reporting Architecture -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;3606b64.2108C&S=) | Gabin, Frederic | 18 Aug 2021 09:58:13 +0000 |
| [[9.6; 1103; Block A; 19Aug 1200 CEST] DP on Applicability of SEAL in the Data Collection and Reporting Architecture -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;beff1e66.2108C&S=) | Richard Bradbury | 18 Aug 2021 11:28:44 +0100 |
| [[9.6; 1103; Block A; 19Aug 1200 CEST] DP on Applicability of SEAL in the Data Collection and Reporting Architecture -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;60b64837.2108C&S=) | panqi (E) | 18 Aug 2021 14:42:58 +0000 |
| [[9.6; 1103; Block A; 19Aug 1200 CEST] DP on Applicability of SEAL in the Data Collection and Reporting Architecture -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;bbb39a55.2108C&S=) | Thorsten Lohmar | 18 Aug 2021 16:55:43 +0000 |
| [[9.6; 1103; Block A; 19Aug 1200 CEST] DP on Applicability of SEAL in the Data Collection and Reporting Architecture -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;c63799c6.2108C&S=) | Charles Lo | 18 Aug 2021 17:42:45 +0000 |
| [[9.6; 1103; Block A; 19Aug 1200 CEST] DP on Applicability of SEAL in the Data Collection and Reporting Architecture -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;f61e7002.2108C&S=) | Charles Lo | 18 Aug 2021 23:32:35 +0000 |
| [[9.6; 1103; Block A; 19Aug 1200 CEST] DP on Applicability of SEAL in the Data Collection and Reporting Architecture -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;217c3690.2108C&S=) | Charles Lo | 19 Aug 2021 00:04:36 +0000 |
| [[9.6; 1103; Block A; 19Aug 1200 CEST] DP on Applicability of SEAL in the Data Collection and Reporting Architecture -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;489a73d7.2108C&S=) | Gabin, Frederic | 19 Aug 2021 10:52:24 +0000 |
| [[9.6; 1103; Block A; 19Aug 1200 CEST] DP on Applicability of SEAL in the Data Collection and Reporting Architecture -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;72c62e58.2108C&S=) | Richard Bradbury | Thu, 19 Aug 2021 15:56:56 +0100 |

**Decision:**

* I see no consensus on this.
* Anyhow EVEX is a Work Item and not a Study item. I guess “Pursue further study in SA4 on the development of generic UE data collection and reporting architecture that incorporates SEAL, along with the necessary procedures, formats and protocols” understood as: “SEAL can be considered further” is fine.
* 1103 is noted.

[**S4-211103**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211103.zip) is noted.

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| [S4-211135](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211135.zip) | Discussion on Data Collection AF design based on CAPIF | Huawei Technologies Co.,Ltd. | Qi Pan |

**E-mail Discussion:**

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| [[9.6; 1135; Block A; 19Aug 1200 CEST] Discussion on Data Collection AF design based on CAPIF -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;dcfa03fa.2108C&S=) | Gabin, Frederic | 18 Aug 2021 09:58:17 +0000 |
| [[9.6; 1135; Block A; 19Aug 1200 CEST] Discussion on Data Collection AF design based on CAPIF -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;4bae311c.2108C&S=) | Richard Bradbury | 18 Aug 2021 11:33:27 +0100 |
| [[9.6; 1135; Block A; 19Aug 1200 CEST] Discussion on Data Collection AF design based on CAPIF -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;fab6fc3c.2108C&S=) | Thorsten Lohmar | 18 Aug 2021 13:13:32 +0000 |
| [[9.6; 1135; Block A; 19Aug 1200 CEST] Discussion on Data Collection AF design based on CAPIF -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;87d10bfe.2108C&S=) | Richard Bradbury | 18 Aug 2021 14:27:21 +0100 |
| [[9.6; 1135; Block A; 19Aug 1200 CEST] Discussion on Data Collection AF design based on CAPIF -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;972a6795.2108C&S=) | panqi (E) | 18 Aug 2021 14:49:05 +0000 |
| [[9.6; 1135; Block A; 19Aug 1200 CEST] Discussion on Data Collection AF design based on CAPIF -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;9f74e9a.2108C&S=) | panqi (E) | 18 Aug 2021 15:08:26 +0000 |
| [[9.6; 1135; Block A; 19Aug 1200 CEST] Discussion on Data Collection AF design based on CAPIF -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;c8bf5d6c.2108C&S=) | Richard Bradbury | 18 Aug 2021 16:44:32 +0100 |
| [[9.6; 1135; Block A; 19Aug 1200 CEST] Discussion on Data Collection AF design based on CAPIF -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;18cd2dfa.2108C&S=) | Charles Lo | 18 Aug 2021 23:06:38 +0000 |
| [[9.6; 1135; Block A; 19Aug 1200 CEST] Discussion on Data Collection AF design based on CAPIF -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;c69bbdc3.2108C&S=) | Thorsten Lohmar | 19 Aug 2021 04:58:01 +0000 |
| [[9.6; 1135; Block A; 19Aug 1200 CEST] Discussion on Data Collection AF design based on CAPIF -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;2f7a75f6.2108C&S=) | panqi (E) | 19 Aug 2021 05:09:39 +0000 |
| [[9.6; 1135; Block A; 19Aug 1200 CEST] Discussion on Data Collection AF design based on CAPIF -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;759e03fb.2108C&S=) | panqi (E) | 19 Aug 2021 06:25:22 +0000 |
| [[9.6; 1135; Block A; 19Aug 1200 CEST] Discussion on Data Collection AF design based on CAPIF -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;d665a194.2108C&S=) | panqi (E) | 19 Aug 2021 06:33:04 +0000 |
| [[9.6; 1135; Block A; 19Aug 1200 CEST] Discussion on Data Collection AF design based on CAPIF -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;1ed2ef35.2108C&S=) | Thorsten Lohmar | 19 Aug 2021 08:20:41 +0000 |
| [[9.6; 1135; Block A; 19Aug 1200 CEST] Discussion on Data Collection AF design based on CAPIF -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;2a3f3451.2108C&S=) | panqi (E) | 19 Aug 2021 09:27:07 +0000 |
| [[9.6; 1135; Block A; 19Aug 1200 CEST] Discussion on Data Collection AF design based on CAPIF -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;3b6d19c3.2108C&S=) | Gabin, Frederic | 19 Aug 2021 11:04:07 +0000 |
| [[9.6; 1135; Block A; 19Aug 1200 CEST] Discussion on Data Collection AF design based on CAPIF -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;ee0737e8.2108C&S=) | Richard Bradbury | Thu, 19 Aug 2021 16:21:22 +0100 |
| [[9.6; 1135->1219; Block A; 19Aug 1200 CEST] Discussion on Data Collection AF design based on CAPIF -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;4a56ff50.2108C&S=) | panqi (E) | Fri, 20 Aug 2021 09:20:53 +0000 |
| [[9.6; 1135->1219; Block A; 19Aug 1200 CEST] Discussion on Data Collection AF design based on CAPIF -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;f4dc6d3e.2108C&S=) | panqi (E) | Fri, 20 Aug 2021 10:10:16 +0000 |
| [[9.6; 1135->1219; Block A; 19Aug 1200 CEST] Discussion on Data Collection AF design based on CAPIF -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;940af051.2108C&S=) | Richard Bradbury | Fri, 20 Aug 2021 10:58:20 +0100 |
| [[9.6; 1135->1219; Block A; 19Aug 1200 CEST] Discussion on Data Collection AF design based on CAPIF -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;166a730d.2108C&S=) | Richard Bradbury | Fri, 20 Aug 2021 12:00:03 +0100 |
| [[9.6; 1135->1219; Block A; 19Aug 1200 CEST] Discussion on Data Collection AF design based on CAPIF -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;3630edef.2108C&S=) | panqi (E) | Fri, 20 Aug 2021 12:04:01 +0000 |
| [[9.6; 1135->1219; Block A; 19Aug 1200 CEST] Discussion on Data Collection AF design based on CAPIF -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;a135dcc2.2108C&S=) | Thorsten Lohmar | Fri, 20 Aug 2021 12:15:37 +0000 |
| [[9.6; 1135->1219; Block A; 19Aug 1200 CEST] Discussion on Data Collection AF design based on CAPIF -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;59e7cab3.2108C&S=) | panqi (E) | Fri, 20 Aug 2021 12:21:28 +0000 |
| [[9.6; 1135->1219; Block A; 19Aug 1200 CEST] Discussion on Data Collection AF design based on CAPIF -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;f6c965b.2108C&S=) | Richard Bradbury | Fri, 20 Aug 2021 13:12:14 +0100 |
| [Re: [9.6; 1135->1219; Block A; 19Aug 1200 CEST] Discussion on Data Collection AF design based on CAPIF -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;862998b7.2108D&S=) | panqi (E) | Mon, 23 Aug 2021 02:46:46 +0000 |
| [Re: [9.6; 1135->1219; Block A; 19Aug 1200 CEST] Discussion on Data Collection AF design based on CAPIF -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;e5a0f3f9.2108D&S=) | Thorsten Lohmar | Mon, 23 Aug 2021 07:22:23 +0000 |
| [Re: [9.6; 1135->1219; Block A; 19Aug 1200 CEST] Discussion on Data Collection AF design based on CAPIF -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;f2b251c5.2108D&S=) | panqi (E) | Mon, 23 Aug 2021 08:06:24 +0000 |
| [Re: [9.6; 1135->1219; Block A; 19Aug 1200 CEST] Discussion on Data Collection AF design based on CAPIF -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;c0800050.2108D&S=) | Richard Bradbury | Mon, 23 Aug 2021 13:23:24 +0100 |
| [Re: [9.6; 1135->1219->1232; Block A; 19Aug 1200 CEST] Discussion on Data Collection AF design based on CAPIF -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;6056477b.2108D&S=) | panqi (E) | Mon, 23 Aug 2021 12:47:29 +0000 |

**Revisions**

* https://www.3gpp.org/ftp/tsg\_sa/WG4\_CODEC/TSGS4\_115-e/Inbox/Drafts/MBS/[S4-211135](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211135.zip)r02.docx

**Decision:**

* It seems possible to converge on an agreement to enable usage of CAPIF by API-invokers together with the EVEX architecture.
* Let’s review r02 and the way forward at the telco.

**Online Presenter: Qi Pan, Huawei**

**Online Discussion:**

* The changes in r02 were presented
* Thorsten: suggests not to include discussion on bypassing NEF in the Annex
* Frédéric: suggests to focus on the sentences in clause 4 Formal changes
* Richard: if this is stage 2 discussion, informal Annex may better belong in the TS 26.532 skeleton
* Frederic: the text in the formal clause should avoid use of normative language
* Thorsten: proposes some additional change in wording on the included text in Sec. 4 - e.g. conditional on support for CAPIF; reference to another spec, etc.
* Frédéric: pCR to be done according to this contribution. For the moment we don’t add the Annex. We need to mature a bit more the reference architecture. The reference to 23.222 will have to be added.

**Decision:**

* Agreed to produce a pCR to provide the CAPIF support. This pCR will be 1219.

[**S4-211135**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211135.zip) is noted.

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| [S4-211](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211076.zip)219 | Support of CAPIF for Data Collection AF | Huawei Technologies Co.,Ltd. | Qi Pan |

**E-mail Discussion:**

See [S4-211135](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211135.zip).

**Online Presenter: Qi Pan, Huawei**

**Online Discussion:**

* r03 was presented

**Decision:**

* r03 is agreed and put in 1232. 1232 is agreed without presentation.

[**S4-211219**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211219.zip) is revised to [S4-211232](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211232.zip).

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| [S4-211](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211076.zip)232 | Support of CAPIF for Data Collection AF | Huawei Technologies Co.,Ltd. | Qi Pan |

**E-mail Discussion:**

**Decision:**

* Agreed without presentation.

[**S4-211232**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211232.zip) is agreed.

## 9.7 5GMS\_EDGE (Edge Extensions to the 5G Media Streaming Architecture)

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| [S4-211076](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211076.zip) | Draft CR on Edge Extensions to 5GMS | QUALCOMM Europe Inc. - Italy | Imed Bouazizi |

**E-mail Discussion:**

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| [[9.7; 1076; Block A; 20Aug 1200 CEST] Draft CR to 26.501 on Edge Extensions to 5GMS -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;508272ad.2108C&S=) | Gabin, Frederic | Wed, 18 Aug 2021 16:14:10 +0000 |
| [Re: [9.7; 1076; Block A; 20Aug 1200 CEST] Draft CR to 26.501 on Edge Extensions to 5GMS -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;2da5b117.2108C&S=) | Richard Bradbury | Wed, 18 Aug 2021 17:43:32 +0100 |
| [Re: [9.7; 1076; Block A; 20Aug 1200 CEST] Draft CR to 26.501 on Edge Extensions to 5GMS -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;64f850f1.2108C&S=) | Iraj Sodagar | Wed, 18 Aug 2021 21:48:33 +0000 |
| [Re: [9.7; 1076; Block A; 20Aug 1200 CEST] Draft CR to 26.501 on Edge Extensions to 5GMS -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;b9e115ac.2108C&S=) | Thorsten Lohmar | Thu, 19 Aug 2021 05:29:55 +0000 |
| [[9.7; 1076; Block A; 20Aug 1200 CEST] Draft CR to 26.501 on Edge Extensions to 5GMS -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;b0958f38.2108C&S=) | Imed Bouazizi | Thu, 19 Aug 2021 13:08:42 +0000 |
| [[9.7; 1076; Block A; 20Aug 1200 CEST] Draft CR to 26.501 on Edge Extensions to 5GMS -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;ca07d83e.2108C&S=) | Imed Bouazizi | Thu, 19 Aug 2021 13:20:29 +0000 |
| [[9.7; 1076; Block A; 20Aug 1200 CEST] Draft CR to 26.501 on Edge Extensions to 5GMS -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;2ddfe3a.2108C&S=) | Imed Bouazizi | Thu, 19 Aug 2021 13:23:53 +0000 |
| [[9.7; 1076; Block A; 20Aug 1200 CEST] Draft CR to 26.501 on Edge Extensions to 5GMS -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;4d36143e.2108C&S=) | Richard Bradbury | Thu, 19 Aug 2021 18:22:50 +0100 |
| [[9.7; 1076; Block A; 20Aug 1200 CEST] Draft CR to 26.501 on Edge Extensions to 5GMS -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;7d0bf9b.2108C&S=) | Thorsten Lohmar | Fri, 20 Aug 2021 07:30:10 +0000 |
| [[9.7; 1076; Block A; 20Aug 1200 CEST] Draft CR to 26.501 on Edge Extensions to 5GMS -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;3044e943.2108C&S=) | Gabin, Frederic | Fri, 20 Aug 2021 13:24:37 +0000 |
| [Re: [9.7; 1076; Block A; 20Aug 1200 CEST] Draft CR to 26.501 on Edge Extensions to 5GMS -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;78990ae0.2108D&S=) | Richard Bradbury | Mon, 23 Aug 2021 14:40:31 +0100 |

**Online Presenter: Imed Bouazizi, Qualcomm**

**Online Discussion:**

* r02 was presented.
* Imed: Clauses affected should be 8.

**Decision:**

* Revised to 1249

[**S4-211076**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211076.zip) is revised to [S4-211249](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211249.zip).

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| [S4-211](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211076.zip)249 | Draft CR on Edge Extensions to 5GMS | QUALCOMM Europe Inc. - Italy | Imed Bouazizi |

**E-mail Discussion:**

See [S4-211076](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211076.zip).

**Online Presenter: Imed Bouazizi, Qualcomm**

**Online Discussion:**

* Richard: Is the intention to have a formal CR for the plenary?
* Imed: No. No need to present it at the plenary.

**Decision:**

* Agreed.

[**S4-211249**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211249.zip) is agreed.

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| [S4-211077](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211077.zip) | Updates to Proposed Timeplan for 5GMS\_EDGE | Qualcomm Incorporated | Imed Bouazizi |

**E-mail Discussion:**

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| [[9.7; 1077; Block A; 20Aug 1200 CEST] Time Plan for the 5GMS\_EDGE Work Item v0.2.0 -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;6d4ddc61.2108C&S=) | Gabin, Frederic | Wed, 18 Aug 2021 16:14:59 +0000 |
| [Re: [9.7; 1077; Block A; 20Aug 1200 CEST] Time Plan for the 5GMS\_EDGE Work Item v0.2.0 -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;df9a7b70.2108C&S=) | Thorsten Lohmar | Thu, 19 Aug 2021 05:32:23 +0000 |
| [[9.7; 1077; Block A; 20Aug 1200 CEST] Time Plan for the 5GMS\_EDGE Work Item v0.2.0 -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;24bc4628.2108C&S=) | Gabin, Frederic | Fri, 20 Aug 2021 10:17:43 +0000 |

**Online Presenter: Imed Bouazizi, Qualcomm**

**Online Discussion:**

* None

**Decision:**

* Revised to 1269.

[**S4-211077**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211077.zip) is revised to [S4-211269](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211269.zip).

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| [S4-211](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211077.zip)269 | Updates to Proposed Timeplan for 5GMS\_EDGE | Qualcomm Incorporated | Imed Bouazizi |

**E-mail Discussion:**

See [S4-211077](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211077.zip).

**Decision:**

* Agreed.

[**S4-211269**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211269.zip) is agreed.

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| [S4-211](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211077.zip)231 | LS to SA6 on 5GMS EDGE | Qualcomm Incorporated | Imed Bouazizi |

**E-mail Discussion:**

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| [1231 LS to SA6](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;a95124e7.2108D&S=) | Imed Bouazizi | Wed, 25 Aug 2021 13:54:42 +0000 |
| [Re: 1231 LS to SA6](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;15c665c7.2108D&S=) | Richard Bradbury | Wed, 25 Aug 2021 15:23:18 +0100 |
| [Re: 1231 LS to SA6](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;178b43ae.2108D&S=) | Iraj Sodagar | Wed, 25 Aug 2021 17:25:27 +0000 |
| [Re: 1231 LS to SA6](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;57f75ad5.2108D&S=) | Imed Bouazizi | Thu, 26 Aug 2021 12:15:07 +0000 |

**Online Presenter: Imed Bouazizi, Qualcomm**

**Online Discussion:**

* r02 version from the draft folder was presented.

**Decision:**

* Agreed.

[**S4-211231**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211231.zip) is agreed.

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| [S4-211078](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211078.zip) | Multimedia Application Context Definition | QUALCOMM Europe Inc. - Italy | Imed Bouazizi |

**E-mail Discussion:**

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| [[9.7; 1078; Block A; 20Aug 1200 CEST] DP on Multimedia Application Context Definition -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;6461d81c.2108C&S=) | Gabin, Frederic | Wed, 18 Aug 2021 16:14:24 +0000 |
| [Re: [9.7; 1078; Block A; 20Aug 1200 CEST] DP on Multimedia Application Context Definition -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;ffd222ec.2108C&S=) | Richard Bradbury | Wed, 18 Aug 2021 17:53:01 +0100 |
| [Re: [9.7; 1078; Block A; 20Aug 1200 CEST] DP on Multimedia Application Context Definition -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;accaad64.2108C&S=) | Prakash Kolan | Wed, 18 Aug 2021 21:48:35 +0000 |
| [Re: [9.7; 1078; Block A; 20Aug 1200 CEST] DP on Multimedia Application Context Definition -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;4ff4e8e9.2108C&S=) | Prakash Kolan | Wed, 18 Aug 2021 21:59:32 +0000 |
| [Re: [9.7; 1078; Block A; 20Aug 1200 CEST] DP on Multimedia Application Context Definition -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;a1110882.2108C&S=) | Thorsten Lohmar | Thu, 19 Aug 2021 05:20:39 +0000 |
| [[9.7; 1078; Block A; 20Aug 1200 CEST] DP on Multimedia Application Context Definition -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;c6e66173.2108C&S=) | Imed Bouazizi | Thu, 19 Aug 2021 12:58:18 +0000 |
| [[9.7; 1078; Block A; 20Aug 1200 CEST] DP on Multimedia Application Context Definition -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;bba4a12c.2108C&S=) | Imed Bouazizi | Thu, 19 Aug 2021 13:01:31 +0000 |
| [[9.7; 1078; Block A; 20Aug 1200 CEST] DP on Multimedia Application Context Definition -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;ced920fd.2108C&S=) | Imed Bouazizi | Thu, 19 Aug 2021 13:05:35 +0000 |
| [[9.7; 1078; Block A; 20Aug 1200 CEST] DP on Multimedia Application Context Definition -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;b959161d.2108C&S=) | Richard Bradbury | Thu, 19 Aug 2021 17:07:22 +0100 |
| [[9.7; 1078; Block A; 20Aug 1200 CEST] DP on Multimedia Application Context Definition -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;ead03fa9.2108C&S=) | Richard Bradbury | Thu, 19 Aug 2021 17:24:36 +0100 |
| [[9.7; 1078; Block A; 20Aug 1200 CEST] DP on Multimedia Application Context Definition -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;4216ec5b.2108C&S=) | Gabin, Frederic | Fri, 20 Aug 2021 13:43:56 +0000 |

**Online Presenter: Imed Bouazizi, Qualcomm**

**Online Discussion:**

* Thorsten: Client side reallocation should be allowed.
* Imed: Applications are classified (e.g. stateless).
* Thorsten: It is not clear if other methods are excluded.
* Richard: I support the 1st half. The 2nd half, I am not sure what is missing in the SA6 solution. I don’t understand what the gap is.
* Imed: For SA6, they are considering the state. In practice, it would be a container or a VM.
* Richard: In that case SA6 should change their spec.
* Imed: The solution here is to share the states.
* Richard: OK but it is not a job for SA4.
* Imed: SA6 is only doing stage 2. Maybe we need to clarify this with them.
* Frédéric: Can we note this contribution and send an LS?
* Imed: I think we agree on the 1st part of the proposal.

**Decision:**

* Partially agreed (only on the 1st part of the proposal “define the provisioning extensions…”). Draft LS to SA6 to be prepared in 1231.

[**S4-211078**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211078.zip) is partially agreed.

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| [S4-211136](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211136.zip) | Discussion on 5GMS AF context definition | Huawei Technologies Co.,Ltd. | Qi Pan |

**E-mail Discussion:**

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| [[9.7; 1136; Block A; 20Aug 1200 CEST] DP on 5GMS AF context definition -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;6452ead6.2108C&S=) | Gabin, Frederic | Wed, 18 Aug 2021 16:14:34 +0000 |
| [Re: [9.7; 1136; Block A; 20Aug 1200 CEST] DP on 5GMS AF context definition -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;9b3e5c9a.2108C&S=) | Richard Bradbury | Wed, 18 Aug 2021 18:05:06 +0100 |
| [Re: [9.7; 1136; Block A; 20Aug 1200 CEST] DP on 5GMS AF context definition -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;30f17c46.2108C&S=) | Imed Bouazizi | Wed, 18 Aug 2021 17:29:39 +0000 |
| [Re: [9.7; 1136; Block A; 20Aug 1200 CEST] DP on 5GMS AF context definition -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;b961ef68.2108C&S=) | Iraj Sodagar | Wed, 18 Aug 2021 22:57:32 +0000 |
| [Re: [9.7; 1136; Block A; 20Aug 1200 CEST] DP on 5GMS AF context definition -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;ab9db2dd.2108C&S=) | Thorsten Lohmar | Thu, 19 Aug 2021 05:06:39 +0000 |
| [Re: [9.7; 1136; Block A; 20Aug 1200 CEST] DP on 5GMS AF context definition -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;cfaf410c.2108C&S=) | panqi (E) | Thu, 19 Aug 2021 06:38:19 +0000 |
| [Re: [9.7; 1136; Block A; 20Aug 1200 CEST] DP on 5GMS AF context definition -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;e974497b.2108C&S=) | panqi (E) | Thu, 19 Aug 2021 06:38:33 +0000 |
| [Re: [9.7; 1136; Block A; 20Aug 1200 CEST] DP on 5GMS AF context definition -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;7e7008c7.2108C&S=) | panqi (E) | Thu, 19 Aug 2021 08:38:54 +0000 |
| [[9.7; 1136; Block A; 20Aug 1200 CEST] DP on 5GMS AF context definition -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;4d2d7e99.2108C&S=) | Thorsten Lohmar | Fri, 20 Aug 2021 07:05:08 +0000 |
| [[9.7; 1136; Block A; 20Aug 1200 CEST] DP on 5GMS AF context definition -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;acf52998.2108C&S=) | panqi (E) | Fri, 20 Aug 2021 07:41:32 +0000 |
| [[9.7; 1136; Block A; 20Aug 1200 CEST] DP on 5GMS AF context definition -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;23d91ec7.2108C&S=) | Richard Bradbury | Fri, 20 Aug 2021 10:38:03 +0100 |
| [[9.7; 1136; Block A; 20Aug 1200 CEST] DP on 5GMS AF context definition -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;29b369d.2108C&S=) | Thorsten Lohmar | Fri, 20 Aug 2021 12:21:56 +0000 |
| [[9.7; 1136; Block A; 20Aug 1200 CEST] DP on 5GMS AF context definition -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;9aeb08f2.2108C&S=) | Gabin, Frederic | Fri, 20 Aug 2021 14:01:41 +0000 |
| [[9.7; 1136; Block A; 20Aug 1200 CEST] DP on 5GMS AF context definition -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;84f6b359.2108C&S=) | Richard Bradbury | Fri, 20 Aug 2021 14:34:50 +0100 |
| [Re: [9.7; 1136; Block A; 20Aug 1200 CEST] DP on 5GMS AF context definition -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;d7dd71e7.2108D&S=) | panqi (E) | Wed, 25 Aug 2021 08:38:39 +0000 |

**Online Presenter: Qi Pan, Huawei**

**Online Discussion:**

* r01 was presented.
* Richard : This is based on the fact that 5GMS AF can be an EAS.
* Imed: Yes, and control should be separate.
* r02 was presented.
* Imed: There is still a pending question on which type of context (application vs AF) we are talking about.
* Qi: This is AF context and not the application context.
* Richard: do we consider AF context to be the application context?
* Imed: No, these are different
* Frédéric: We probably need more time.

**Decision:**

* Noted.

[**S4-211136**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211136.zip) is noted.

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| [S4-211175](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211175.zip) | Requirements for EAS Relocation Support in EMSA Architecture | Samsung Electronics Co., Ltd. | Prakash Kolan |

**E-mail Discussion:**

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| [[9.7; 1175; Block A; 20Aug 1200 CEST] DP on Requirements for EAS Relocation Support in EMSA Architecture -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;ff7d1b3.2108C&S=) | Gabin, Frederic | Wed, 18 Aug 2021 16:14:42 +0000 |
| [Re: [9.7; 1175; Block A; 20Aug 1200 CEST] DP on Requirements for EAS Relocation Support in EMSA Architecture -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;3d26c4ba.2108C&S=) | Richard Bradbury | Wed, 18 Aug 2021 18:10:36 +0100 |
| [Re: [9.7; 1175; Block A; 20Aug 1200 CEST] DP on Requirements for EAS Relocation Support in EMSA Architecture -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;deee6785.2108C&S=) | Imed Bouazizi | Wed, 18 Aug 2021 17:25:52 +0000 |
| [Re: [9.7; 1175; Block A; 20Aug 1200 CEST] DP on Requirements for EAS Relocation Support in EMSA Architecture -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;d1ee15be.2108C&S=) | Iraj Sodagar | Wed, 18 Aug 2021 22:31:43 +0000 |
| [Re: [9.7; 1175; Block A; 20Aug 1200 CEST] DP on Requirements for EAS Relocation Support in EMSA Architecture -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;8315bd54.2108C&S=) | Prakash Kolan | Wed, 18 Aug 2021 22:37:06 +0000 |
| [Re: [9.7; 1175; Block A; 20Aug 1200 CEST] DP on Requirements for EAS Relocation Support in EMSA Architecture -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;96d0b5b8.2108C&S=) | Prakash Kolan | Wed, 18 Aug 2021 22:59:30 +0000 |
| [Re: [9.7; 1175; Block A; 20Aug 1200 CEST] DP on Requirements for EAS Relocation Support in EMSA Architecture -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;4e4b49f9.2108C&S=) | Thorsten Lohmar | Thu, 19 Aug 2021 05:01:01 +0000 |
| [[9.7; 1175; Block A; 20Aug 1200 CEST] DP on Requirements for EAS Relocation Support in EMSA Architecture -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;f883f96e.2108C&S=) | Richard Bradbury | Thu, 19 Aug 2021 18:46:17 +0100 |
| [[9.7; 1175; Block A; 20Aug 1200 CEST] DP on Requirements for EAS Relocation Support in EMSA Architecture -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;45dabae6.2108C&S=) | Prakash Kolan | Thu, 19 Aug 2021 19:13:27 +0000 |
| [[9.7; 1175; Block A; 20Aug 1200 CEST] DP on Requirements for EAS Relocation Support in EMSA Architecture -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;4d70b830.2108C&S=) | Prakash Kolan | Thu, 19 Aug 2021 19:32:11 +0000 |
| [[9.7; 1175; Block A; 20Aug 1200 CEST] DP on Requirements for EAS Relocation Support in EMSA Architecture -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;106579f2.2108C&S=) | Prakash Kolan | Thu, 19 Aug 2021 19:53:45 +0000 |
| [[9.7; 1175; Block A; 20Aug 1200 CEST] DP on Requirements for EAS Relocation Support in EMSA Architecture -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;9cab38ac.2108C&S=) | Iraj Sodagar | Thu, 19 Aug 2021 20:34:40 +0000 |
| [[9.7; 1175; Block A; 20Aug 1200 CEST] DP on Requirements for EAS Relocation Support in EMSA Architecture -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;b51168fb.2108C&S=) | Thorsten Lohmar | Fri, 20 Aug 2021 07:00:06 +0000 |
| [[9.7; 1175; Block A; 20Aug 1200 CEST] DP on Requirements for EAS Relocation Support in EMSA Architecture -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;43fa786d.2108C&S=) | Richard Bradbury | Fri, 20 Aug 2021 11:47:29 +0100 |
| [[9.7; 1175; Block A; 20Aug 1200 CEST] DP on Requirements for EAS Relocation Support in EMSA Architecture -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;7710e2dc.2108C&S=) | Gabin, Frederic | Fri, 20 Aug 2021 14:07:43 +0000 |
| [Re: [9.7; 1175; Block A; 20Aug 1200 CEST] DP on Requirements for EAS Relocation Support in EMSA Architecture -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;8fa81193.2108D&S=) | Prakash Kolan | Sun, 22 Aug 2021 05:50:06 +0000 |
| [Re: [9.7; 1175; Block A; 20Aug 1200 CEST] DP on Requirements for EAS Relocation Support in EMSA Architecture -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;8875cfa0.2108D&S=) | Iraj Sodagar | Mon, 23 Aug 2021 04:26:32 +0000 |
| [Re: [9.7; 1175; Block A; 20Aug 1200 CEST] DP on Requirements for EAS Relocation Support in EMSA Architecture -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;5735fac3.2108D&S=) | Prakash Kolan | Mon, 23 Aug 2021 19:54:28 +0000 |
| [Re: [9.7; 1175; Block A; 20Aug 1200 CEST] DP on Requirements for EAS Relocation Support in EMSA Architecture -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;be8fe35a.2108D&S=) | Iraj Sodagar | Tue, 24 Aug 2021 00:55:43 +0000 |
| [Re: [9.7; 1175; Block A; 20Aug 1200 CEST] DP on Requirements for EAS Relocation Support in EMSA Architecture -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;ecbe9483.2108D&S=) | Prakash Kolan | Tue, 24 Aug 2021 02:04:54 +0000 |
| [Re: [9.7; 1175; Block A; 20Aug 1200 CEST] DP on Requirements for EAS Relocation Support in EMSA Architecture -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;abee6e9d.2108D&S=) | Iraj Sodagar | Tue, 24 Aug 2021 23:52:45 +0000 |
| [Re: [9.7; 1175; Block A; 20Aug 1200 CEST] DP on Requirements for EAS Relocation Support in EMSA Architecture -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;182fcfc1.2108D&S=) | Prakash Kolan | Tue, 24 Aug 2021 22:05:40 +0000 |
| [Re: [9.7; 1175; Block A; 20Aug 1200 CEST] DP on Requirements for EAS Relocation Support in EMSA Architecture -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;dc8ba9de.2108D&S=) | Richard Bradbury | Tue, 24 Aug 2021 16:32:44 +0100 |
| [Re: [9.7; 1175; Block A; 20Aug 1200 CEST] DP on Requirements for EAS Relocation Support in EMSA Architecture -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;fb7485a5.2108D&S=) | Richard Bradbury | Wed, 25 Aug 2021 11:48:34 +0100 |
| [Re: [9.7; 1175; Block A; 20Aug 1200 CEST] DP on Requirements for EAS Relocation Support in EMSA Architecture -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;579b5ac0.2108D&S=) | Imed Bouazizi | Wed, 25 Aug 2021 12:39:04 +0000 |
| [Re: [9.7; 1175; Block A; 20Aug 1200 CEST] DP on Requirements for EAS Relocation Support in EMSA Architecture -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;df6492de.2108D&S=) | Prakash Kolan | Wed, 25 Aug 2021 14:00:19 +0000 |

**Online Presenter: Prakash Kolan, Samsung**

**Online Discussion:**

* The changes in r01 were presented.
* r02-Tencent version was presented. Requirements 5, 6 and 7 were deleted.

**Decision:**

* Revised to 1258 according to r02-Tencent. 1258 agreed without presentation.

[**S4-211175**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211175.zip) is revised to [S4-211268](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211268.zip).

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| [S4-211](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211175.zip)268 | Requirements for EAS Relocation Support in EMSA Architecture | Samsung Electronics Co., Ltd. | Prakash Kolan |

**E-mail Discussion:**

See [S4-211268](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211268.zip).

**Decision:**

* Agreed without presentation.

[**S4-211268**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211268.zip) is agreed.

## 9.8 5MBUSA (5G Multicast-Broadcast User Service Architecture and related 5GMS Extensions)

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| [S4-211005](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211005.zip) | [5MBUSA] Architecture and Service Model | Qualcomm Incorporated | Thomas Stockhammer |

**E-mail Discussion:**

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| [[9.8; 1005; Block A; 20Aug 1200 CEST] [5MBUSA] Architecture and Service Model -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;56de77ad.2108C&S=) | Gabin, Frederic | Thu, 19 Aug 2021 07:35:26 +0000 |
| [Re: [9.8; 1005; Block A; 20Aug 1200 CEST] [5MBUSA] Architecture and Service Model -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;6f2ca4a0.2108C&S=) | Richard Bradbury | Thu, 19 Aug 2021 09:18:45 +0100 |
| [[9.8; 1005; Block A; 20Aug 1200 CEST] [5MBUSA] Architecture and Service Model -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;8ce72270.2108C&S=) | Cedric THIENOT | Thu, 19 Aug 2021 15:56:29 +0200 |
| [[9.8; 1005; Block A; 20Aug 1200 CEST] [5MBUSA] Architecture and Service Model -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;6821ff3b.2108C&S=) | Thorsten Lohmar | Thu, 19 Aug 2021 18:06:14 +0000 |
| [[9.8; 1005; Block A; 20Aug 1200 CEST] [5MBUSA] Architecture and Service Model -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;f3184b7a.2108C&S=) | Gabin, Frederic | Fri, 20 Aug 2021 10:23:44 +0000 |
| [[9.8; 1005; Block A; 20Aug 1200 CEST] [5MBUSA] Architecture and Service Model -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;87d298a6.2108C&S=) | Gabin, Frederic | Fri, 20 Aug 2021 10:25:40 +0000 |
| [[9.8; 1005; Block A; 20Aug 1200 CEST] [5MBUSA] Architecture and Service Model -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;247cef79.2108C&S=) | Thomas Stockhammer | Fri, 20 Aug 2021 10:37:31 +0000 |
| [[9.8; 1005; Block A; 20Aug 1200 CEST] [5MBUSA] Architecture and Service Model -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;58068798.2108C&S=) | Thomas Stockhammer | Fri, 20 Aug 2021 10:52:26 +0000 |
| [[9.8; 1005; Block A; 20Aug 1200 CEST] [5MBUSA] Architecture and Service Model -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;f4c83c77.2108C&S=) | Thomas Stockhammer | Fri, 20 Aug 2021 10:59:38 +0000 |
| [[9.8; 1005; Block A; 20Aug 1200 CEST] [5MBUSA] Architecture and Service Model -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;7a7ac3f5.2108C&S=) | Thomas Stockhammer | Fri, 20 Aug 2021 11:00:21 +0000 |
| [[9.8; 1005; Block A; 20Aug 1200 CEST] [5MBUSA] Architecture and Service Model -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;5608d58d.2108C&S=) | Richard Bradbury | Fri, 20 Aug 2021 12:55:04 +0100 |
| [[9.8; 1005; Block A; 20Aug 1200 CEST] [5MBUSA] Architecture and Service Model -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;3b63c28d.2108C&S=) | Thomas Stockhammer | Fri, 20 Aug 2021 14:54:41 +0000 |

**Online Presenter: Thomas Stockhammer, Qualcomm**

**Online Discussion:**

* r01 was presented.
* Richard: It can be valid to have an AS in the MBSTF. There may be rationale for binding the 5MBS AS to MBSTF, such as supporting unicast repair, but that should be clarified
* Thomas - you’re referring more to deployment choice rather than functional represesentation
* Thorsten: functional view often interpreted to map to practical implementation; not sure the MBSTF should support unicast functionality - currently understood to solely support multicast; also missing depiction of interaction between MBSTF to MB-UPF
* Richard prefers to show 5MBS AS and standalone function outside the MBSTF; could be issue with showing its interfaces to other entities
* Frederic: suggests offline discussion among key people

**Decision:**

* Merged into 1250.

[**S4-211005**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211005.zip) is merged into [S4-211250](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211250.zip).

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| [S4-211006](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211006.zip) | [5MBUSA] Re-use of MBMS | Qualcomm Incorporated | Thomas Stockhammer |

**E-mail Discussion:**

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| [[9.8; 1006; Block A; 20Aug 1200 CEST] [5MBUSA] Re-use of MBMS -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;67bb95e.2108C&S=) | Gabin, Frederic | Thu, 19 Aug 2021 07:35:39 +0000 |
| [Re: [9.8; 1006; Block A; 20Aug 1200 CEST] [5MBUSA] Re-use of MBMS -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;2ce5332f.2108C&S=) | Richard Bradbury | Thu, 19 Aug 2021 09:45:08 +0100 |
| [[9.8; 1006; Block A; 20Aug 1200 CEST] [5MBUSA] Re-use of MBMS -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;78e13339.2108C&S=) | Thorsten Lohmar | Thu, 19 Aug 2021 18:27:08 +0000 |
| [[9.8; 1006; Block A; 20Aug 1200 CEST] [5MBUSA] Re-use of MBMS -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;2541d2ba.2108C&S=) | Gabin, Frederic | Fri, 20 Aug 2021 10:27:11 +0000 |
| [[9.8; 1006; Block A; 20Aug 1200 CEST] [5MBUSA] Re-use of MBMS -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;e50b3380.2108C&S=) | Thomas Stockhammer | Fri, 20 Aug 2021 11:31:10 +0000 |
| [[9.8; 1006; Block A; 20Aug 1200 CEST] [5MBUSA] Re-use of MBMS -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;a7c26f9c.2108C&S=) | Thomas Stockhammer | Fri, 20 Aug 2021 11:56:37 +0000 |
| [[9.8; 1006; Block A; 20Aug 1200 CEST] [5MBUSA] Re-use of MBMS -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;387c453d.2108C&S=) | Thomas Stockhammer | Fri, 20 Aug 2021 11:58:15 +0000 |
| [[9.8; 1006; Block A; 20Aug 1200 CEST] [5MBUSA] Re-use of MBMS -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;e75c5fbb.2108C&S=) | Richard Bradbury | Fri, 20 Aug 2021 13:59:42 +0100 |

**Decision:**

* Merged into 1250.

[**S4-211006**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211006.zip) is merged into [S4-211250](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211250.zip).

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| [S4-211007](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211007.zip) | [5MBUSA] 5GMS via eMBMS | Qualcomm Incorporated | Thomas Stockhammer |

**E-mail Discussion:**

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| [[9.8; 1007; Block A; 20Aug 1200 CEST] [5MBUSA] 5GMS via eMBMS -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;ad79a72d.2108C&S=) | Gabin, Frederic | Thu, 19 Aug 2021 07:35:52 +0000 |
| [Re: [9.8; 1007; Block A; 20Aug 1200 CEST] [5MBUSA] 5GMS via eMBMS -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;bd81faf3.2108C&S=) | Richard Bradbury | Thu, 19 Aug 2021 09:57:47 +0100 |
| [[9.8; 1007; Block A; 20Aug 1200 CEST] [5MBUSA] 5GMS via eMBMS -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;90942e14.2108C&S=) | Thorsten Lohmar | Fri, 20 Aug 2021 06:18:39 +0000 |
| [[9.8; 1007; Block A; 20Aug 1200 CEST] [5MBUSA] 5GMS via eMBMS -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;de3157d3.2108C&S=) | Gabin, Frederic | Fri, 20 Aug 2021 10:31:48 +0000 |
| [[9.8; 1007; Block A; 20Aug 1200 CEST] [5MBUSA] 5GMS via eMBMS -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;7590393e.2108C&S=) | Thomas Stockhammer | Fri, 20 Aug 2021 12:23:31 +0000 |
| [[9.8; 1007; Block A; 20Aug 1200 CEST] [5MBUSA] 5GMS via eMBMS -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;4453cf32.2108C&S=) | Thomas Stockhammer | Fri, 20 Aug 2021 12:27:42 +0000 |
| [[9.8; 1007; Block A; 20Aug 1200 CEST] [5MBUSA] 5GMS via eMBMS -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;db382cf6.2108C&S=) | Thomas Stockhammer | Fri, 20 Aug 2021 12:29:52 +0000 |
| [[9.8; 1007; Block A; 20Aug 1200 CEST] [5MBUSA] 5GMS via eMBMS -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;d219ad78.2108C&S=) | Thorsten Lohmar | Fri, 20 Aug 2021 14:17:06 +0000 |
| [[9.8; 1007; Block A; 20Aug 1200 CEST] [5MBUSA] 5GMS via eMBMS -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;1701b4f9.2108C&S=) | Richard Bradbury | Fri, 20 Aug 2021 15:01:01 +0100 |

**Decision:**

* Noted.

[**S4-211007**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211007.zip) is noted

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| [S4-211008](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211008.zip) | [5MBUSA] Low-latency Broadcast | Qualcomm Incorporated | Thomas Stockhammer |

**E-mail Discussion:**

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| [[9.8; 1008; Block A; 20Aug 1200 CEST] [5MBUSA] Low-latency Broadcast -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;a8a71dbc.2108C&S=) | Gabin, Frederic | Thu, 19 Aug 2021 07:36:09 +0000 |
| [Re: [9.8; 1008; Block A; 20Aug 1200 CEST] [5MBUSA] Low-latency Broadcast -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;2b71587a.2108C&S=) | Richard Bradbury | Thu, 19 Aug 2021 10:02:58 +0100 |
| [[9.8; 1008; Block A; 20Aug 1200 CEST] [5MBUSA] Low-latency Broadcast -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;2e5c7846.2108C&S=) | Thorsten Lohmar | Fri, 20 Aug 2021 06:27:40 +0000 |
| [[9.8; 1008; Block A; 20Aug 1200 CEST] [5MBUSA] Low-latency Broadcast -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;eb3e9162.2108C&S=) | Gabin, Frederic | Fri, 20 Aug 2021 10:37:00 +0000 |
| [[9.8; 1008; Block A; 20Aug 1200 CEST] [5MBUSA] Low-latency Broadcast -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;7c877b5.2108C&S=) | Thomas Stockhammer | Fri, 20 Aug 2021 14:27:33 +0000 |
| [[9.8; 1008; Block A; 20Aug 1200 CEST] [5MBUSA] Low-latency Broadcast -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;bf135829.2108C&S=) | Thomas Stockhammer | Fri, 20 Aug 2021 14:40:03 +0000 |
| [[9.8; 1008; Block A; 20Aug 1200 CEST] [5MBUSA] Low-latency Broadcast -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;8d629d5c.2108C&S=) | Thomas Stockhammer | Fri, 20 Aug 2021 14:41:23 +0000 |

**Decision:**

* Noted via emails.

[**S4-211008**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211008.zip) is noted.

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| [S4-211009](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211009.zip) | [5MBUSA] Hybrid Services | Qualcomm Incorporated | Thomas Stockhammer |

**E-mail Discussion:**

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| [[9.8; 1009; Block A; 20Aug 1200 CEST] [5MBUSA] Hybrid Services -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;89f1c3a7.2108C&S=) | Gabin, Frederic | Thu, 19 Aug 2021 07:36:19 +0000 |
| [Re: [9.8; 1009; Block A; 20Aug 1200 CEST] [5MBUSA] Hybrid Services -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;24b664f2.2108C&S=) | Richard Bradbury | Thu, 19 Aug 2021 11:17:04 +0100 |
| [[9.8; 1009; Block A; 20Aug 1200 CEST] [5MBUSA] Hybrid Services -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;a966c668.2108C&S=) | Cedric THIENOT | Thu, 19 Aug 2021 17:09:56 +0200 |
| [[9.8; 1009; Block A; 20Aug 1200 CEST] [5MBUSA] Hybrid Services -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;bab6af0a.2108C&S=) | Thorsten Lohmar | Fri, 20 Aug 2021 06:43:29 +0000 |
| [[9.8; 1009; Block A; 20Aug 1200 CEST] [5MBUSA] Hybrid Services -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;d1101d8f.2108C&S=) | Gabin, Frederic | Fri, 20 Aug 2021 10:39:18 +0000 |
| [[9.8; 1009; Block A; 20Aug 1200 CEST] [5MBUSA] Hybrid Services -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;2a121f91.2108C&S=) | Thomas Stockhammer | Fri, 20 Aug 2021 15:10:03 +0000 |
| [[9.8; 1009; Block A; 20Aug 1200 CEST] [5MBUSA] Hybrid Services -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;8378feb0.2108C&S=) | Thomas Stockhammer | Fri, 20 Aug 2021 15:14:01 +0000 |
| [[9.8; 1009; Block A; 20Aug 1200 CEST] [5MBUSA] Hybrid Services -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;4d768f8f.2108C&S=) | Thomas Stockhammer | Fri, 20 Aug 2021 15:16:21 +0000 |
| [[9.8; 1009; Block A; 20Aug 1200 CEST] [5MBUSA] Hybrid Services -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;cee7efa.2108C&S=) | Thomas Stockhammer | Fri, 20 Aug 2021 15:17:36 +0000 |
| [[9.8; 1009; Block A; 20Aug 1200 CEST] [5MBUSA] Hybrid Services -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;460a28ed.2108C&S=) | Richard Bradbury | Fri, 20 Aug 2021 17:32:14 +0100 |
| [[9.8; 1009; Block A; 20Aug 1200 CEST] [5MBUSA] Hybrid Services -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;db5aeb60.2108C&S=) | Thomas Stockhammer | Sat, 21 Aug 2021 15:43:23 +0000 |
| [Re: [9.8; 1009; Block A; 20Aug 1200 CEST] [5MBUSA] Hybrid Services -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;e28b470f.2108D&S=) | Thorsten Lohmar | Mon, 23 Aug 2021 05:15:44 +0000 |
| [Re: [9.8; 1009; Block A; 20Aug 1200 CEST] [5MBUSA] Hybrid Services -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;c8ba0352.2108D&S=) | Richard Bradbury | Mon, 23 Aug 2021 10:05:29 +0100 |

**Decision:**

* Noted.

[**S4-211009**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211009.zip) is noted.

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| [S4-211010](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211010.zip) | [5MBUSA] Security Aspects | Qualcomm Incorporated | Thomas Stockhammer |

**E-mail Discussion:**

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| [[9.8; 1010; Block A; 20Aug 1200 CEST] [5MBUSA] Security Aspects -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;f7ed05f1.2108C&S=) | Gabin, Frederic | Thu, 19 Aug 2021 07:36:27 +0000 |
| [Re: [9.8; 1010; Block A; 20Aug 1200 CEST] [5MBUSA] Security Aspects -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;9b2f7eaf.2108C&S=) | Richard Bradbury | Thu, 19 Aug 2021 11:27:36 +0100 |
| [[9.8; 1010; Block A; 20Aug 1200 CEST] [5MBUSA] Security Aspects -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;82623a31.2108C&S=) | Thorsten Lohmar | Fri, 20 Aug 2021 06:50:50 +0000 |
| [[9.8; 1010; Block A; 20Aug 1200 CEST] [5MBUSA] Security Aspects -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;40c6c408.2108C&S=) | Gabin, Frederic | Fri, 20 Aug 2021 13:12:56 +0000 |
| [[9.8; 1010; Block A; 20Aug 1200 CEST] [5MBUSA] Security Aspects -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;453e710f.2108C&S=) | Thomas Stockhammer | Fri, 20 Aug 2021 15:34:14 +0000 |
| [[9.8; 1010; Block A; 20Aug 1200 CEST] [5MBUSA] Security Aspects -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;205675b4.2108C&S=) | Thomas Stockhammer | Fri, 20 Aug 2021 15:39:55 +0000 |
| [[9.8; 1010; Block A; 20Aug 1200 CEST] [5MBUSA] Security Aspects -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;82b42ce3.2108C&S=) | Thomas Stockhammer | Fri, 20 Aug 2021 15:41:43 +0000 |
| [[9.8; 1010; Block A; 20Aug 1200 CEST] [5MBUSA] Security Aspects -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;50ee86d4.2108C&S=) | Richard Bradbury | Fri, 20 Aug 2021 17:21:24 +0100 |
| [Re: [9.8; 1010; Block A; 20Aug 1200 CEST] [5MBUSA] Security Aspects -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;2fbf28d9.2108D&S=) | Thorsten Lohmar | Mon, 23 Aug 2021 05:05:47 +0000 |

**Decision:**

* Noted.

[**S4-211010**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211010.zip) is noted.

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| [S4-211082](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211082.zip) | [5MBUSA] Work and Time Plan | TELUS | PENG TAN |

**E-mail Discussion:**

none

**Decision:**

* Revised to 1173.

[**S4-211082**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211082.zip) is revised to [S4-211173](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211173.zip).

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| [S4-211143](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211143.zip) | pCR to TS 26.502 on reference architecture | TELUS | PENG TAN |

**E-mail Discussion:**

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| [[9.8; 1143; Block A; 20Aug 1200 CEST] pCR to TS 26.502 on reference architecture -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;2d5f6d65.2108C&S=) | Gabin, Frederic | Thu, 19 Aug 2021 07:36:33 +0000 |
| [Re: [9.8; 1143; Block A; 20Aug 1200 CEST] pCR to TS 26.502 on reference architecture -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;cf559bdc.2108C&S=) | Richard Bradbury | Thu, 19 Aug 2021 11:55:45 +0100 |
| [[9.8; 1143; Block A; 20Aug 1200 CEST] pCR to TS 26.502 on reference architecture -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;f5f49cea.2108C&S=) | Thorsten Lohmar | Fri, 20 Aug 2021 06:52:28 +0000 |
| [[9.8; 1143; Block A; 20Aug 1200 CEST] pCR to TS 26.502 on reference architecture -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;541be90.2108C&S=) | Thomas Stockhammer | Fri, 20 Aug 2021 09:31:13 +0000 |
| [[9.8; 1143; Block A; 20Aug 1200 CEST] pCR to TS 26.502 on reference architecture -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;c65af1ec.2108C&S=) | Gabin, Frederic | Fri, 20 Aug 2021 13:14:45 +0000 |
| [[9.8; 1143; Block A; 20Aug 1200 CEST] pCR to TS 26.502 on reference architecture -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;c76e05a5.2108C&S=) | Peng Tan | Fri, 20 Aug 2021 13:29:11 +0000 |
| [[9.8; 1143; Block A; 20Aug 1200 CEST] pCR to TS 26.502 on reference architecture -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;54b48158.2108C&S=) | Thomas Stockhammer | Fri, 20 Aug 2021 14:44:57 +0000 |
| [Re: [9.8; 1143; Block A; 20Aug 1200 CEST] pCR to TS 26.502 on reference architecture -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;42b90755.2108D&S=) | Peng Tan | Sun, 22 Aug 2021 03:54:40 +0000 |
| [Re: [9.8; 1143; Block A; 20Aug 1200 CEST] pCR to TS 26.502 on reference architecture -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;ca5f1e51.2108D&S=) | Richard Bradbury | Mon, 23 Aug 2021 09:35:43 +0100 |

**Decision:**

* Merged into 1250.

[**S4-211143**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211143.zip) is merged into [S4-211250](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211250.zip).

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| [S4-211173](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211173.zip) | [5MBUSA] Work and Time Plan | TELUS | PENG TAN |

**E-mail Discussion:**

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| [[9.8; 1173; Block A; 20Aug 1200 CEST] Proposed Work and Time Plan for 5MBUSA -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;e251d23f.2108C&S=) | Gabin, Frederic | Thu, 19 Aug 2021 07:36:40 +0000 |
| [[9.8; 1173; Block A; 20Aug 1200 CEST] Proposed Work and Time Plan for 5MBUSA -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;c04fd01a.2108C&S=) | Thomas Stockhammer | Thu, 19 Aug 2021 20:21:10 +0000 |
| [[9.8; 1173; Block A; 20Aug 1200 CEST] Proposed Work and Time Plan for 5MBUSA -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;39cf9cf8.2108C&S=) | Peng Tan | Fri, 20 Aug 2021 13:44:48 +0000 |
| [Re: [9.8; 1173; Block A; 20Aug 1200 CEST] Proposed Work and Time Plan for 5MBUSA -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;c744dfcb.2108D&S=) | Peng Tan | Wed, 25 Aug 2021 15:02:34 +0000 |

**Online Presenter: Peng Tan, Telus**

**Online Discussion:**

* r02 was presented.
* Frédéric: We are in Rel-18 which was not the plan. We need to review this during the plenary.

**Decision:**

* Revised to 1271. 1271 is agreed without presentation.

[**S4-211173**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211173.zip) is revised to [S4-211271](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211271.zip).

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| [S4-211](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211173.zip)271 | [5MBUSA] Work and Time Plan | TELUS | PENG TAN |

**E-mail Discussion:**

See [S4-211173](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211173.zip).

**Decision:**

* Agreed without presentation.

[**S4-211271**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211271.zip) is agreed.

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| [S4-211](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211173.zip)250 | Summary of offline agreements on 5MBUSA | Qualcomm | Thomas Stockhammer |

**E-mail Discussion:**

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| [5MBS Offline Part2](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;6314137.2108D&S=) | Thomas Stockhammer | Tue, 24 Aug 2021 08:04:17 +0000 |
| [5MBSUSA Offline Part 3](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;b21b736e.2108D&S=) | Thomas Stockhammer | Wed, 25 Aug 2021 11:28:50 +0000 |
| [Docs from Offline 5MBSUSA](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;f1d01ed7.2108D&S=) | Thomas Stockhammer | Wed, 25 Aug 2021 12:29:06 +0000 |
| [5MBSUSA Offline Part 4](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;70692221.2108D&S=) | Thomas Stockhammer | Thu, 26 Aug 2021 12:19:16 +0000 |
| [1250 -> 1270 5MBSUSA Offline - Comments welcome](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;f53b81f3.2108D&S=) | Thomas Stockhammer | Thu, 26 Aug 2021 13:13:24 +0000 |

**Online Presenter: Thomas Stockhammer, Qualcomm**

**Online Discussion:**

* Peng: We agree with the proposal, but the “packet delivery” method is not determined yet. Transparent delivery is prefered.
* Frédéric: I have questions, I’d like to attend to the offline tomorrow.

**Decision:**

* Revised to 1270. 1270 will be reviewed during plenary.

[**S4-211250**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211250.zip) is revised to [S4-211270](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211270.zip).

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| [S4-211](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211173.zip)270 | Summary of offline agreements on 5MBUSA | Qualcomm | Thomas Stockhammer |

**E-mail Discussion:**

See [S4-211250](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211250.zip).

**Decision:**

* Will be reviewed during the plenary.

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| [S4-211](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211173.zip)251 | Draft TS 26.502 v0.1.0 | BBC | Richard Bradbury |

**Decision:**

* 1251 will be reviewed during the plenary.

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

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| [S4-211011](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211011.zip) | [FS\_5GMS-EXT] Proposed Timeplan Updates | Qualcomm Incorporated | Thomas Stockhammer |

**E-mail Discussion:**

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| [[9.9; 1011; Block B; 24Aug 1200 CEST] Proposed Work and Time Plan for FS\_5GMS\_EXT -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;71839d27.2108D&S=) | Gabin, Frederic | Mon, 23 Aug 2021 07:00:22 +0000 |
| [Re: [9.9; 1011; Block B; 24Aug 1200 CEST] Proposed Work and Time Plan for FS\_5GMS\_EXT -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;ea074616.2108D&S=) | Gabin, Frederic | Tue, 24 Aug 2021 10:55:21 +0000 |

**Online Presenter: Frédéric Gabin, Dolby**

**Online Discussion:**

* Iraj: 4 and 6) don’t seem to be consistent.
* Thomas: 6) is not Rel-17. We can indicate Rel-18.
* Iraj: Do we need to finalize Rel-18 for SA4#116-e?
* Thomas: We shouldn’t rush Rel-18. We should adjust with the Rel-18 workshop input.
* Frédéric: We are not sure to complete on plan Rel-17. I don’t think it is reasonable to start new Rel-17 work. For Rel-18, we will need to have a good picture of inputs. We should have a complete Rel-18 plan in February.
* Iraj: In 4), we could add “unless the proposed Work Item is small, easy and required to be examined on a case-by-case basis.”
* Thomas: I don’t think we can manage additional Rel-17 work but if there is a consensus, it is OK. But we shouldn’t prioritize new Rel-17 work.
* Iraj: OK to not modify 4) like this. But we could replace “EDGE, 5MBS and EVEX” by “MBS SWG Work Items”

**Decision:**

* Agreed via email. Online modifications to be added by the SWG chair.
* Agreed modified proposal:
  + 1) To agree to extend the study until the end of the Release, i.e. SA#95-e in March 2022.
  + 2) To be open to new key topics beyond the ones listed in the SID that may be received during SA4#115-e or SA4#116-e, and are obviously agreed.
  + 3) To analyze the workshop input and conclusions for any potential new issues that may arise to be studied.
  + 4) To not initiate any new Rel-17 work on 5G Media Streaming extensions and focus on the completion of ongoing MBS SWG Work Items.
  + 5) To formulate one or several work items for Rel-18 during SA4#117 based on the agreed conclusions from TR 26.804.
  + 6) If a key topic would be concluded during SA4#116-e, and can be converted into a new work item for Rel-18, this may be acceptable.

[**S4-211011**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211011.zip) is agreed with modifications.

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| [S4-211050](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211050.zip) | [FS\_5GMS\_EXT]: Content Preparation: Conclusion and recommendations | Tencent | Iraj Sodagar |

**E-mail Discussion:**

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| [[9.9; 1050; Block B; 24Aug 1200 CEST] pCR 26.804 on [FS\_5GMS-EXT] Content Preparation: Conclusion and recommendations -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;5cea83c7.2108D&S=) | Gabin, Frederic | Mon, 23 Aug 2021 07:00:28 +0000 |
| [Re: [9.9; 1050; Block B; 24Aug 1200 CEST] pCR 26.804 on [FS\_5GMS-EXT] Content Preparation: Conclusion and recommendations -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;f0100187.2108D&S=) | Richard Bradbury | Mon, 23 Aug 2021 10:11:49 +0100 |
| [Re: [9.9; 1050; Block B; 24Aug 1200 CEST] pCR 26.804 on [FS\_5GMS-EXT] Content Preparation: Conclusion and recommendations -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;5238176a.2108D&S=) | Iraj Sodagar | Mon, 23 Aug 2021 12:36:50 +0000 |
| [Re: [9.9; 1050; Block B; 24Aug 1200 CEST] pCR 26.804 on [FS\_5GMS-EXT] Content Preparation: Conclusion and recommendations -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;b794409b.2108D&S=) | Imed Bouazizi | Tue, 24 Aug 2021 04:20:58 +0000 |
| [Re: [9.9; 1050; Block B; 24Aug 1200 CEST] pCR 26.804 on [FS\_5GMS-EXT] Content Preparation: Conclusion and recommendations -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;11c00d17.2108D&S=) | Iraj Sodagar | Tue, 24 Aug 2021 05:47:42 +0000 |
| [Re: [9.9; 1050; Block B; 24Aug 1200 CEST] pCR 26.804 on [FS\_5GMS-EXT] Content Preparation: Conclusion and recommendations -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;25bf60c7.2108D&S=) | Gabin, Frederic | Tue, 24 Aug 2021 10:57:42 +0000 |

**Online Presenter: Iraj Sodagar**

**Online Discussion:**

* BBC version was presented.
* Imed: I agree with the 1st part. For the 2nd, I don’t think uplink and downlink need to be connected.
* Iraj: OK to remove the TS 26.512 bullet.

**Decision:**

* Revised to 1238 according to the onlie modifications. 1238 is agreed without presentation.

[**S4-211050**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211050.zip) is revised to [S4-211238](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211238.zip).

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| [S4-211](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211050.zip)238 | [FS\_5GMS\_EXT]: Content Preparation: Conclusion and recommendations | Tencent | Iraj Sodagar |

**E-mail Discussion:**

See [S4-211050](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211050.zip).

**Decision:**

* Agreed without presentation.

[**S4-211238**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211238.zip) is agreed.

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| [S4-211079](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211079.zip) | Update to Potential solution for Background Data Transfer in 5GMS | Qualcomm Incorporated | Imed Bouazizi |

**E-mail Discussion:**

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| [[9.9; 1079; Block B; 24Aug 1200 CEST] pCR 26.804 on [FS\_5GMS-EXT] Potential Solutions for Background Data Transfer -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;9013b55e.2108D&S=) | Gabin, Frederic | Mon, 23 Aug 2021 07:00:37 +0000 |
| [Re: [9.9; 1079; Block B; 24Aug 1200 CEST] pCR 26.804 on [FS\_5GMS-EXT] Potential Solutions for Background Data Transfer -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;134e6496.2108D&S=) | Richard Bradbury | Mon, 23 Aug 2021 10:26:45 +0100 |
| [Re: [9.9; 1079; Block B; 24Aug 1200 CEST] pCR 26.804 on [FS\_5GMS-EXT] Potential Solutions for Background Data Transfer -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;56000b1a.2108D&S=) | Imed Bouazizi | Tue, 24 Aug 2021 04:32:10 +0000 |
| [Re: [9.9; 1079; Block B; 24Aug 1200 CEST] pCR 26.804 on [FS\_5GMS-EXT] Potential Solutions for Background Data Transfer -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;ab128055.2108D&S=) | Thorsten Lohmar | Tue, 24 Aug 2021 07:24:44 +0000 |
| [Re: [9.9; 1079; Block B; 24Aug 1200 CEST] pCR 26.804 on [FS\_5GMS-EXT] Potential Solutions for Background Data Transfer -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;fea6197c.2108D&S=) | Richard Bradbury | Tue, 24 Aug 2021 12:56:27 +0100 |
| [Re: [9.9; 1079; Block B; 24Aug 1200 CEST] pCR 26.804 on [FS\_5GMS-EXT] Potential Solutions for Background Data Transfer -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;b378f51c.2108D&S=) | Gabin, Frederic | Tue, 24 Aug 2021 10:59:46 +0000 |
| [Re: [9.9; 1079; Block B; 24Aug 1200 CEST] pCR 26.804 on [FS\_5GMS-EXT] Potential Solutions for Background Data Transfer -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;6e960f53.2108D&S=) | Imed Bouazizi | Thu, 26 Aug 2021 03:55:50 +0000 |
| [Re: [9.9; 1079; Block B; 24Aug 1200 CEST] pCR 26.804 on [FS\_5GMS-EXT] Potential Solutions for Background Data Transfer -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;e321e1eb.2108D&S=) | Imed Bouazizi | Thu, 26 Aug 2021 12:23:03 +0000 |

**Online Presenter: Imed Bouazizi, Qualcomm**

**Online Discussion:**

* r01 Ericsson version was presented.
* Thorsten: It should be clearer it is one of the proposed solutions. We could add call flows.
* Imed: We have a call flow section. But OK, we need some reorganizations.
* r03 version was presented.
* Thorsten: good idea to use BDT, but it may not be the only solution
* Thorsten: I noted a typo in step 4.

**Decision:**

* Revised to 1272. 1272 is agreed without presentation.

[**S4-211079**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211079.zip) is revised to [S4-211272](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211272.zip).

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| [S4-211](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211079.zip)272 | Update to Potential solution for Background Data Transfer in 5GMS | Qualcomm Incorporated | Imed Bouazizi |

**E-mail Discussion:**

See [S4-211079](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211079.zip).

**Decision:**

* Agreed without presentation.

[**S4-211079**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211079.zip) is agreed.

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| [S4-211096](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211096.zip) | [FS\_5GMS\_EXT]: Uplink streaming: Contribution reporting | Tencent | Iraj Sodagar |

**E-mail Discussion:**

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| [[9.9; 1096; Block B; 24Aug 1200 CEST] pCR 26.804 on [FS\_5GMS-EXT] Uplink Streaming: Contribution Reporting -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;e424e86b.2108D&S=) | Gabin, Frederic | Mon, 23 Aug 2021 07:00:45 +0000 |
| [Re: [9.9; 1096; Block B; 24Aug 1200 CEST] pCR 26.804 on [FS\_5GMS-EXT] Uplink Streaming: Contribution Reporting -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;f57a763.2108D&S=) | Richard Bradbury | Mon, 23 Aug 2021 10:41:49 +0100 |
| [Re: [9.9; 1096; Block B; 24Aug 1200 CEST] pCR 26.804 on [FS\_5GMS-EXT] Uplink Streaming: Contribution Reporting -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;31a59542.2108D&S=) | Charles Lo | Mon, 23 Aug 2021 17:47:41 +0000 |
| [Re: [9.9; 1096; Block B; 24Aug 1200 CEST] pCR 26.804 on [FS\_5GMS-EXT] Uplink Streaming: Contribution Reporting -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;b506decc.2108D&S=) | Iraj Sodagar | Mon, 23 Aug 2021 20:02:24 +0000 |
| [Re: [9.9; 1096; Block B; 24Aug 1200 CEST] pCR 26.804 on [FS\_5GMS-EXT] Uplink Streaming: Contribution Reporting -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;94ed6f7d.2108D&S=) | Thorsten Lohmar | Mon, 23 Aug 2021 20:05:46 +0000 |
| [Re: [9.9; 1096; Block B; 24Aug 1200 CEST] pCR 26.804 on [FS\_5GMS-EXT] Uplink Streaming: Contribution Reporting -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;c23e863e.2108D&S=) | Thomas Stockhammer | Mon, 23 Aug 2021 20:10:24 +0000 |
| [Re: [9.9; 1096; Block B; 24Aug 1200 CEST] pCR 26.804 on [FS\_5GMS-EXT] Uplink Streaming: Contribution Reporting -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;f755492.2108D&S=) | Iraj Sodagar | Mon, 23 Aug 2021 21:01:51 +0000 |
| [Re: [9.9; 1096; Block B; 24Aug 1200 CEST] pCR 26.804 on [FS\_5GMS-EXT] Uplink Streaming: Contribution Reporting -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;6f0c3084.2108D&S=) | Thomas Stockhammer | Mon, 23 Aug 2021 21:08:39 +0000 |
| [Re: [9.9; 1096; Block B; 24Aug 1200 CEST] pCR 26.804 on [FS\_5GMS-EXT] Uplink Streaming: Contribution Reporting -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;c0d288d2.2108D&S=) | Iraj Sodagar | Mon, 23 Aug 2021 23:42:03 +0000 |
| [Re: [9.9; 1096; Block B; 24Aug 1200 CEST] pCR 26.804 on [FS\_5GMS-EXT] Uplink Streaming: Contribution Reporting -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;62dae959.2108D&S=) | Charles Lo | Tue, 24 Aug 2021 00:32:21 +0000 |
| [Re: [9.9; 1096; Block B; 24Aug 1200 CEST] pCR 26.804 on [FS\_5GMS-EXT] Uplink Streaming: Contribution Reporting -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;3c3d6410.2108D&S=) | Iraj Sodagar | Tue, 24 Aug 2021 01:35:42 +0000 |
| [Re: [9.9; 1096; Block B; 24Aug 1200 CEST] pCR 26.804 on [FS\_5GMS-EXT] Uplink Streaming: Contribution Reporting -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;2e37f098.2108D&S=) | Gabin, Frederic | Tue, 24 Aug 2021 11:02:05 +0000 |

**Decision:**

* No consensus. 1096 noted via emails.

[**S4-211096**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211096.zip) is noted.

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| [S4-211097](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211097.zip) | [FS\_5GMS\_EXT]: Uplink streaming: Metric reporting | Tencent | Iraj Sodagar |

**E-mail Discussion:**

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| [[9.9; 1097; Block B; 24Aug 1200 CEST] pCR 26.804 on [FS\_5GMS-EXT] Uplink Streaming: Metric Reporting-> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;272e8267.2108D&S=) | Gabin, Frederic | Mon, 23 Aug 2021 07:00:51 +0000 |
| [Re: [9.9; 1097; Block B; 24Aug 1200 CEST] pCR 26.804 on [FS\_5GMS-EXT] Uplink Streaming: Metric Reporting-> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;4861cb8a.2108D&S=) | Richard Bradbury | Mon, 23 Aug 2021 10:48:30 +0100 |
| [Re: [9.9; 1097; Block B; 24Aug 1200 CEST] pCR 26.804 on [FS\_5GMS-EXT] Uplink Streaming: Metric Reporting-> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;7d56ed76.2108D&S=) | Gunnar Heikkilä | Mon, 23 Aug 2021 10:05:47 +0000 |
| [Re: [9.9; 1097; Block B; 24Aug 1200 CEST] pCR 26.804 on [FS\_5GMS-EXT] Uplink Streaming: Metric Reporting-> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;282bd78.2108D&S=) | Iraj Sodagar | Mon, 23 Aug 2021 21:52:29 +0000 |
| [Re: [9.9; 1097; Block B; 24Aug 1200 CEST] pCR 26.804 on [FS\_5GMS-EXT] Uplink Streaming: Metric Reporting-> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;de4aa71f.2108D&S=) | Charles Lo | Tue, 24 Aug 2021 01:03:36 +0000 |
| [Re: [9.9; 1097; Block B; 24Aug 1200 CEST] pCR 26.804 on [FS\_5GMS-EXT] Uplink Streaming: Metric Reporting-> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;ac9c1de3.2108D&S=) | Iraj Sodagar | Tue, 24 Aug 2021 01:42:59 +0000 |
| [Re: [9.9; 1097; Block B; 24Aug 1200 CEST] pCR 26.804 on [FS\_5GMS-EXT] Uplink Streaming: Metric Reporting-> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;3405b5ba.2108D&S=) | Iraj Sodagar | Tue, 24 Aug 2021 04:00:20 +0000 |
| [Re: [9.9; 1097; Block B; 24Aug 1200 CEST] pCR 26.804 on [FS\_5GMS-EXT] Uplink Streaming: Metric Reporting-> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;67eab580.2108D&S=) | Iraj Sodagar | Tue, 24 Aug 2021 19:09:27 +0000 |
| [Re: [9.9; 1097; Block B; 24Aug 1200 CEST] pCR 26.804 on [FS\_5GMS-EXT] Uplink Streaming: Metric Reporting-> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;18f99230.2108D&S=) | Charles Lo | Tue, 24 Aug 2021 18:43:08 +0000 |
| [Re: [9.9; 1097; Block B; 24Aug 1200 CEST] pCR 26.804 on [FS\_5GMS-EXT] Uplink Streaming: Metric Reporting-> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;ed92a6ff.2108D&S=) | Iraj Sodagar | Tue, 24 Aug 2021 15:42:12 +0000 |
| [Re: [9.9; 1097; Block B; 24Aug 1200 CEST] pCR 26.804 on [FS\_5GMS-EXT] Uplink Streaming: Metric Reporting-> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;5f14a627.2108D&S=) | Gabin, Frederic | Tue, 24 Aug 2021 11:05:36 +0000 |
| [Re: [9.9; 1097; Block B; 24Aug 1200 CEST] pCR 26.804 on [FS\_5GMS-EXT] Uplink Streaming: Metric Reporting-> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;a7672a4.2108D&S=) | Richard Bradbury | Wed, 25 Aug 2021 09:55:32 +0100 |

**Online Presenter: Iraj Sodagard, Tencent**

**Online Discussion:**

* r01 was presented.
* None

**Decision:**

* Revised according to r01 to 1239.

[**S4-211097**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211097.zip) is revised to 1239.

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| [S4-21](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211097.zip)1239 | [FS\_5GMS\_EXT]: Uplink streaming: Metric reporting | Tencent | Iraj Sodagar |

**E-mail Discussion:**

See [S4-211097](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211097.zip).

**Online Presenter: Iraj Sodagar, Tencent**

**Online Discussion:**

* Richard: Maybe the editor can take care of the formating.
* Thorsten: Yes.

**Decision:**

* Agreed.

[**S4-211239**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211239.zip) is agreed.

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| [S4-211098](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211098.zip) | [FS\_5GMS\_EXT]: Uplink streaming: Conclusion and recommendations | Tencent | Iraj Sodagar |

**E-mail Discussion:**

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| [[9.9; 1098; Block B; 24Aug 1200 CEST] pCR 26.804 on [FS\_5GMS-EXT] Uplink streaming: Conclusion and recommendations -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;5b1db144.2108D&S=) | Gabin, Frederic | Mon, 23 Aug 2021 07:01:00 +0000 |
| [Re: [9.9; 1098; Block B; 24Aug 1200 CEST] pCR 26.804 on [FS\_5GMS-EXT] Uplink streaming: Conclusion and recommendations -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;1b2c185.2108D&S=) | Richard Bradbury | Mon, 23 Aug 2021 10:55:12 +0100 |
| [Re: [9.9; 1098; Block B; 24Aug 1200 CEST] pCR 26.804 on [FS\_5GMS-EXT] Uplink streaming: Conclusion and recommendations -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;8faf5f02.2108D&S=) | Iraj Sodagar | Mon, 23 Aug 2021 21:58:43 +0000 |
| [Re: [9.9; 1098; Block B; 24Aug 1200 CEST] pCR 26.804 on [FS\_5GMS-EXT] Uplink streaming: Conclusion and recommendations -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;54ff8d69.2108D&S=) | Iraj Sodagar | Tue, 24 Aug 2021 17:25:46 +0000 |
| [Re: [9.9; 1098; Block B; 24Aug 1200 CEST] pCR 26.804 on [FS\_5GMS-EXT] Uplink streaming: Conclusion and recommendations -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;518c7fd8.2108D&S=) | Gabin, Frederic | Tue, 24 Aug 2021 11:08:03 +0000 |
| [Re: [9.9; 1098; Block B; 24Aug 1200 CEST] pCR 26.804 on [FS\_5GMS-EXT] Uplink streaming: Conclusion and recommendations -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;bada4698.2108D&S=) | Richard Bradbury | Wed, 25 Aug 2021 09:46:41 +0100 |
| [Re: [9.9; 1098; Block B; 24Aug 1200 CEST] pCR 26.804 on [FS\_5GMS-EXT] Uplink streaming: Conclusion and recommendations -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;83522425.2108D&S=) | Thomas Stockhammer | Wed, 25 Aug 2021 12:36:20 +0000 |
| [Re: [9.9; 1098; Block B; 24Aug 1200 CEST] pCR 26.804 on [FS\_5GMS-EXT] Uplink streaming: Conclusion and recommendations -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;c2e6e3ab.2108D&S=) | Iraj Sodagar | Wed, 25 Aug 2021 17:39:58 +0000 |
| [Re: [9.9; 1098; Block B; 24Aug 1200 CEST] pCR 26.804 on [FS\_5GMS-EXT] Uplink streaming: Conclusion and recommendations -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;a8e486ce.2108D&S=) | Thomas Stockhammer | Wed, 25 Aug 2021 17:59:49 +0000 |
| [Re: [9.9; 1098; Block B; 24Aug 1200 CEST] pCR 26.804 on [FS\_5GMS-EXT] Uplink streaming: Conclusion and recommendations -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;2950cf94.2108D&S=) | Richard Bradbury | Wed, 25 Aug 2021 19:32:25 +0100 |
| [Re: [9.9; 1098; Block B; 24Aug 1200 CEST] pCR 26.804 on [FS\_5GMS-EXT] Uplink streaming: Conclusion and recommendations -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;60c1daed.2108D&S=) | Iraj Sodagar | Thu, 26 Aug 2021 05:29:01 +0000 |

**Online Presenter: Iraj Sodagar, Tencent**

**Online Discussion:**

* BBC version was presented.
* Charles: questioning items 6 and 7
* Frédéric: 6 and 7) have to go away.
* Thomas: In 1) which collaboration scenario and call flows?
* Iraj: Those in this TR.
* Thorsten: Let’s focus on conclusions rather than extensions; should not jump ahead into extensions as opposed to identifying the gaps and then decide whether to fulfill those gaps
* Iraj: Then list the gaps and reformulate the bullets on suggested extensions to remove words like include, define, develop, etc.
* Frederic provided online editing per Iraj’s suggested wording
* Richard: on item 5 - should be for AS to signal entry points to the client and not the other way around as currently shown.
* r02 was presented.

**Decision:**

* Revised to 1273 according to r02. 1273 is agreed without presentation.

[**S4-211098**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211098.zip) is revised to [S4-211273](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211273.zip).

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| [S4-211](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211098.zip)273 | [FS\_5GMS\_EXT]: Uplink streaming: Conclusion and recommendations | Tencent | Iraj Sodagar |

**E-mail Discussion:**

See [S4-211098](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211098.zip).

**Decision:**

* Agreed without presentation.

[**S4-211273**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211273.zip) is agreed.

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| [S4-211108](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211108.zip) | [FS\_5GMS\_EXT] New Transport Protocols - Conclusions and Recommendations | Tencent | Spencer Dawkins |

**E-mail Discussion:**

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| [[9.9; 1108; Block B; 24Aug 1200 CEST] pCR 26.804 on [FS\_5GMS-EXT] New Transport Protocols - Conclusions and Recommendations -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;5e88f197.2108D&S=) | Gabin, Frederic | Mon, 23 Aug 2021 07:01:07 +0000 |
| [Re: [9.9; 1108; Block B; 24Aug 1200 CEST] pCR 26.804 on [FS\_5GMS-EXT] New Transport Protocols - Conclusions and Recommendations -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;f0bfa58f.2108D&S=) | Richard Bradbury | Mon, 23 Aug 2021 10:58:06 +0100 |
| [Re: [9.9; 1108; Block B; 24Aug 1200 CEST] pCR 26.804 on [FS\_5GMS-EXT] New Transport Protocols - Conclusions and Recommendations -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;5c1b9dc6.2108D&S=) | Spencer Dawkins at Tencent | Mon, 23 Aug 2021 21:19:45 -0500 |
| [Re: [9.9; 1108; Block B; 24Aug 1200 CEST] pCR 26.804 on [FS\_5GMS-EXT] New Transport Protocols - Conclusions and Recommendations -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;5a979495.2108D&S=) | Spencer Dawkins at Tencent | Tue, 24 Aug 2021 23:43:44 -0500 |
| [Re: [9.9; 1108; Block B; 24Aug 1200 CEST] pCR 26.804 on [FS\_5GMS-EXT] New Transport Protocols - Conclusions and Recommendations -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;1efaf1fa.2108D&S=) | Spencer Dawkins at Tencent | Tue, 24 Aug 2021 07:09:49 -0500 |
| [Re: [9.9; 1108; Block B; 24Aug 1200 CEST] pCR 26.804 on [FS\_5GMS-EXT] New Transport Protocols - Conclusions and Recommendations -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;8a4accec.2108D&S=) | Spencer Dawkins at Tencent | Tue, 24 Aug 2021 06:51:29 -0500 |
| [Re: [9.9; 1108; Block B; 24Aug 1200 CEST] pCR 26.804 on [FS\_5GMS-EXT] New Transport Protocols - Conclusions and Recommendations -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;2fd386a3.2108D&S=) | Richard Bradbury | Tue, 24 Aug 2021 12:35:01 +0100 |
| [Re: [9.9; 1108; Block B; 24Aug 1200 CEST] pCR 26.804 on [FS\_5GMS-EXT] New Transport Protocols - Conclusions and Recommendations -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;33183d11.2108D&S=) | Gabin, Frederic | Tue, 24 Aug 2021 11:10:35 +0000 |
| [Re: [9.9; 1108; Block B; 24Aug 1200 CEST] pCR 26.804 on [FS\_5GMS-EXT] New Transport Protocols - Conclusions and Recommendations -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;538fb2df.2108D&S=) | Thomas Stockhammer | Tue, 24 Aug 2021 09:14:26 +0000 |
| [Re: [9.9; 1108; Block B; 24Aug 1200 CEST] pCR 26.804 on [FS\_5GMS-EXT] New Transport Protocols - Conclusions and Recommendations -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;b17684d8.2108D&S=) | Thorsten Lohmar | Tue, 24 Aug 2021 09:12:14 +0000 |
| [Re: [9.9; 1108; Block B; 24Aug 1200 CEST] pCR 26.804 on [FS\_5GMS-EXT] New Transport Protocols - Conclusions and Recommendations -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;5cb7dc74.2108D&S=) | Spencer Dawkins at Tencent | Wed, 25 Aug 2021 09:57:19 -0500 |
| [Re: [9.9; 1108; Block B; 24Aug 1200 CEST] pCR 26.804 on [FS\_5GMS-EXT] New Transport Protocols - Conclusions and Recommendations -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;925ffeac.2108D&S=) | Richard Bradbury | Wed, 25 Aug 2021 15:01:23 +0100 |
| [Re: [9.9; 1108; Block B; 24Aug 1200 CEST] pCR 26.804 on [FS\_5GMS-EXT] New Transport Protocols - Conclusions and Recommendations -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;67f70e1c.2108D&S=) | Spencer Dawkins at Tencent | Wed, 25 Aug 2021 08:14:31 -0500 |
| [Re: [9.9; 1108; Block B; 24Aug 1200 CEST] pCR 26.804 on [FS\_5GMS-EXT] New Transport Protocols - Conclusions and Recommendations -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;f0a9f459.2108D&S=) | Richard Bradbury | Wed, 25 Aug 2021 10:57:00 +0100 |

**Online Presenter: Spencer Dawkins, Tencent**

**Online Discussion:**

* BBC QC version was presented.
* Spencer: Section 5.4.3, should I add a 2nd scenario that Richard suggested, showing a connection that is first established via HTTP/1.1 over TCP and then client asks whether server can support HTTP/3 over QUIC, using ALPN to upgrade the protocol version?
* Richard: Yes.
* Thomas: In 5.4.6.1, I don’t understand why we bring SRT, RTP and RUSH here. We have MPEG-DASH and HLS in downlink streaming now, but nothing over RTP or other non-HTTP protocols. The non-HTTP protocols should be removed from the chart in 5.4.6.1.
* Spencer: OK, I understand, I will reflect your comments in r01.
* Richard: In the table, the protocols listed for 1 or 2 are for downlink. Will uplink be managed in this study?
* Thomas: If these uplink protocols are broadly used, we need to study impacts. I think this study should happen here.
* Frédéric: Maybe we could reference one of the uplink scenarios. An empty clause on uplink would be ok.
* Spencer: I will add clauses for uplink, and will prepare an \_r01 version that reflects these helpful and actionable comments. Thank you, everyone.
* r02 version was presented.
* Thorsten: The document talks about HTTP/3, QUIC, HTTP/3-QUIC. Are these all separate RFCs?
* Spencer: The HTTP/3 RFC is using multiple RFCs that together define the QUIC protocol. We could be using QUIC for other protocols in SA4, but for 5MBS\_EXT I believe we will always be using HTTP/3. I can make this by putting HTTP/3 everywhere, after the Description clause.
* Richard: QUIC is a kind of layer 4. HTTP/3 is layer 7. HTTP/3 is always using QUIC but QUIC can have different things on top of it.
* Spencer: thanks Thorsten for the question - this is worth clarifying, because the clarified text will be clearer for other readers as well.

**Decision:**

* Revised to 1274. 1274 is agreed without presentation.

[**S4-211108**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211108.zip) is revised to [S4-211274](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211274.zip).

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| [S4-211](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211108.zip)274 | [FS\_5GMS\_EXT] New Transport Protocols - Conclusions and Recommendations | Tencent | Spencer Dawkins |

**E-mail Discussion:**

See [S4-211108](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211108.zip).

**Decision:**

* Agreed without presentation.

[**S4-211274**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211274.zip) is agreed.

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| [S4-211123](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211123.zip) | [FS\_5GMS\_EXT] Updated Workplan | Tencent | Iraj Sodagar |

**E-mail Discussion:**

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| [S4-211123](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211123.zip) | Iraj Sodagar | Wed, 25 Aug 2021 01:08:10 +0000 |
| [S4-211123](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211123.zip) | Thomas Stockhammer | Wed, 25 Aug 2021 04:46:18 +0000 |
| [S4-211123](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211123.zip) | Gabin, Frederic | Wed, 25 Aug 2021 05:42:12 +0000 |
| [S4-211123](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211123.zip) | Iraj Sodagar | Wed, 25 Aug 2021 16:54:58 +0000 |

**Decision:**

* 1123 will be reviewed during the plenary.

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| [S4-211161](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211161.zip) | [FS\_5GMS\_EXT] Proposal of Candidate Solutions for ToS based traffic detection | Ericsson LM | Bo Burman |

**E-mail Discussion:**

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| [[9.9; 1161; Block B; 24Aug 1200 CEST] pCR 26.804 on [FS\_5GMS\_EXT] Proposal of Candidate Solutions for ToS based traffic detection -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;f0ed976d.2108D&S=) | Gabin, Frederic | Mon, 23 Aug 2021 07:01:13 +0000 |
| [Re: [9.9; 1161; Block B; 24Aug 1200 CEST] pCR 26.804 on [FS\_5GMS\_EXT] Proposal of Candidate Solutions for ToS based traffic detection -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;17efa1c5.2108D&S=) | panqi (E) | Mon, 23 Aug 2021 10:26:53 +0000 |
| [Re: [9.9; 1161; Block B; 24Aug 1200 CEST] pCR 26.804 on [FS\_5GMS\_EXT] Proposal of Candidate Solutions for ToS based traffic detection -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;7dbc617b.2108D&S=) | Richard Bradbury | Mon, 23 Aug 2021 13:26:23 +0100 |
| [Re: [9.9; 1161; Block B; 24Aug 1200 CEST] pCR 26.804 on [FS\_5GMS\_EXT] Proposal of Candidate Solutions for ToS based traffic detection -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;1b7cb909.2108D&S=) | Thorsten Lohmar | Mon, 23 Aug 2021 20:33:20 +0000 |
| [Re: [9.9; 1161; Block B; 24Aug 1200 CEST] pCR 26.804 on [FS\_5GMS\_EXT] Proposal of Candidate Solutions for ToS based traffic detection -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;d23599e5.2108D&S=) | Imed Bouazizi | Tue, 24 Aug 2021 04:08:00 +0000 |
| [Re: [9.9; 1161; Block B; 24Aug 1200 CEST] pCR 26.804 on [FS\_5GMS\_EXT] Proposal of Candidate Solutions for ToS based traffic detection -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;539e111b.2108D&S=) | panqi (E) | Tue, 24 Aug 2021 06:05:08 +0000 |
| [Re: [9.9; 1161; Block B; 24Aug 1200 CEST] pCR 26.804 on [FS\_5GMS\_EXT] Proposal of Candidate Solutions for ToS based traffic detection -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;5dc1ed87.2108D&S=) | Richard Bradbury | Tue, 24 Aug 2021 13:23:47 +0100 |
| [Re: [9.9; 1161; Block B; 24Aug 1200 CEST] pCR 26.804 on [FS\_5GMS\_EXT] Proposal of Candidate Solutions for ToS based traffic detection -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;f3ebd61c.2108D&S=) | Thorsten Lohmar | Tue, 24 Aug 2021 11:38:29 +0000 |
| [Re: [9.9; 1161; Block B; 24Aug 1200 CEST] pCR 26.804 on [FS\_5GMS\_EXT] Proposal of Candidate Solutions for ToS based traffic detection -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;13ec76bb.2108D&S=) | Gabin, Frederic | Tue, 24 Aug 2021 11:12:19 +0000 |
| [Re: [9.9; 1161; Block B; 24Aug 1200 CEST] pCR 26.804 on [FS\_5GMS\_EXT] Proposal of Candidate Solutions for ToS based traffic detection -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;2ae5121f.2108D&S=) | Thorsten Lohmar | Tue, 24 Aug 2021 09:53:15 +0000 |
| [Re: [9.9; 1161; Block B; 24Aug 1200 CEST] pCR 26.804 on [FS\_5GMS\_EXT] Proposal of Candidate Solutions for ToS based traffic detection -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;29fd1a5a.2108D&S=) | Thorsten Lohmar | Tue, 24 Aug 2021 09:47:16 +0000 |
| [Re: [9.9; 1161; Block B; 24Aug 1200 CEST] pCR 26.804 on [FS\_5GMS\_EXT] Proposal of Candidate Solutions for ToS based traffic detection -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;94d92b00.2108D&S=) | Richard Bradbury | Wed, 25 Aug 2021 19:26:23 +0100 |
| [Re: [9.9; 1161; Block B; 24Aug 1200 CEST] pCR 26.804 on [FS\_5GMS\_EXT] Proposal of Candidate Solutions for ToS based traffic detection -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;b42f403a.2108D&S=) | Thorsten Lohmar | Wed, 25 Aug 2021 16:43:52 +0000 |
| [IRE: [9.9; 1161; Block B; 24Aug 1200 CEST] pCR 26.804 on [FS\_5GMS\_EXT] Proposal of Candidate Solutions for ToS based traffic detection -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;f00f3482.2108D&S=) | panqi (E) | Thu, 26 Aug 2021 07:05:41 +0000 |
| [Re: [9.9; 1161; Block B; 24Aug 1200 CEST] pCR 26.804 on [FS\_5GMS\_EXT] Proposal of Candidate Solutions for ToS based traffic detection -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;8a571671.2108D&S=) | Thorsten Lohmar | Thu, 26 Aug 2021 08:48:08 +0000 |
| [Re: IRE: [9.9; 1161; Block B; 24Aug 1200 CEST] pCR 26.804 on [FS\_5GMS\_EXT] Proposal of Candidate Solutions for ToS based traffic detection -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;6e9b6fbb.2108D&S=) | Thorsten Lohmar | Thu, 26 Aug 2021 08:48:50 +0000 |
| [Re: IRE: [9.9; 1161; Block B; 24Aug 1200 CEST] pCR 26.804 on [FS\_5GMS\_EXT] Proposal of Candidate Solutions for ToS based traffic detection -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;9765b138.2108D&S=) | Thorsten Lohmar | Thu, 26 Aug 2021 09:03:44 +0000 |
| [Re: IRE: [9.9; 1161; Block B; 24Aug 1200 CEST] pCR 26.804 on [FS\_5GMS\_EXT] Proposal of Candidate Solutions for ToS based traffic detection -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;822c5011.2108D&S=) | panqi (E) | Thu, 26 Aug 2021 09:39:54 +0000 |
| [Re: [9.9; 1161; Block B; 24Aug 1200 CEST] pCR 26.804 on [FS\_5GMS\_EXT] Proposal of Candidate Solutions for ToS based traffic detection -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;9e8a0b9d.2108D&S=) | Richard Bradbury | Thu, 26 Aug 2021 11:27:02 +0100 |
| [Re: IRE: [9.9; 1161; Block B; 24Aug 1200 CEST] pCR 26.804 on [FS\_5GMS\_EXT] Proposal of Candidate Solutions for ToS based traffic detection -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;a2f95b99.2108D&S=) | Thorsten Lohmar | Thu, 26 Aug 2021 11:59:56 +0000 |

**Online Presenter: Thorsten Lohmar, Ericsson**

**Online Discussion:**

* r01 was presented.
* Thorsten: We have to find a new term to describe UE subfunction. Would “modem” be OK?
* Frédéric: Modem is not present in the 5G architecture. We could indicate the layer of the UE.
* Qi: It’s the SDAP layer in the UE that identifies TCP SYNC/ACK (??)
* Qi: QoS rules can be contained in packet filter which covers 5-tuple and ToS
* Thorsten: can add a section that instead of reflective QoS can have SMF send the QoS rules to both UE and UPF.
* r04 was presented.
* Richard: There are 2 clauses 5.3.6.3. This has to be managed by the editor.

**Decision:**

* Revised to 1275. 1275 is agreed without presentation.

[**S4-211161**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211161.zip) is revised to [S4-211275](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211275.zip).

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| [S4-211](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211161.zip)275 | [FS\_5GMS\_EXT] Proposal of Candidate Solutions for ToS based traffic detection | Ericsson LM | Bo Burman |

**E-mail Discussion:**

See [S4-211161](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211161.zip).

**Decision:**

* Agreed without presentation.

[**S4-211275**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211275.zip) is agreed.

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| [S4-211174](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211174.zip) | Network Slicing Extensions for 5G Media Streaming | Samsung Electronics Co., Ltd., Qualcomm Incorporated | Prakash Kolan |

**E-mail Discussion:**

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| [[9.9; 1174; Block B; 24Aug 1200 CEST] pCR 26.804 on [FS\_5GMS\_EXT] Network Slicing Extensions for 5G Media Streaming -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;6429eddd.2108D&S=) | Gabin, Frederic | Mon, 23 Aug 2021 07:01:19 +0000 |
| [Re: [9.9; 1174; Block B; 24Aug 1200 CEST] pCR 26.804 on [FS\_5GMS\_EXT] Network Slicing Extensions for 5G Media Streaming -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;9e154222.2108D&S=) | panqi (E) | Mon, 23 Aug 2021 10:29:29 +0000 |
| [Re: [9.9; 1174; Block B; 24Aug 1200 CEST] pCR 26.804 on [FS\_5GMS\_EXT] Network Slicing Extensions for 5G Media Streaming -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;de5a8c8.2108D&S=) | Richard Bradbury | Mon, 23 Aug 2021 13:29:30 +0100 |
| [Re: [9.9; 1174; Block B; 24Aug 1200 CEST] pCR 26.804 on [FS\_5GMS\_EXT] Network Slicing Extensions for 5G Media Streaming -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;ae22419a.2108D&S=) | Prakash Kolan | Mon, 23 Aug 2021 17:47:43 +0000 |
| [Re: [9.9; 1174; Block B; 24Aug 1200 CEST] pCR 26.804 on [FS\_5GMS\_EXT] Network Slicing Extensions for 5G Media Streaming -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;340b3e2a.2108D&S=) | Prakash Kolan | Mon, 23 Aug 2021 17:54:00 +0000 |
| [Re: [9.9; 1174; Block B; 24Aug 1200 CEST] pCR 26.804 on [FS\_5GMS\_EXT] Network Slicing Extensions for 5G Media Streaming -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;464d35d5.2108D&S=) | Thorsten Lohmar | Mon, 23 Aug 2021 19:58:26 +0000 |
| [Re: [9.9; 1174; Block B; 24Aug 1200 CEST] pCR 26.804 on [FS\_5GMS\_EXT] Network Slicing Extensions for 5G Media Streaming -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;e80b36c7.2108D&S=) | Prakash Kolan | Tue, 24 Aug 2021 03:07:08 +0000 |
| [Re: [9.9; 1174; Block B; 24Aug 1200 CEST] pCR 26.804 on [FS\_5GMS\_EXT] Network Slicing Extensions for 5G Media Streaming -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;339d69.2108D&S=) | Prakash Kolan | Tue, 24 Aug 2021 03:10:16 +0000 |
| [Re: [9.9; 1174; Block B; 24Aug 1200 CEST] pCR 26.804 on [FS\_5GMS\_EXT] Network Slicing Extensions for 5G Media Streaming -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;fa490522.2108D&S=) | panqi (E) | Tue, 24 Aug 2021 06:44:07 +0000 |
| [Re: [9.9; 1174; Block B; 24Aug 1200 CEST] pCR 26.804 on [FS\_5GMS\_EXT] Network Slicing Extensions for 5G Media Streaming -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;680b013.2108D&S=) | panqi (E) | Wed, 25 Aug 2021 03:16:17 +0000 |
| [Re: [9.9; 1174; Block B; 24Aug 1200 CEST] pCR 26.804 on [FS\_5GMS\_EXT] Network Slicing Extensions for 5G Media Streaming -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;43edab07.2108D&S=) | Prakash Kolan | Wed, 25 Aug 2021 02:59:52 +0000 |
| [Re: [9.9; 1174; Block B; 24Aug 1200 CEST] pCR 26.804 on [FS\_5GMS\_EXT] Network Slicing Extensions for 5G Media Streaming -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;14c182fb.2108D&S=) | Charles Lo | Tue, 24 Aug 2021 23:37:39 +0000 |
| [Re: [9.9; 1174; Block B; 24Aug 1200 CEST] pCR 26.804 on [FS\_5GMS\_EXT] Network Slicing Extensions for 5G Media Streaming -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;96d33342.2108D&S=) | Prakash Kolan | Tue, 24 Aug 2021 22:58:54 +0000 |
| [Re: [9.9; 1174; Block B; 24Aug 1200 CEST] pCR 26.804 on [FS\_5GMS\_EXT] Network Slicing Extensions for 5G Media Streaming -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;923e75d.2108D&S=) | Charles Lo | Tue, 24 Aug 2021 13:28:34 +0000 |
| [Re: [9.9; 1174; Block B; 24Aug 1200 CEST] pCR 26.804 on [FS\_5GMS\_EXT] Network Slicing Extensions for 5G Media Streaming -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;e14fe520.2108D&S=) | Richard Bradbury | Tue, 24 Aug 2021 13:59:02 +0100 |
| [Re: [9.9; 1174; Block B; 24Aug 1200 CEST] pCR 26.804 on [FS\_5GMS\_EXT] Network Slicing Extensions for 5G Media Streaming -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;34f88e3a.2108D&S=) | Gabin, Frederic | Tue, 24 Aug 2021 11:13:43 +0000 |
| [Re: [9.9; 1174; Block B; 24Aug 1200 CEST] pCR 26.804 on [FS\_5GMS\_EXT] Network Slicing Extensions for 5G Media Streaming -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;8f069555.2108D&S=) | Charles Lo | Wed, 25 Aug 2021 17:24:38 +0000 |
| [Re: [9.9; 1174; Block B; 24Aug 1200 CEST] pCR 26.804 on [FS\_5GMS\_EXT] Network Slicing Extensions for 5G Media Streaming -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;4779df46.2108D&S=) | Prakash Kolan | Wed, 25 Aug 2021 13:51:04 +0000 |
| [Re: [9.9; 1174; Block B; 24Aug 1200 CEST] pCR 26.804 on [FS\_5GMS\_EXT] Network Slicing Extensions for 5G Media Streaming -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;7e8696a.2108D&S=) | Richard Bradbury | Wed, 25 Aug 2021 14:17:54 +0100 |

**Online Presenter: Prakash Kolan**

**Online Discussion:**

* r01 BBC version was presented.
* Charles: About EVEX in table 5.X.1.2-2, EVEX is about UE data collection by AF for exposure to NWDAF. Here you talk about the opposite, collection by the AF from NWDAF.
* Prakash: My intention here is to go beyond EVEX.
* Charles: suggests to clarify the EVEX related description that data collection from NWDAF on slice info is outside scope/objectives of EVEX, but that such function may be considered useful for NWDAF exposing such data to another AF (which is not the Data Collection AF) for data analytics purposes.
* Thorsten: What do you plan to do with network slices?
* Prakash; This corresponds to yellow marks.
* r03 BBC BBC version was presented.

**Decision:**

* Revised to 1276 according to r03 BBC BBC version. 1276 is agreed without presentation.

[**S4-211174**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211174.zip) is revised to [S4-211276](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211276.zip).

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| [S4-211](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211174.zip)276 | Network Slicing Extensions for 5G Media Streaming | Samsung Electronics Co., Ltd., Qualcomm Incorporated | Prakash Kolan |

**E-mail Discussion:**

See [S4-211174](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211174.zip).

**Decision:**

* Agreed without presentation

[**S4-211276**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211276.zip) is agreed.

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| [S4-211](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211065.zip)240 | Draft TR EXT |  |  |

**Decision:**

* 1240 will be reviewed during the plenary.

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

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| [S4-211162](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211162.zip) | [FS\_NPN4AVProd] Clarification of Cloud vs Remote Production | Ericsson LM, BBC, EBU, Sennheiser, Dolby | Bo Burman |

**E-mail Discussion:**

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| [[9.10; 1162; Block B; 25Aug 1200 CEST] pCR 26.805 on [FS\_NPN5AVProd] Clarification of Cloud vs Remote Production -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;7ca7a0ca.2108D&S=) | Gabin, Frederic | Mon, 23 Aug 2021 07:14:24 +0000 |
| [Re: [9.10; 1162; Block B; 25Aug 1200 CEST] pCR 26.805 on [FS\_NPN5AVProd] Clarification of Cloud vs Remote Production -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;fe60b7c9.2108D&S=) | Richard Bradbury | Mon, 23 Aug 2021 15:08:17 +0100 |
| [Re: [9.10; 1162; Block B; 25Aug 1200 CEST] pCR 26.805 on [FS\_NPN5AVProd] Clarification of Cloud vs Remote Production -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;7097722.2108D&S=) | Richard Bradbury | Mon, 23 Aug 2021 15:11:07 +0100 |
| [Re: [9.10; 1162; Block B; 25Aug 1200 CEST] pCR 26.805 on [FS\_NPN5AVProd] Clarification of Cloud vs Remote Production -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;e1a8e50f.2108D&S=) | Richard Bradbury | Mon, 23 Aug 2021 15:43:31 +0100 |
| [Re: [9.10; 1162; Block B; 25Aug 1200 CEST] pCR 26.805 on [FS\_NPN5AVProd] Clarification of Cloud vs Remote Production -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;78d1ec1a.2108D&S=) | Thorsten Lohmar | Tue, 24 Aug 2021 09:17:31 +0000 |
| [Re: [9.10; 1162; Block B; 25Aug 1200 CEST] pCR 26.805 on [FS\_NPN5AVProd] Clarification of Cloud vs Remote Production -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;d8842153.2108D&S=) | Richard Bradbury | Tue, 24 Aug 2021 16:44:55 +0100 |
| [Re: [9.10; 1162; Block B; 25Aug 1200 CEST] pCR 26.805 on [FS\_NPN5AVProd] Clarification of Cloud vs Remote Production -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;58f4e159.2108D&S=) | Thomas Stockhammer | Wed, 25 Aug 2021 08:26:19 +0000 |
| [Re: [9.10; 1162; Block B; 25Aug 1200 CEST] pCR 26.805 on [FS\_NPN5AVProd] Clarification of Cloud vs Remote Production -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;3c8e1ae.2108D&S=) | Gabin, Frederic | Wed, 25 Aug 2021 12:47:23 +0000 |
| [Re: [9.10; 1162; Block B; 25Aug 1200 CEST] pCR 26.805 on [FS\_NPN5AVProd] Clarification of Cloud vs Remote Production -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;999c725e.2108D&S=) | Thorsten Lohmar | Thu, 26 Aug 2021 07:13:48 +0000 |
| [Re: [9.10; 1162; Block B; 25Aug 1200 CEST] pCR 26.805 on [FS\_NPN5AVProd] Clarification of Cloud vs Remote Production -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;a81a7342.2108D&S=) | Thomas Stockhammer | Thu, 26 Aug 2021 07:58:42 +0000 |
| [Re: [9.10; 1162; Block B; 25Aug 1200 CEST] pCR 26.805 on [FS\_NPN5AVProd] Clarification of Cloud vs Remote Production -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;df98f76.2108D&S=) | Richard Bradbury | Thu, 26 Aug 2021 11:12:40 +0100 |

**Online Presenter: Thorsten Lohmar, Ericsson**

**Online Discussion:**

* \_QC version was presented.
* Clarification suggested on QC comments on leveraging edge processing computing that such could be close to production location and is optional; some online changes made accordingly
* Clarification and online changes to flows, latency and bitrate requirements depend on scenario and should be studied
* Frédéric: \_QC and r01 have to be merged.
* Thorsten: OK, I’ll do it.

**Decision:**

* Revised in 1241 to take into account online changes.

[**S4-211162**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211162.zip) is revised to [S4-211241](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211241.zip).

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| [S4-211](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211162.zip)241 | [FS\_NPN4AVProd] Clarification of Cloud vs Remote Production | Ericsson LM, BBC, EBU, Sennheiser, Dolby | Bo Burman |

**E-mail Discussion:**

See [S4-211162](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211162.zip).

**Online Presenter: Thorsten Lohmar, Ericsson**

**Online Discussion:**

* Agreed.

**Decision:**

[**S4-211241**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211241.zip) is agreed.

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| [S4-211163](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211163.zip) | [FS\_NPN4AVProd] Proposal of Media Protocol related Key Issues | Ericsson LM, BBC, EBU, Sennheiser, Dolby | Bo Burman |

**E-mail Discussion:**

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| [[9.10; 1163; Block B; 25Aug 1200 CEST] pCR 26.805 on [FS\_NPN5AVProd] Proposal of Media Protocol related Key Issues -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;f7fa7edc.2108D&S=) | Gabin, Frederic | Mon, 23 Aug 2021 07:14:34 +0000 |
| [Re: [9.10; 1163; Block B; 25Aug 1200 CEST] pCR 26.805 on [FS\_NPN5AVProd] Proposal of Media Protocol related Key Issues -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;3a907426.2108D&S=) | Richard Bradbury | Mon, 23 Aug 2021 15:44:44 +0100 |
| [Re: [9.10; 1163; Block B; 25Aug 1200 CEST] pCR 26.805 on [FS\_NPN5AVProd] Proposal of Media Protocol related Key Issues -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;f26c93cd.2108D&S=) | Charles Lo | Wed, 25 Aug 2021 04:48:58 +0000 |
| [Re: [9.10; 1163; Block B; 25Aug 1200 CEST] pCR 26.805 on [FS\_NPN5AVProd] Proposal of Media Protocol related Key Issues -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;ef8076f1.2108D&S=) | Charles Lo | Wed, 25 Aug 2021 04:34:34 +0000 |
| [Re: [9.10; 1163; Block B; 25Aug 1200 CEST] pCR 26.805 on [FS\_NPN5AVProd] Proposal of Media Protocol related Key Issues -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;b82b6d20.2108D&S=) | Richard Bradbury | Tue, 24 Aug 2021 16:45:27 +0100 |
| [Re: [9.10; 1163; Block B; 25Aug 1200 CEST] pCR 26.805 on [FS\_NPN5AVProd] Proposal of Media Protocol related Key Issues -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;a5e8c7e2.2108D&S=) | Thorsten Lohmar | Tue, 24 Aug 2021 09:22:17 +0000 |
| [Re: [9.10; 1163; Block B; 25Aug 1200 CEST] pCR 26.805 on [FS\_NPN5AVProd] Proposal of Media Protocol related Key Issues -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;3c591559.2108D&S=) | Thomas Stockhammer | Wed, 25 Aug 2021 08:37:23 +0000 |
| [Re: [9.10; 1163; Block B; 25Aug 1200 CEST] pCR 26.805 on [FS\_NPN5AVProd] Proposal of Media Protocol related Key Issues -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;bbd4c3f2.2108D&S=) | Gabin, Frederic | Wed, 25 Aug 2021 12:50:10 +0000 |
| [Re: [9.10; 1163; Block B; 25Aug 1200 CEST] pCR 26.805 on [FS\_NPN5AVProd] Proposal of Media Protocol related Key Issues -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;63255f5c.2108D&S=) | Richard Bradbury | Wed, 25 Aug 2021 14:38:17 +0100 |
| [Re: [9.10; 1163; Block B; 25Aug 1200 CEST] pCR 26.805 on [FS\_NPN5AVProd] Proposal of Media Protocol related Key Issues -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;18781ec.2108D&S=) | Thorsten Lohmar | Thu, 26 Aug 2021 07:30:25 +0000 |
| [Re: [9.10; 1163; Block B; 25Aug 1200 CEST] pCR 26.805 on [FS\_NPN5AVProd] Proposal of Media Protocol related Key Issues -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;7893ea00.2108D&S=) | Thomas Stockhammer | Thu, 26 Aug 2021 08:04:53 +0000 |
| [Re: [9.10; 1163; Block B; 25Aug 1200 CEST] pCR 26.805 on [FS\_NPN5AVProd] Proposal of Media Protocol related Key Issues -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;2b434605.2108D&S=) | Richard Bradbury | Thu, 26 Aug 2021 09:41:22 +0100 |
| [Re: [9.10; 1163; Block B; 25Aug 1200 CEST] pCR 26.805 on [FS\_NPN5AVProd] Proposal of Media Protocol related Key Issues -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;2b0a292a.2108D&S=) | Thorsten Lohmar | Thu, 26 Aug 2021 09:14:56 +0000 |
| [Re: [9.10; 1163; Block B; 25Aug 1200 CEST] pCR 26.805 on [FS\_NPN5AVProd] Proposal of Media Protocol related Key Issues -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;8afd73f6.2108D&S=) | Thomas Stockhammer | Thu, 26 Aug 2021 09:35:43 +0000 |

**Online Presenter: Thorsten Lohmar, Ericsson**

**Online Discussion:**

* Reviewed QC edited version and comments from Thomas
* (Thomas not on call)
* Why IP multicast? BBC had explained via separate email why may be used in AV Production
* Thomas asked about embedding audio; also Tier 1 and Tier 2 production differences whereas prioritization may differ between them
* Thorsten: these questions seem more on whether these issues should be studied
* BBC: may address by indicating that audio should be dropped in contentious situations
* Thomas also has comment on use of network slices or multiple PDU sessions becomes cumbersome
* Thorsten: will draft something offline to address; that use of such techniques are still FFS
* Richard: multiple operators sharing NPN for consideration
* Addressing some comments from Charles:
* Thorsten indicates some sections in 5 previously was merged into clause 4 and now clause 6 renumbered as clause 5
* Charles comments on Observation and Conclusion - it was indicated that these are existing text and nothing new
* Charles agreed that in this case, he might address these in future, e.g. via pCR to amend such text

**Decision:**

* Revised to 1242.

[**S4-211163**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211163.zip) is revised to [S4-211242](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211242.zip).

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| [S4-211](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211163.zip)242 | [FS\_NPN4AVProd] Proposal of Media Protocol related Key Issues | Ericsson LM, BBC, EBU, Sennheiser, Dolby | Bo Burman |

**E-mail Discussion:**

See [S4-211163](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211163.zip).

**Online Presenter: Thorsten Lohmar, Ericsson**

**Online Discussion:**

* Thomas: It is unclear if we are allowed to prioritize and how will this be adopted by media producers
* Thorsten: Do we need to configure drop audio vs video in the network?
* Thomas: We don’t know what to do. Can we put the comment on the prioritization in an Editor’s note in the TR?
* Thorsten: I will do my best.

**Decision:**

* Agreed.

[**S4-211242**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211242.zip) is agreed.

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| [S4-211164](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211164.zip) | [FS\_NPN4AVProd] Proposal of a Remote Camera Configuration Key Issue | Ericsson LM, BBC, EBU, Sennheiser, Dolby | Bo Burman |

**E-mail Discussion:**

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| [[9.10; 1164; Block B; 25Aug 1200 CEST] pCR 26.805 on [FS\_NPN5AVProd] Proposal of a Remote Camera Configuration Key Issue -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;9cec16cd.2108D&S=) | Gabin, Frederic | Mon, 23 Aug 2021 07:14:41 +0000 |
| [Re: [9.10; 1164; Block B; 25Aug 1200 CEST] pCR 26.805 on [FS\_NPN5AVProd] Proposal of a Remote Camera Configuration Key Issue -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;531c70b5.2108D&S=) | Thomas Stockhammer | Wed, 25 Aug 2021 08:45:36 +0000 |
| [Re: [9.10; 1164; Block B; 25Aug 1200 CEST] pCR 26.805 on [FS\_NPN5AVProd] Proposal of a Remote Camera Configuration Key Issue -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;5c5af400.2108D&S=) | Gabin, Frederic | Wed, 25 Aug 2021 13:02:22 +0000 |
| [Re: [9.10; 1164; Block B; 25Aug 1200 CEST] pCR 26.805 on [FS\_NPN5AVProd] Proposal of a Remote Camera Configuration Key Issue -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;beca0c19.2108D&S=) | Thorsten Lohmar | Thu, 26 Aug 2021 07:37:57 +0000 |
| [Re: [9.10; 1164; Block B; 25Aug 1200 CEST] pCR 26.805 on [FS\_NPN5AVProd] Proposal of a Remote Camera Configuration Key Issue -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;3bdee9ef.2108D&S=) | Thomas Stockhammer | Thu, 26 Aug 2021 08:35:35 +0000 |
| [Re: [9.10; 1164; Block B; 25Aug 1200 CEST] pCR 26.805 on [FS\_NPN5AVProd] Proposal of a Remote Camera Configuration Key Issue -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;83fefab8.2108D&S=) | Thorsten Lohmar | Thu, 26 Aug 2021 09:21:53 +0000 |
| [Re: [9.10; 1164; Block B; 25Aug 1200 CEST] pCR 26.805 on [FS\_NPN5AVProd] Proposal of a Remote Camera Configuration Key Issue -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;c27219a8.2108D&S=) | Thomas Stockhammer | Thu, 26 Aug 2021 09:31:42 +0000 |

**Online Presenter: Thorsten Lohmar, Ericsson**

**Online Discussion:**

* Thorsten: I can add text indicating that it is not clear if 3GPP will support what it wants to do regarding use of NMOS.

**Decision:**

* Revised to 1243.

[**S4-211164**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211164.zip) is revised to [S4-211243](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211243.zip).

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| [S4-211](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211164.zip)243 | [FS\_NPN4AVProd] Proposal of a Remote Camera Configuration Key Issue | Ericsson LM, BBC, EBU, Sennheiser, Dolby | Bo Burman |

**Decision:**

* 1243 will be reviewed during the plenary.

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| [S4-211165](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211165.zip) | [FS\_NPN4AVProd] Proposal of two bitrate adaptation related Key Issues | Ericsson LM, BBC, EBU, Sennheiser, Dolby | Bo Burman |

**E-mail Discussion:**

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| [[9.10; 1165; Block B; 25Aug 1200 CEST] pCR 26.805 on [FS\_NPN5AVProd] Proposal of two bitrate adaptation related Key Issues -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;6c3891f6.2108D&S=) | Gabin, Frederic | Mon, 23 Aug 2021 07:14:47 +0000 |
| [Re: [9.10; 1165; Block B; 25Aug 1200 CEST] pCR 26.805 on [FS\_NPN5AVProd] Proposal of two bitrate adaptation related Key Issues -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;3516bcd5.2108D&S=) | Thomas Stockhammer | Wed, 25 Aug 2021 09:30:23 +0000 |
| [Re: [9.10; 1165; Block B; 25Aug 1200 CEST] pCR 26.805 on [FS\_NPN5AVProd] Proposal of two bitrate adaptation related Key Issues -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;84ada6b0.2108D&S=) | Gabin, Frederic | Wed, 25 Aug 2021 13:03:56 +0000 |
| [Re: [9.10; 1165; Block B; 25Aug 1200 CEST] pCR 26.805 on [FS\_NPN5AVProd] Proposal of two bitrate adaptation related Key Issues -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;e37eca94.2108D&S=) | Thorsten Lohmar | Thu, 26 Aug 2021 07:56:48 +0000 |
| [Re: [9.10; 1165; Block B; 25Aug 1200 CEST] pCR 26.805 on [FS\_NPN5AVProd] Proposal of two bitrate adaptation related Key Issues -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;120b18e9.2108D&S=) | Thomas Stockhammer | Thu, 26 Aug 2021 08:10:50 +0000 |
| [Re: [9.10; 1165; Block B; 25Aug 1200 CEST] pCR 26.805 on [FS\_NPN5AVProd] Proposal of two bitrate adaptation related Key Issues -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;eadf359c.2108D&S=) | Thorsten Lohmar | Thu, 26 Aug 2021 09:25:49 +0000 |
| [Re: [9.10; 1165; Block B; 25Aug 1200 CEST] pCR 26.805 on [FS\_NPN5AVProd] Proposal of two bitrate adaptation related Key Issues -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;8ebb3fae.2108D&S=) | Richard Bradbury | Thu, 26 Aug 2021 13:27:31 +0100 |

**Online Presenter: Thorsten Lohmar, Ericsson**

**Online Discussion:**

* There is QC edited version
* Thomas has comment on dynamic switching and different protocols on first Editor’s Note under 5.2.5.6
* Thorsten indicates he will address and clarify the point
* Thomas has comment on 5.2.5.7.1 to discuss network variations and not about glitches
* Thorsten: agrees and will modify
* Thomas: on “capabilities may not be desired” - instead state that this may not be required
* Frederic - seems valid and Thorsten agrees to change wording
* Thomas : on media production industry instead on media industry
* Thomas comment on SLAs were discussed
* Addressing Thomas comment on need to study tradeoffs between frame rates, quantization, and others that can be varied to fit bitrate into some bucket that’s dynamically varying
* Thorsten will try to clarify/reword

**Decision:**

* Revised to 1244.

[**S4-211165**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211165.zip) is revised to [S4-211244](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211244.zip).

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| [S4-211](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211165.zip)244 | [FS\_NPN4AVProd] Proposal of two bitrate adaptation related Key Issues | Ericsson LM, BBC, EBU, Sennheiser, Dolby | Bo Burman |

**Decision:**

* 1244 will be reviewed during the plenary.

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| [S4-211166](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211166.zip) | [FS\_NPN4AVProd] Proposal of a Key Issue around configurable audio channels | Ericsson LM, BBC, EBU, Sennheiser, Dolby | Bo Burman |

**E-mail Discussion:**

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| [[9.10; 1166; Block B; 25Aug 1200 CEST] pCR 26.805 on [FS\_NPN5AVProd] Proposal of a Key Issue around configurable audio channels -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;8bd85236.2108D&S=) | Gabin, Frederic | Mon, 23 Aug 2021 07:14:53 +0000 |
| [Re: [9.10; 1166; Block B; 25Aug 1200 CEST] pCR 26.805 on [FS\_NPN5AVProd] Proposal of a Key Issue around configurable audio channels -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;d4efcdb.2108D&S=) | Thomas Stockhammer | Wed, 25 Aug 2021 09:47:27 +0000 |
| [Re: [9.10; 1166; Block B; 25Aug 1200 CEST] pCR 26.805 on [FS\_NPN5AVProd] Proposal of a Key Issue around configurable audio channels -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;7618f295.2108D&S=) | Gabin, Frederic | Wed, 25 Aug 2021 13:05:11 +0000 |
| [Re: [9.10; 1166; Block B; 25Aug 1200 CEST] pCR 26.805 on [FS\_NPN5AVProd] Proposal of a Key Issue around configurable audio channels -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;80214d1d.2108D&S=) | Thorsten Lohmar | Thu, 26 Aug 2021 08:29:12 +0000 |
| [Re: [9.10; 1166; Block B; 25Aug 1200 CEST] pCR 26.805 on [FS\_NPN5AVProd] Proposal of a Key Issue around configurable audio channels -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;528ccd22.2108D&S=) | Thomas Stockhammer | Thu, 26 Aug 2021 08:40:45 +0000 |
| [Re: [9.10; 1166; Block B; 25Aug 1200 CEST] pCR 26.805 on [FS\_NPN5AVProd] Proposal of a Key Issue around configurable audio channels -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;f0a75722.2108D&S=) | Richard Bradbury | Thu, 26 Aug 2021 11:20:04 +0100 |

**Online Presenter: Thorsten Lohmar, Ericsson**

**Online Discussion:**

* \_QC version was presented.
* Thomas question meaning of multiplexing
* Richard means that this is exactly to be further studied
* Thomas comment on activation being static or dynamic process
* Thorsten: this pertains to MADI or SDI, and pertains to context in those specifications; that there are static and dynamic components associated and potential for misuse of the channels
* Richard: Thomas has valid concern on porting legacy concepts; here this is just describing SDI or MADI and that it’s more likely that we won’t want to map these to 5G, but define some interworking function to allow mapping of these active/deactive channels properties to 5G concepts
* Thorsten: suggest to add a bullet on such mapping
* Thomas has comment on silence channel?
* Richard: audio signal below a particular threshold as
* Thorsten: this is about active unmuted microphone

**Decision:**

* Revised to 1245

[**S4-211166**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211166.zip) is revised to [S4-211245](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211245.zip).

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| [S4-211](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211166.zip)245 | [FS\_NPN4AVProd] Proposal of a Key Issue around configurable audio channels | Ericsson LM, BBC, EBU, Sennheiser, Dolby | Bo Burman |

**Decision:**

* 1245 will be reviewed during the plenary.

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| [S4-211167](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211167.zip) | [FS\_NPN4AVProd] Proposal of a new NPN usage related Key Issue | Ericsson LM, BBC, EBU, Sennheiser, Dolby | Bo Burman |

**E-mail Discussion:**

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| [[9.10; 1167; Block B; 25Aug 1200 CEST] pCR 26.805 on [FS\_NPN5AVProd] Proposal of a new NPN usage related Key Issue -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;73d7ba34.2108D&S=) | Gabin, Frederic | Mon, 23 Aug 2021 07:14:58 +0000 |
| [Re: [9.10; 1167; Block B; 25Aug 1200 CEST] pCR 26.805 on [FS\_NPN5AVProd] Proposal of a new NPN usage related Key Issue -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;4cbd30d3.2108D&S=) | Thomas Stockhammer | Wed, 25 Aug 2021 09:59:07 +0000 |
| [Re: [9.10; 1167; Block B; 25Aug 1200 CEST] pCR 26.805 on [FS\_NPN5AVProd] Proposal of a new NPN usage related Key Issue -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;a22d05ee.2108D&S=) | Gabin, Frederic | Wed, 25 Aug 2021 13:12:33 +0000 |
| [Re: [9.10; 1167; Block B; 25Aug 1200 CEST] pCR 26.805 on [FS\_NPN5AVProd] Proposal of a new NPN usage related Key Issue -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;21171c57.2108D&S=) | Thorsten Lohmar | Thu, 26 Aug 2021 08:41:02 +0000 |
| [Re: [9.10; 1167; Block B; 25Aug 1200 CEST] pCR 26.805 on [FS\_NPN5AVProd] Proposal of a new NPN usage related Key Issue -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;84e73874.2108D&S=) | Thomas Stockhammer | Thu, 26 Aug 2021 08:47:27 +0000 |

**Online Presenter: Thorsten Lohmar, Ericsson**

**Online Discussion:**

* \_QC version was presented.
* Thomas has comments on whether to re-use credentials needed for NMOS in 3GPP in SNPN or PNI-NPN
* Richard: NMOS just uses TLS; may be separate from 3GPP security.
* Thorsten: from media production side may be good to merge
* Thorsten: will address the comments which are more editorial; but not sure how to address the credentials reuse comment
* Fred: suggests Thorsten contacts Thomas for clarification

**Decision:**

* Revised to 1246.

[**S4-211167**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211167.zip) is revised to [S4-211246](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211246.zip).

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| [S4-211](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211167.zip)246 | [FS\_NPN4AVProd] Proposal of a new NPN usage related Key Issue | Ericsson LM, BBC, EBU, Sennheiser, Dolby | Bo Burman |

**Decision:**

* 1246 will be reviewed during the plenary.

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| [S4-211168](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211168.zip) | [FS\_NPN4AVProd] Proposed Timeplan updates | Ericsson LM | Bo Burman |

**E-mail Discussion:**

None

**Decision:**

* Revised

[**S4-211168**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211168.zip) is revised to [S4-211217](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211217.zip).

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| [S4-211](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211168.zip)217 | [FS\_NPN4AVProd] Proposed Timeplan updates | Ericsson LM | Bo Burman |

**E-mail Discussion:**

None

**Online Presenter: Thorsten Lohmar, Ericsson**

**Online Discussion:**

* None

**Decision:**

* Agreed. Goes to plenary B.

[**S4-211217**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211217.zip) is agreed.

## 9.11 New Work / New Work Items and Study Items

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| [S4-211051](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211051.zip) | Draft New WID on 5GMS content preparation extensions | Tencent | Iraj Sodagar |

**E-mail Discussion:**

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| --- | --- | --- |
| [[9.11; 1051; Block B; 25Aug 1200 CEST] Draft New WID on 5GMS content preparation extensions -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;38f87458.2108D&S=) | Gabin, Frederic | Mon, 23 Aug 2021 07:15:32 +0000 |
| [Re: [9.11; 1051; Block B; 25Aug 1200 CEST] Draft New WID on 5GMS content preparation extensions -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;74befb2a.2108D&S=) | Richard Bradbury | Mon, 23 Aug 2021 15:24:55 +0100 |
| [Re: [9.11; 1051; Block B; 25Aug 1200 CEST] Draft New WID on 5GMS content preparation extensions -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;daa70b7d.2108D&S=) | Iraj Sodagar | Mon, 23 Aug 2021 18:45:38 +0000 |
| [Re: [9.11; 1051; Block B; 25Aug 1200 CEST] Draft New WID on 5GMS content preparation extensions -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;d34e242b.2108D&S=) | Iraj Sodagar | Mon, 23 Aug 2021 19:01:16 +0000 |
| [Re: [9.11; 1051; Block B; 25Aug 1200 CEST] Draft New WID on 5GMS content preparation extensions -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;53340afc.2108D&S=) | Thomas Stockhammer | Mon, 23 Aug 2021 19:23:20 +0000 |
| [Re: [9.11; 1051; Block B; 25Aug 1200 CEST] Draft New WID on 5GMS content preparation extensions -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;a6e115c8.2108D&S=) | Iraj Sodagar | Tue, 24 Aug 2021 00:12:59 +0000 |
| [Re: [9.11; 1051; Block B; 25Aug 1200 CEST] Draft New WID on 5GMS content preparation extensions -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;32180cca.2108D&S=) | Imed Bouazizi | Tue, 24 Aug 2021 04:03:09 +0000 |
| [Re: [9.11; 1051; Block B; 25Aug 1200 CEST] Draft New WID on 5GMS content preparation extensions -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;1e13a85b.2108D&S=) | Iraj Sodagar | Tue, 24 Aug 2021 05:38:41 +0000 |
| [Re: [9.11; 1051; Block B; 25Aug 1200 CEST] Draft New WID on 5GMS content preparation extensions -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;4b0a8297.2108D&S=) | Gabin, Frederic | Wed, 25 Aug 2021 13:15:03 +0000 |

**Online Presenter: Iraj Sodagar, Tencent**

**Online Discussion:**

* Iraj: According to our discussions yesterday this WI will have to be taken into consideration for Rel-18.

**Decision:**

* Noted

[**S4-211051**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211051.zip) is noted

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| [S4-211099](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211099.zip) | Draft New WID on 5GMS additional uplink streaming extensions | Tencent | Iraj Sodagar |

**E-mail Discussion:**

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| [[9.11; 1099; Block B; 25Aug 1200 CEST] Draft New WID on 5GMS additional uplink streaming extensions -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;f859785c.2108D&S=) | Gabin, Frederic | Mon, 23 Aug 2021 07:15:43 +0000 |
| [Re: [9.11; 1099; Block B; 25Aug 1200 CEST] Draft New WID on 5GMS additional uplink streaming extensions -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;604f7ab6.2108D&S=) | Richard Bradbury | Mon, 23 Aug 2021 15:27:33 +0100 |
| [Re: [9.11; 1099; Block B; 25Aug 1200 CEST] Draft New WID on 5GMS additional uplink streaming extensions -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;2bc9198a.2108D&S=) | Iraj Sodagar | Mon, 23 Aug 2021 19:03:15 +0000 |
| [Re: [9.11; 1099; Block B; 25Aug 1200 CEST] Draft New WID on 5GMS additional uplink streaming extensions -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;7f2648bd.2108D&S=) | Thomas Stockhammer | Mon, 23 Aug 2021 19:22:42 +0000 |
| [Re: [9.11; 1099; Block B; 25Aug 1200 CEST] Draft New WID on 5GMS additional uplink streaming extensions -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;f5d52827.2108D&S=) | Iraj Sodagar | Mon, 23 Aug 2021 22:19:53 +0000 |
| [Re: [9.11; 1099; Block B; 25Aug 1200 CEST] Draft New WID on 5GMS additional uplink streaming extensions -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;9d5c57b7.2108D&S=) | Thomas Stockhammer | Tue, 24 Aug 2021 04:34:52 +0000 |
| [Re: [9.11; 1099; Block B; 25Aug 1200 CEST] Draft New WID on 5GMS additional uplink streaming extensions -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;8453d6a1.2108D&S=) | Iraj Sodagar | Tue, 24 Aug 2021 06:05:30 +0000 |
| [Re: [9.11; 1099; Block B; 25Aug 1200 CEST] Draft New WID on 5GMS additional uplink streaming extensions -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;3e839bff.2108D&S=) | Gabin, Frederic | Wed, 25 Aug 2021 13:17:10 +0000 |

**Online Presenter: Iraj Sodagar, Tencent**

**Online Discussion:**

* To be brought for consideration as Rel-18 WI proposal

**Decision:**

* Noted.

[**S4-211099**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_115-e/Docs/S4-211099.zip) is noted.

## 9.12 Liaisons and Liaison Responses

None.

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

## 9.14 Any Other Business

## 9.15 Close of the session

The chairman thanked the participants.

The online session was closed on August 26, 2021 at 15:30 (CEST).

## 9.16 Attendees

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **TITLE** | **Family Name** | **Given Name** | **Organization Represented** | **PRESENCE** |
| Dr. | Abhishek | Rohit | Tencent |  |
| Ms. | Ahsan | Saba | Nokia Belgium |  |
| Mr. | Aracena | Mauricio | Ericsson España S.A. | Y |
| Dr. | Biatek | Thibaud | ATEME | Y |
| Dr. | Bouazizi | Imed | QUALCOMM Europe Inc. - Italy | Y |
| Dr. | Bradbury | Richard | BBC | Y |
| Dr. | Bruhn | Stefan | Dolby Laboratories Inc. |  |
| Dr. | Budagavi | Madhukar | Samsung Electronics Iberia SA |  |
| Mr. | Burdinat | Christophe | ATEME | Y |
| Mr. | Burman | Bo | Ericsson France S.A.S | Y |
| Mr. | Cary | Judson | CableLabs |  |
| Mr. | Champel | Mary-Luc | Beijing Xiaomi Electronics | Y |
| Dr. | Chan | Yee Sin | Facebook | Y |
| Mrs. | Chaponniere | Lena | Qualcomm CDMA Technologies |  |
| Mr. | Chen | Dong | Xiaomi Communications |  |
| Dr. | Chen | Lulin | MediaTek Inc. | Y |
| Mr. | Choi | Hyung-Nam | Motorola Mobility UK Ltd. | Y |
| Dr. | Curcio | Igor | Nokia Corporation |  |
| Mr. | Curti | Alain | Orange UK |  |
| Mr. | Dadas | Mohammed | Orange | Y |
| Mr. | Dawkins | Spencer | Tencent | Y |
| Mr. | De Bont | Frans | Philips International B.V. |  |
| Mr. | Doehla | Stefan | Fraunhofer IIS |  |
| Mr. | Edwards | Robert | Matrixx |  |
| Dr. | Ehara | Hiroyuki | Panasonic Corporation |  |
| Dr. | El Essaili | Ali | Ericsson Telecomunicazioni SpA | Y |
| Dr. | Escott | Adrian | Qualcomm Technologies Int |  |
| Dr. | Feiten | Bernhard | Deutsche Telekom AG | Y |
| Mr. | Fogg | Chad | Google Inc. |  |
| Dr. | FOURDEUX | Henri | InterDigital France R&D, SAS | Y |
| Dr. | Frojdh | Per | Ericsson India Private Limited |  |
| Mr. | Gabin | Frederic | Dolby Laboratories Inc. | Y |
| Mr. | Gao | Yuan | Huawei Technologies Japan K.K. |  |
| Mr. | Gibellino | Diego | TELECOM ITALIA S.p.A. | Y |
| Dr. | Gierlich | Hans | HEAD acoustics GmbH |  |
| Dr. | Gimenez | Jordi J. | EBU |  |
| Mr. | Gu | Xiaojun | Huawei Tech.(UK) Co.. Ltd |  |
| Mr. | Gudumasu | Srinivas | InterDigital Communications | Y |
| Mr. | Gunkel | Simon | KPN N.V. |  |
| Mr. | Håkansson | Stefan | Ericsson LM |  |
| Dr. | Hamza | Ahmed | InterDigital Communications |  |
| Dr. | Han | Jae-Shin | LG Electronics Deutschland | Y |
| Dr. | He | Yong | Qualcomm Incorporated |  |
| Mr. | Heikkilä | Gunnar | Ericsson Japan K.K. | Y |
| Mr. | Homkar | Ajay | Cadence Design Systems Inc. |  |
| Mr. | Howells | Elfed | Huawei Device Co., Ltd | Y |
| Dr. | Hu | James | AT&T GNS Belgium SPRL | Y |
| Dr. | Huang-fu | JJ | MediaTek Inc. |  |
| Mr. | Isberg | Peter | Sony Mobile Communications |  |
| Mr. | Jansson Toftgård | Tomas | Ericsson LM |  |
| Dr. | Jelinek | Milan | VoiceAge Corporation |  |
| Dr. | Joshi | Rajan | Samsung Electronics France SA |  |
| Dr. | Jung | Kyunghun | Facebook | Y |
| Mr. | Kerdranvat | Michel | InterDigital France R&D, SAS |  |
| Dr. | Kim | Wuk | SAMSUNG R&D INSTITUTE JAPAN |  |
| Dr. | Kolan | Prakash | Samsung Electronics Nordic AB | Y |
| Dr. | Kroon | Peter | Apple Benelux B.V. |  |
| Mr. | Kwon | WooSuk | LG Electronics Inc. | Y |
| Mr. | Laaksonen | Lasse | Nokia France |  |
| Mr. | Lair | Yannick | Nokia France |  |
| Mr. | Laitinen | Mikko-ville | Nokia UK |  |
| Dr. | Lee | Brian | Dolby Technology India Pvt Ltd | Y |
| Dr. | Lee | Hakju Ryan | Samsung Research America | Y |
| Mr. | Lemotheux | Julien | Orange Spain | Y |
| Mr. | Leung | Nikolai | QUALCOMM Europe Inc. - Spain |  |
| Mr. | LI | LIN | China Mobile Com. Corporation |  |
| Dr. | Liao | Ellen C. | Intel |  |
| Mr. | Libunao | Gerardo | Verizon UK Ltd |  |
| Dr. | Litwic | Lukasz | Ericsson Hungary Ltd |  |
| Mr. | Liu | Dan | ZTE Corporation |  |
| Mr. | LIU | Jianning(Carry) | Beijing Xiaomi Software Tech |  |
| Mrs. | Liu | Yan | HUAWEI TECHNOLOGIES Co. Ltd. | Y |
| Mr. | Lo | Charles | Qualcomm Finland RFFE Oy | Y |
| Dr. | Lohmar | Thorsten | Ericsson GmbH, Eurolab | Y |
| Ms. | Lu | Wei | Xiaomi Technology |  |
| Mr. | Ma | Liangping | Qualcomm Wireless GmbH |  |
| Mrs. | Martin-Cocher | Gaelle | InterDigital, Europe, Ltd. |  |
| Dr. | Mate | Sujeet | Nokia Korea |  |
| Mr. | Mayer | Georg | HUAWEI TECHNOLOGIES Co. Ltd. |  |
| Mr. | Morita | Naotaka | NTT corporation | Y |
| Dr. | Moriya | Takehiro | NTT |  |
| Mr. | Multrus | Markus | Fraunhofer IIS |  |
| Dr. | Ni | Hui | HUAWEI Technologies Japan K.K. |  |
| Mr. | Norvell | Erik | Ericsson Inc. |  |
| Dr. | Pan | Qi | Huawei Telecommunication India | Y |
| Mr. | Patry | Frank | Omnispace | Y |
| Mr. | Pavlov | Dimitar | Vodafone Telekomünikasyon A.S. |  |
| Mr. | Pazos | Marcelo | Qualcomm Korea |  |
| Dr. | Peng | Ke | Beijing OPPO Com. corp., ltd |  |
| Ms. | Perey | Christine | Perey Research & Consulting |  |
| Mr. | Pica | Francesco | Qualcomm Incorporated |  |
| Mr. | Pihlajakuja | Tapani | Nokia Japan |  |
| Mr. | Plante | Fabrice | Apple Italia S.R.L. |  |
| Dr. | Pobloth | Harald | Nanjing Ericsson Panda Com Ltd |  |
| Mr. | Pousi | Timo | Ericsson Limited |  |
| Mr. | Ragot | Stephane | Orange Romania | Y |
| Mr. | Rämö | Anssi | Nokia Germany |  |
| Mr. | Reimes | Jan | HEAD acoustics GmbH |  |
| Mr. | Rhyu | Sungryeul | Samsung Electronics Czech | Y |
| Dr. | Rusanovskyy | Dmytro | Qualcomm India Pvt Ltd |  |
| Ms. | Saha | Jayeeta | ETSI | Y |
| Mr. | Sanchez de la Fuente | Yago | Fraunhofer HHI | Y |
| Mr. | Schevciw | Andre | Qualcomm Tech. Netherlands B.V |  |
| Ms. | Shen | Yang | Beijing Xiaomi Mobile Software |  |
| Mr. | Simmons | John | Google Inc. | Y |
| Mr. | Singer | David | Apple (UK) Limited |  |
| Dr. | Sodagar | Iraj | Tencent | Y |
| Mr. | Soloway | Alan | Qualcomm Austria RFFE GmbH |  |
| Dr. | Song | Jaeyeon | Samsung Electronics Co., Ltd | Y |
| Mr. | Steck | Chris | Cisco Systems France |  |
| Dr. | Stockhammer | Thomas | Qualcomm communications-France | Y |
| Mr. | Stojanovski | Saso | Intel Finland Oy |  |
| Dr. | Su | Huan-yu | Huawei Technologies Sweden AB | Y |
| Dr. | Szczerba | Marek | Philips International B.V. | Y |
| Mr. | Szucs | Paul | Sony Europe B.V. | Y |
| Dr. | TAN | PENG | TELUS | Y |
| Mr. | Teniou | Gilles | Tencent | Y |
| Mr. | THIENOT | Cedric | ENENSYS | Y |
| Mr. | Thomas | Emmanuel | Xiaomi Communications | Y |
| Dr. | Tossavainen | Antero | Huawei Technologies Sweden AB |  |
| Dr. | Tourapis | Alexandros | Apple GmbH |  |
| Mr. | Varga | Imre | QUALCOMM JAPAN LLC. |  |
| Mr. | Wang | Bin | Huawei Device Co., Ltd |  |
| Mr. | Wang | Dong | Guangdong OPPO Mobile Telecom. | Y |
| Dr. | Wang | Xin | MediaTek Inc. | Y |
| Mr. | Wang | Zhe | HuaWei Technologies Co., Ltd |  |
| Dr. | Wey | Jun Shan | Verizon Switzerland AG | Y |
| Ms. | WU | Jinhua | Beijing Xiaomi Mobile Software |  |
| Ms. | Wu | Shuxia | Honor |  |
| Dr. | Xie | Minjie | OPPO |  |
| Mr. | Xu | Song | China Mobile Com. Corporation |  |
| Mr. | yan | hua | ZTE Corporation |  |
| Dr. | Yang | Hyun-Koo | Samsung Electronics Romania | Y |
| Dr. | Yang | Penglin | China Mobile Com. Corporation |  |
| Mr. | Yao | Yizhi | Intel China Ltd. |  |
| Mrs. | Yin | Yujian | China Mobile Com. Corporation |  |
| Mr. | Yip | Eric | Samsung R&D Institute UK | Y |

# Annex B: Final agenda

|  |  |  |  |
| --- | --- | --- | --- |
| A.I. # | A.I. Title | Block | Tdoc #s |
| 9 | Multicast-Broadcast-Streaming (MBS) SWG | - |  |
| 9.1 | Opening of the session | A |  |
| 9.2 | Registration of documents | A |  |
| 9.3 | Reports/Liaisons from other groups/meetings | A | 1061 (RAN3) replied to in 1225 (Plenary)1063n (RAN3)1064n (SA2)1065 (SA2) replied to in 1224 (Approved in Plenary A)QoE pause : 1058 (RAN2) replied to in 1133->1226a (Plenary A), 1090nQoE report size: 1059 (RAN2) replied to in 1132->1227a (plenary A)QMC: 1062 (RAN3) replied to in 1134->1230->1248a (plenary), 1137->1228->1235->1247a (26.247), 1229->1236&1237->1283&1284 (26.114) (plenary A.I. 15)LS (to SA5): 1234a (Approved at Plenary A)~~1107 (n/a)~~ |
| 9.4 | Issues for immediate consideration | A |  |
| 9.5 | CRs to features in Release 16 and earlier | A | 26.512: 1106->1223a (Plenary B) |
| 9.6 | EVEX (5GMS AF Event Exposure) | A | 26.531: 1036->1218a, 1037a, 1233 (agreed at Plenary A)1103n1135n, 1219->1232a26.532: 1102->1220a (agreed at Plenary A)LS: 1038->1221 (approved at Plenary A)TP: 1101->1222 (agreed at Plenary A) |
| 9.7 | 5GMS\_EDGE (Edge Extensions to the 5G Media Streaming Architecture) | A | 26.501: 1076->1249aEAS context: 1078pa, 1136n, 1175->1268aTP: 1077->1269aLS: 1231a (Plenary A) |
| 9.8 | 5MBUSA (5G Multicast-Broadcast User Service Architecture and related 5GMS Extensions) | A | Architecture: 1005m (to 1250)MBMS: 1006m (to 1250)5GMS: 1007nLow-Latency: 1008nHybrid: 1009nSecurity: 1010n26.502: 1143m (to 1250)Summary: 1250->1270 (offline/Plenary)TS 26.502: 1251 (Richard/Plenary)TP: 1082->1173->1271a (Plenary) |
| 9.9 | FS\_5GMS\_EXT (Study on 5G media streaming extensions) | B | Work plan: 1011aContent Prep: 1050->1238aBackground transfer: 1079->1272aUplink: 1096n, 1097->1239a, 1098->1273aTransport: 1108->1274aTraffic Detection: 1161->1275aSlicing: 1174->1276aTP: 1123 (Plenary)TR: 1240 (Plenary)~~1012 (n/a), 1013 (n/a), 1014 (n/a), 1015 (n/a), 1080 (n/a)~~ -> all withdrawn |
| 9.10 | FS\_NPN4AVProd (Feasibility Study on Media Production over 5G NPN) | B | Cloud/Remote: 1162->1241aMedia protocol: 1163->1242aRemote configuration: 1164->1243 (Plenary)Rate adaptation: 1165->1244 (Plenary)Configurable audio: 1166->1245 (Plenary)NPN: 1167->1246 (Plenary)TP: 1168->1217a (plenary B)TR 26.805: 1267 (Plenary) |
| 9.11 | New Work / New Work Items and Study Items | B | 1051n (5GMS content preparation extensions)1099n (5GMS additional uplink streaming extensions) |
| 9.12 | Others including TEI | B |  |
| 9.13 | Review of the future work plan (next meeting dates, hosts) | B | MBS SWG AH post SA4#115-e7th Oct. 1530-1800 CEST21st Oct. 1530-1800 CEST28th Oct. 1530-1800 CESTTdoc deadline: Wednesday 1200 CEST (noon) |
| 9.14 | Any Other Business | B |  |
| 9.15 | Close of the session | B |  |
| 13 | LSs received during the meeting and Postponed Liaisons (from A. I. 6) | Plenary |  |
| 14 | Reports and general issues from sub-working-groups | Plenary |  |
| 14.1 | EVS SWG | Plenary |  |
| 14.2 | MBS SWG | Plenary | 1285, Tdoc status transfer |
| 14.3 | MTSI SWG | Plenary |  |
| 14.4 | SQ SWG | Plenary |  |
| 14.5 | Video SWG | Plenary |  |
| 15 | CRs to features in Release 16 and earlier | Plenary | LS (to SA5): 1234app26.501: 122326.247: 124726.114: 1283&1284 |
| 16 | Release 17 Features | - |  |
| 16.1 | IVAS\_Codec (EVS Codec Extension for Immersive Voice and Audio Services) | Plenary |  |
| 16.2 | ITT4RT (Support of Immersive Teleconferencing and Telepresence for Remote Terminals) | Plenary |  |
| 16.3 | HaNTE (Handsets Featuring Non-Traditional Earpieces) | Plenary |  |
| 16.4 | HInT (Extension for headset interface tests of UE) | Plenary |  |
| 16.5 | 8K\_VR\_5G (Operation Points for 8K VR 360 Video over 5G) | Plenary |  |
| 16.6 | EVEX (5GMS AF Event Exposure) | Plenary | 26.531: 1233a26.532: 1220aLS: 1221appTP: 1222a |
| 16.7 | 5GMS\_EDGE (Edge Extensions to the 5G Media Streaming Architecture) | Plenary | LS: 1231 |
| 16.8 | 5MBUSA (5G Multicast-Broadcast User Service Architecture and related 5GMS Extensions) | Plenary | Offline: 127026.502: 1251TP: 1271 |
| 16.9 | TEI17 and any other Rel-17 documents | Plenary |  |
| 17 | Release 18 Features | - |  |
| 17.1 | ATIAS (Terminal Audio quality performance and Test methods for Immersive Audio Services) | Plenary |  |
| 17.2 | TEI18 and any other Rel-18 documents | Plenary |  |
| 18 | Study Items | - |  |
| 18.1 | FS\_XRTraffic (Feasibility Study on Typical Traffic Characteristics for XR Services and other Media) | Plenary |  |
| 18.2 | FS\_VR\_CoGui (Feasibility Study on VR Streaming Conformance and Guidelines) | Plenary |  |
| 18.3 | FS\_5GVideo (Feasibility Study on 5G Video Codec Characteristics) | Plenary |  |
| 18.4 | FS\_FLUS\_NBMP (Feasibility Study on the use of NBMP in E\_FLUS) | Plenary |  |
| 18.5 | FS\_5GSTAR (Feasibility Study on 5G Glass-type AR/MR Devices) | Plenary |  |
| 18.6 | FS\_5GMS\_EXT (Study on 5G media streaming extensions) | Plenary | 26.804: 1240TP: 1123 |
| 18.7 | FS\_NPN4AVProd (Feasibility Study on Media Production over 5G NPN) | Plenary | Remote configuration: 1243amRate adaptation: 1244amConfigurable audio: 1245aNPN: 1246aTP: 121726.805: 1267 |
| 19 | Work Items and Study Items under the responsibility of other TSGs/WGs impacting SA4 work | Plenary |  |
| 20 | New Work / New Work Items and Study Items | Plenary |  |
| 21 | Postponed issues | Plenary |  |
| 22 | Review of the future work plan (next meeting dates, hosts) | Plenary |  |
| 23 | Any Other Business | Plenary |  |
| 24 | Close of meeting: Friday August 27th, at 18:00 hours CEST (at the latest) | Plenary |  |

# Annex C - 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** |
| [**S4-211011**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211011.zip) | [FS\_5GMS-EXT] Proposed Timeplan Updates | Qualcomm Incorporated | Agreement | 9.9 | **agreed** |  | - |
| [**S4-211037**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211037.zip) | [EVEX] Collaboration scenarios for data collection and reporting | BBC | Agreement | 9.6 | **agreed** |  | - |
| [**S4-211078**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211078.zip) | Multimedia Application Context Definition | QUALCOMM Europe Inc. - Italy |  | 9.7 | **Partially agreed** |  | - |
| **S4-211218** | [EVEX] Reference architecture for data collection and reporting | BBC, Qualcomm Incorporated | Agreement | 9.6 | **Agreed** |  | - |
| [**S4-211232**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211061.zip) | Support of CAPIF for Data Collection AF | Huawei Technologies Co.,Ltd. | Agreement | 9.6 | **Agreed** |  | - |
| [**S4-2112**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211061.zip)**38** | [FS\_5GMS\_EXT]: Content Preparation: Conclusion and recommendations | Tencent | Agreement | 9.9 | **Agreed** |  | - |
| [**S4-2112**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211061.zip)**39** | [FS\_5GMS\_EXT]: Uplink streaming: Metric reporting | Tencent | Agreement | 9.9 | **Agreed** |  | - |
| **S4-211241** | [FS\_NPN4AVProd] Clarification of Cloud vs Remote Production | Ericsson LM, BBC, EBU, Sennheiser, Dolby | Agreement | 9.10 | **Agreed** |  | - |
| [**S4-211242**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211061.zip) | [FS\_NPN4AVProd] Proposal of Media Protocol related Key Issues | Ericsson LM, BBC, EBU, Sennheiser, Dolby | Agreement | 9.10 | **Agreed** |  | - |
| [**S4-211249**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211061.zip) | Draft CR to 26.501 on Edge Extensions to 5GMS | QUALCOMM Europe Inc. - Italy | Agreement | 9.7 | **Agreed** |  | - |
| [**S4-211268**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211061.zip) | Requirements for EAS Relocation Support in EMSA Architecture | Samsung Electronics Co., Ltd. | Agreement | 9.7 | **Agreed** |  | - |
| [**S4-211269**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211061.zip) | Updates to Proposed Timeplan for 5GMS\_EDGE | Qualcomm Incorporated | Agreement | 9.7 | **Agreed** |  | - |
| [**S4-211272**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211061.zip) | Update to Potential solution for Background Data Transfer in 5GMS | Qualcomm Incorporated | Agreement | 9.9 | **Agreed** |  | - |
| [**S4-211273**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211061.zip) | [FS\_5GMS\_EXT]: Uplink streaming: Conclusion and recommendations | Tencent | Agreement | 9.9 | **Agreed** |  | - |
| [**S4-211274**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211061.zip) | [FS\_5GMS\_EXT] New Transport Protocols - Conclusions and Recommendations | Tencent | Agreement | 9.9 | **Agreed** |  | - |
| [**S4-211275**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211061.zip) | [FS\_5GMS\_EXT] Proposal of Candidate Solutions for ToS based traffic detection | Ericsson LM | Agreement | 9.9 | **Agreed** |  | - |
| [**S4-211276**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211061.zip) | Network Slicing Extensions for 5G Media Streaming | Samsung Electronics Co., Ltd., Qualcomm Incorporated | Agreement | 9.9 | **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** |
| [**S4-211217**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211061.zip) | [FS\_NPN4AVProd] Proposed Timeplan updates | Ericsson LM | Agreement | 9.10 | **Agreed** |  | 18.7 |
| [**S4-2112**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211061.zip)**23** | CR 26.512-0013 rev1 Corrections to TS 26.512 | Qualcomm Incorporated | Agreement | 9.5 | **Agreed** |  | 15 |
| [**S4-2112**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211061.zip)**26** | [Draft] LS Reply on QoE report handling at QoE pause | Huawei Technologies Co.,Ltd. | Agreement | 9.3 | **Agreed** |  | 6.2 |
| [**S4-2112**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211061.zip)**27** | [Draft] Reply LS on QoE configuration and reporting related issues | Huawei Technologies Co.,Ltd. | Agreement | 9.3 | **Agreed** |  | 6.2 |
| [**S4-2112**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211061.zip)**31** | LS to SA6 on 5GMS EDGE | Qualcomm | Approval | 9.7 | **Agreed** |  | 16.7 |
| [**S4-211234**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211061.zip) | [Draft] LS on TS 28.404/TS 28.405 Clarification (To SA5) | Qualcomm | Approval | 9.3 | **Agreed** |  | 12 |
| [**S4-211247**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211061.zip) | CR 26.247-0168 rev2 QoE configuration release (Rel-16) | Huawei Telecommunication India | Agreement | 9.3 | **Agreed** |  | 15 |
| [**S4-211248**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211061.zip) | [Draft] LS Reply on requirement for configuration changes of ongoing QMC sessions | Huawei Technologies Co.,Ltd. | Agreement | 9.3 | **Agreed** |  | 6.2 |
| [**S4-211271**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211061.zip) | [5MBUSA] Work and Time Plan | TELUS | Agreement | 9.8 | **Agreed** |  | 16.8 |

## 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** |
| [**S4-211005**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211005.zip) | [5MBUSA] Architecture and Service Model | Qualcomm Incorporated | Agreement | 9.8 | **Merged** | S4-211250 | - |
| [**S4-211006**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211006.zip) | [5MBUSA] Re-use of MBMS | Qualcomm Incorporated | Agreement | 9.8 | **Merged** | S4-211250 | - |
| [**S4-211007**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211007.zip) | [5MBUSA] 5GMS via eMBMS | Qualcomm Incorporated | Agreement | 9.8 | **Noted** |  | - |
| [**S4-211008**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211008.zip) | [5MBUSA] Low-latency Broadcast | Qualcomm Incorporated | Agreement | 9.8 | **Noted** |  | - |
| [**S4-211009**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211009.zip) | [5MBUSA] Hybrid Services | Qualcomm Incorporated | Agreement | 9.8 | **Noted** |  | - |
| [**S4-211010**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211010.zip) | [5MBUSA] Security Aspects | Qualcomm Incorporated | Agreement | 9.8 | **Noted** |  | - |
| S4-211012 | [FS\_5GMS-EXT] Key Topic Additional / New transport protocols | Qualcomm Incorporated | Agreement | 9.9 | **withdrawn** |  | - |
| S4-211013 | [FS\_5GMS-EXT] Key Topic Content Aware Streaming | Qualcomm Incorporated | Agreement | 9.9 | **withdrawn** |  | - |
| S4-211014 | [FS\_5GMS-EXT] Key Topic Support for encrypted and high-value content | Qualcomm Incorporated | Agreement | 9.9 | **withdrawn** |  | - |
| S4-211015 | [FS\_5GMS-EXT] Key Topic Scalable distribution of unicast Live Services | Qualcomm Incorporated | Agreement | 9.9 | **withdrawn** |  | - |
| [**S4-211036**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211036.zip) | [EVEX] Reference architecture for data collection and reporting | BBC, Qualcomm Incorporated | Agreement | 9.6 | **revised** | S4-211218 | - |
| [**S4-211038**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211038.zip) | [EVEX] LS on UE data collection and reporting | BBC | Discussion | 9.6 | **revised** | S4-211221 | - |
| [**S4-211050**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211050.zip) | [FS\_5GMS\_EXT]: Content Preparation: Conclusion and recommendations | Tencent | Agreement | 9.9 | **revised** | S4-211238 | - |
| [**S4-211051**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211051.zip) | Draft New WID on 5GMS content preparation extensions | Tencent | Agreement | 9.11 | **Noted** |  | - |
| [**S4-211076**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211076.zip) | Draft CR on Edge Extensions to 5GMS | QUALCOMM Europe Inc. - Italy |  | 9.7 | **revised** | S4-211249 | - |
| [**S4-211077**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211077.zip) | Updates to Proposed Timeplan for 5GMS\_EDGE | Qualcomm Incorporated |  | 9.7 | **revised** | S4-211269 | - |
| [**S4-211079**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211079.zip) | Update to Potential solution for Background Data Transfer in 5GMS | Qualcomm Incorporated |  | 9.9 | **revised** | S4-211272 | - |
| [**S4-211080**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211080.zip) | Considerations on Per-application Authorization | QUALCOMM Europe Inc. - Italy |  | 9.9 | **Withdrawn** |  | - |
| [**S4-211082**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211082.zip) | [5MBUSA] Work and Time Plan | TELUS |  | 9.8 | **revised** | S4-211173 | - |
| [**S4-211090**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211090.zip) | Discussion on QoE report handling at QoE pause | Huawei Technologies Co.,Ltd. | Agreement | 9.3 | **Noted** |  | - |
| [**S4-211096**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211096.zip) | [FS\_5GMS\_EXT]: Uplink streaming: Contribution reporting | Tencent | Agreement | 9.9 | **Noted** |  | - |
| [**S4-211097**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211097.zip) | [FS\_5GMS\_EXT]: Uplink streaming: Metric reporting | Tencent | Agreement | 9.9 | **revised** | S4-211239 | - |
| [**S4-211098**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211098.zip) | [FS\_5GMS\_EXT]: Uplink streaming: Conclusion and recommendations | Tencent | Agreement | 9.9 | **revised** | S4-211273 | - |
| [**S4-211099**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211099.zip) | Draft New WID on 5GMS additional uplink streaming extensions | Tencent | Agreement | 9.11 | **Noted** |  |  |
| [**S4-211101**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211101.zip) | Proposed Work Plan for EVEX | Qualcomm Incorporated | Agreement | 9.6 | **revised** | S4-211222 | - |
| [**S4-211102**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211102.zip) | Proposed TS 26.532 Skeleton v0.0.1 | Qualcomm Incorporated | Agreement | 9.6 | **revised** | S4-211220 | - |
| [**S4-211103**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211103.zip) | Applicability of SEAL in the Data Collection and Reporting Architecture | Qualcomm Incorporated | Discussion | 9.6 | **Noted** |  | - |
| [**S4-211106**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211106.zip) | Corrections to TS 26.512 | Qualcomm Incorporated | Agreement | 9.5 | **revised** | S4-211223 | - |
| S4-211107 | QoE Handling during RAN Overload induced Temporary Pause | Qualcomm Incorporated | Discussion | 9.3 | **withdrawn** |  | - |
| [**S4-211108**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211108.zip) | [FS\_5GMS\_EXT] New Transport Protocols - Conclusions and Recommendations | Tencent | Agreement | 9.9 | **revised** | S4-211274 | - |
| [**S4-211132**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211132.zip) | [Draft] Reply LS on QoE configuration and reporting related issues | Huawei Technologies Co.,Ltd. | Agreement | 9.3 | **revised** | S4-211227 | - |
| [**S4-211133**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211133.zip) | [Draft] LS Reply on QoE report handling at QoE pause | Huawei Technologies Co.,Ltd. | Agreement | 9.3 | **revised** | S4-211226 | - |
| [**S4-211134**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211134.zip) | [Draft] LS Reply on requirement for configuration changes of ongoing QMC sessions | Huawei Technologies Co.,Ltd. | Agreement | 9.3 | **revised** | S4-211230 | - |
| [**S4-211135**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211135.zip) | Discussion on Data Collection AF design based on CAPIF | Huawei Technologies Co.,Ltd. | Agreement | 9.6 | **Noted** |  | - |
| [**S4-211136**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211136.zip) | Discussion on 5GMS AF context definition | Huawei Technologies Co.,Ltd. | Agreement | 9.7 | **Noted** |  | - |
| [**S4-211137**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211137.zip) | QoE configuration release | Huawei Telecommunication India | Agreement | 9.3 | **revised** | S4-211228 | - |
| [**S4-211143**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211143.zip) | pCR to TS 26.502 on reference architecture | TELUS |  | 9.8 | **merged** | S4-211250 | - |
| [**S4-211161**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211161.zip) | [FS\_5GMS\_EXT] Proposal of Candidate Solutions for ToS based traffic detection | Ericsson LM | Agreement | 9.9 | **revised** | S4-211275 | - |
| [**S4-211162**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211162.zip) | [FS\_NPN4AVProd] Clarification of Cloud vs Remote Production | Ericsson LM, BBC, EBU, Sennheiser, Dolby | Agreement | 9.10 | **revised** | S4-211241 | - |
| [**S4-211163**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211163.zip) | [FS\_NPN4AVProd] Proposal of Media Protocol related Key Issues | Ericsson LM, BBC, EBU, Sennheiser, Dolby | Agreement | 9.10 | **revised** | S4-211242 | - |
| [**S4-211164**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211164.zip) | [FS\_NPN4AVProd] Proposal of a Remote Camera Configuration Key Issue | Ericsson LM, BBC, EBU, Sennheiser, Dolby | Agreement | 9.10 | **revised** | S4-211243 | - |
| [**S4-211165**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211165.zip) | [FS\_NPN4AVProd] Proposal of two bitrate adaptation related Key Issues | Ericsson LM, BBC, EBU, Sennheiser, Dolby | Agreement | 9.10 | **revised** | S4-211244 | - |
| [**S4-211166**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211166.zip) | [FS\_NPN4AVProd] Proposal of a Key Issue around configurable audio channels | Ericsson LM, BBC, EBU, Sennheiser, Dolby | Agreement | 9.10 | **revised** | S4-211245 | - |
| [**S4-211167**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211167.zip) | [FS\_NPN4AVProd] Proposal of a new NPN usage related Key Issue | Ericsson LM, BBC, EBU, Sennheiser, Dolby | Agreement | 9.10 | **revised** | S4-211246 | - |
| [**S4-211168**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211168.zip) | [FS\_NPN4AVProd] Proposed Timeplan updates | Ericsson LM | Agreement | 9.10 | **revised** | S4-211217 | - |
| [**S4-211173**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211173.zip) | [5MBUSA] Work and Time Plan | TELUS |  | 9.8 | **revised** | S4-211271 | - |
| [**S4-211174**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211174.zip) | Network Slicing Extensions for 5G Media Streaming | Samsung Electronics Co., Ltd., Qualcomm Incorporated | Agreement | 9.9 | **revised** | S4-211276 | - |
| [**S4-211175**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211175.zip) | Requirements for EAS Relocation Support in EMSA Architecture | Samsung Electronics Co., Ltd. | Agreement | 9.7 | **revised** | S4-211268 | - |
| **S4-211219** | Support of CAPIF for Data Collection AF | Huawei Technologies Co.,Ltd. | Agreement | 9.6 | **revised** | S4-211232 | - |
| [**S4-2112**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211061.zip)**28** | CR 26.247-0168 QoE configuration release (Rel-16) | Huawei Telecommunication India | Agreement | 9.3 | **revised** | S4-211235 | - |
| [**S4-2112**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211061.zip)**29** | DRAFT CR 26.114-xxxx QoE configuration release (Rel-16) | Huawei Technologies Co.,Ltd., Ericsson LM | Agreement | 9.3 | **revised** | S4-211236 | - |
| [**S4-2112**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211061.zip)**30** | [Draft] LS Reply on requirement for configuration changes of ongoing QMC sessions | Huawei Technologies Co.,Ltd. | Agreement | 9.3 | **revised** | S4-211248 | - |
| [**S4-2112**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211061.zip)**35** | CR 26.247-0168 rev1 QoE configuration release (Rel-16) | Huawei Telecommunication India | Agreement | 9.3 | **revised** | S4-211247 | - |
| [**S4-2112**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211061.zip)**36** | CR 26.114-0520 on QoE configuration release (Rel-16) | Huawei Technologies Co.,Ltd., Ericsson LM | Agreement | 9.3 | **revised** | S4-211283 | - |
| [**S4-2112**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211061.zip)**37** | CR 26.114-0521 on QoE configuration release (Rel-17) | Huawei Technologies Co.,Ltd., Ericsson LM | Agreement | 9.3 | **revised** | S4-211284 | - |
| [**S4-211250**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211061.zip) | Summary of offline agreements on 5MBUSA | Rapporteur | Agreement | 9.8 | **revised** | S4-211270 | - |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |

## 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** |
| [**S4-211058**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211058.zip) | LS on QoE report handling at QoE pause | 3GPP RAN2 | Discussion | 9.3 | **Replied to (1133)** |  | 6.2 |
| [**S4-211059**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211059.zip) | LS on QoE configuration and reporting related issues | 3GPP RAN2 | Discussion | 9.3 | **Replied to (1132)** |  | 6.2 |
| [**S4-211061**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211061.zip) | LS on the mapping between service types and slice at application | 3GPP RAN3 | Discussion | 9.3 | **Replied to (1225)** |  | 6.2 |
| [**S4-211062**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211062.zip) | LS on requirement for configuration changes of ongoing QMC sessions | 3GPP RAN3 | Discussion | 9.3 | **Replied to (1134)** |  | 6.2 |
| [**S4-211063**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211063.zip) | LS on the area handling for QoE during mobility | 3GPP RAN3 | Discussion | 9.3 | **Noted** |  | 6.2 |
| [**S4-211064**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211064.zip) | Reply LS to SA4 on UE Data Collection | 3GPP SA2 | Discussion | 9.3 | **Noted** |  | 6.2 |
| [**S4-211065**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211065.zip) | Reply LS on work split for MBSF and MBSTF definition | 3GPP SA2 | Discussion | 9.3 | **Replied to (1224)** |  | 6.2 |
| S4-211123 | [FS\_5GMS\_EXT] Updated Workplan | Tencent | Approval | 9.9 |  |  | 18.6 |
| [**S4-211221**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211061.zip) | [EVEX] LS on UE data collection and reporting | BBC | Discussion | 9.6 | **-** |  | 16.6 |
| [**S4-211222**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211061.zip) | Proposed Work Plan for EVEX | Qualcomm Incorporated | Agreement | 9.6 | **-** |  | 16.6 |
| [**S4-211224**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211061.zip) | [Draft] Reply LS on work split for MBSF and MBSTF definition (To: SA2) | Ericsson | Approval | 9.3 | **-** |  | 6.2 |
| **S4-211225** | [Draft] Reply LS on the mapping between service types and slice at application (To: RAN3) | Qualcomm | Approval | 9.3 | **-** |  | 6.2 |
| [**S4-2112**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211061.zip)**33** | Draft TS 26.531 | Editor (BBC) | Agreement | 9.6 | **-** |  | 16.6 |
| [**S4-211240**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211061.zip) | Draft TR FS\_5GMS\_EXT | Editor | Agreement | 9.9 | **-** |  | 18.6 |
| [**S4-211243**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211061.zip) | [FS\_NPN4AVProd] Proposal of a Remote Camera Configuration Key Issue | Ericsson LM, BBC, EBU, Sennheiser, Dolby | Agreement | 9.10 | **-** |  | 18.7 |
| [**S4-211244**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211061.zip) | [FS\_NPN4AVProd] Proposal of two bitrate adaptation related Key Issues | Ericsson LM, BBC, EBU, Sennheiser, Dolby | Agreement | 9.10 | **-** |  | 18.7 |
| [**S4-211245**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211061.zip) | [FS\_NPN4AVProd] Proposal of a Key Issue around configurable audio channels | Ericsson LM, BBC, EBU, Sennheiser, Dolby | Agreement | 9.10 | **-** |  | 18.7 |
| [**S4-211246**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211061.zip) | [FS\_NPN4AVProd] Proposal of a new NPN usage related Key Issue | Ericsson LM, BBC, EBU, Sennheiser, Dolby | Agreement | 9.10 | **-** |  | 18.7 |
| [**S4-211251**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211061.zip) | Draft TS 26.502 v0.1.0 | Editor (BBC) | Agreement | 9.8 | **-** |  | 16.8 |
| [**S4-211267**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211061.zip) | Draft TR 26.805 | Editor (Ericsson) | Agreement | 9.10 | **-** |  | 18.7 |
| [**S4-211270**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211061.zip) | Summary of offline agreements on 5MBUSA | Rapporteur | Agreement | 9.8 | **-** |  | 16.8 |
| [**S4-211283**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211061.zip) | CR 26.114-0520 on QoE configuration release (Rel-16) | Huawei Technologies Co.,Ltd., Ericsson LM | Agreement | 9.3 | **-** |  | 15 |
| [**S4-211284**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211061.zip) | CR 26.114-0521 on QoE configuration release (Rel-17) | Huawei Technologies Co.,Ltd., Ericsson LM | Agreement | 9.3 | **-** |  | 15 |
| [**S4-211285**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_115-e/Docs/S4-211061.zip) | MBS SWG report | MBS SWG Chair | Approval | - | **-** |  | 14.2 |

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