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

**Title: 3GPP SA4 MBS SWG report during SA4#113-e**

**Document for: Approval**

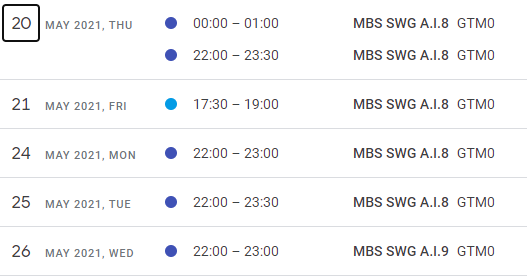
**Agenda item: 13.2**

MBS SWG Minutes during SA4#114-e

## 8.1 Opening of the session

The MBS SWG e-mail discussions started on Wednesday, 19 May at 06:22:40 CEST.

MBS SWG Telcos are scheduled as follows in CEST times:



Mr. Frédéric Gabin (Dolby, Chairman of MBS SWG) opens the telco sessions on 20 May at 00:00 CEST.

This document was shared [online](https://docs.google.com/document/d/1OguUwqgZQQ6ZmJVQw1rqkrv6nrxeYD-kaVfMxMf-Qro/edit?usp=sharing).

Attendees are listed [here](#l8p233no1p72), please add attendance ‘Y’.

Scribes:

* Prakash Kolan (Samsung)
* Julien Lemotheux (Orange)
* Richard Bradbury (BBC)
* Thomas Stockhammer (Qualcomm) - helps on e-mail agreement

E-mail discussion from here:

* <https://list.etsi.org/scripts/wa.exe?A1=ind2105C&L=3GPP_TSG_SA_WG4_MBS>
* <https://list.etsi.org/scripts/wa.exe?A1=ind2105D&L=3GPP_TSG_SA_WG4_MBS>

## 8.2 Registration of documents

The following documents were allocated at the start of the MBS online session, May 20, 2021.

|  |  |  |  |
| --- | --- | --- | --- |
| 8 | Multicast-Broadcast-Streaming (MBS) SWG | - |  |
| 8.1 | Opening of the session | A |  |
| 8.2 | Registration of documents | A |  |
| 8.3 | Reports/Liaisons from other groups/meetings | A |  |
| 8.4 | Issues for immediate consideration | A |  |
| 8.5 | CRs to features in Release 16 and earlier | A | 26.512: 724, 820, 759  26.501: 742 |
| 8.6 | FS\_5GMS\_Multicast (Feasibility Study on Multicast Architecture Enhancements for 5GMSA) | A | 26.802: 729  TP: 778  KI#1: 722  Nmb2: 821  General: 802  MBMS SL re-use: 803  Hybrid: 804  Interworking: 805  Conclusions: 779 |
| 8.7 | FS\_EMSA (Feasibility Study on Streaming Architecture extensions For Edge processing) | A | 26.803: 828  Use cases: 721, 814, 768  Edge: 772  EAS relocation: 773, 774, 813, 826, 827 |
| 8.8 | FS\_5GMS\_EXT (Study on 5G media streaming extensions) | B | 26.804: 725  Data collection: 723, 760->951  Traffic identification: 822, 771  Content aware str.: 770  Uplink streaming: 775, 766, 767,  Live: 809  Content prep: 764, 765  TP: 769  Transport: 830    761, 806, 807, 808, ~~835~~, ~~837~~, ~~728~~ |
| 8.9 | FS\_NPN4AVProd (Feasibility Study on Media Production over 5G NPN) | B | 26.805: 726  Multi-camera: 832  Production types & workflows: 823 |
| 8.10 | New Work / New Work Items and Study Items | B | 715, 812, 780      ~~847~~ |
| 8.11 | Others including TEI | B |  |
| 8.12 | Review of the future work plan (next meeting dates, hosts) | B |  |
| 8.13 | Any Other Business | B |  |
| 8.14 | Close of the session | B |  |

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| --- | --- | --- | --- | --- |
| TDoc | Title | Source | Contact | Agenda item |
| [S4-210717](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210717.zip) | Reply LS on Server Domain Name Usage for Application Traffic Detection | 3GPP CT3 | Jayeeta Saha | 5.2 |
| [S4-210718](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210718.zip) | LS on Clarification on the API design principles | 3GPP CT3 | Jayeeta Saha | 5.2 |
| [S4-210719](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210719.zip) | LS on Server Domain Name Usage for Application Traffic Detection | 3GPP SA2 | Jayeeta Saha | 5.2 |
| [S4-210724](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210724.zip) | Corrections to 5GMS stage 3 specification | BBC | Richard Bradbury | 8.5 |
| [S4-210742](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210742.zip) | Corrections and Additions to TS 26.501 | Qualcomm Incorporated | Charles Lo | 8.5 |
| [S4-210759](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210759.zip) | ClientId for Consumption and Metrics Reporting, and Dynamic Policy and Network Assistance Access | Qualcomm Incorporated, BBC, Ericsson LM | Charles Lo | 8.5 |
| [S4-210820](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210820.zip) | Correction on Dynamic Policy parameters | Ericsson LM | Bo Burman | 8.5 |
| [S4-210722](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210722.zip) | Conclusions and next steps for Key Issue #1 | BBC | Richard Bradbury | 8.6 |
| [S4-210729](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210729.zip) | Draft TR 26.802 v1.2.8 | TELUS | PENG TAN | 8.6 |
| [S4-210778](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210778.zip) | [FS\_5GMS\_Multicast] Updated time and work plan | TELUS | PENG TAN | 8.6 |
| [S4-210779](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210779.zip) | [FS\_5GMS\_Multicast] pCR to TR 26.802 on conclusions | TELUS | PENG TAN | 8.6 |
| [S4-210802](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210802.zip) | [FS\_5GMS\_Multicast] General Updates | Qualcomm Incorporated | Thomas Stockhammer | 8.6 |
| [S4-210803](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210803.zip) | [FS\_5GMS\_Multicast] Key issue on re-use of MBMS service layer | Qualcomm Incorporated | Thomas Stockhammer | 8.6 |
| [S4-210804](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210804.zip) | [FS\_5GMS\_Multicast] Hybrid Services | Qualcomm Incorporated | Thomas Stockhammer | 8.6 |
| [S4-210805](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210805.zip) | [FS\_5GMS\_Multicast] Interworking | Qualcomm Incorporated | Thomas Stockhammer | 8.6 |
| [S4-210821](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210821.zip) | Handling of InBand Fragments on Nmb2 (former Nx2) | Ericsson LM | Bo Burman | 8.6 |
| [S4-210721](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210721.zip) | Analysis of EMSA Use Cases | BBC | Richard Bradbury | 8.7 |
| [S4-210768](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210768.zip) | [FS\_EMSA]: User-generated live streaming walkthrough | Tencent | Iraj Sodagar | 8.7 |
| [S4-210772](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210772.zip) | [FS\_EMSA] Updated text for SA2 Edge Support | Huawei Technologies Co.,Ltd. | Qi Pan | 8.7 |
| [S4-210773](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210773.zip) | Discussion on 5GMS context transfer among multiple 5GMS AF instances | Huawei Technologies Co.,Ltd. | Qi Pan | 8.7 |
| [S4-210774](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210774.zip) | General Call flow for EAS relocation based on the EMSA architecture | Huawei Technologies Co.,Ltd. | Qi Pan | 8.7 |
| [S4-210813](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210813.zip) | Considerations on Media Application Relocation | Qualcomm Wireless GmbH | Imed Bouazizi | 8.7 |
| [S4-210814](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210814.zip) | Use Case Walkthrough | Qualcomm Wireless GmbH | Imed Bouazizi | 8.7 |
| [S4-210826](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210826.zip) | EAS Relocation Aspects in EMSA | Samsung Electronics Polska | Prakash Kolan | 8.7 |
| [S4-210827](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210827.zip) | EAS Relocation Gap in EMSA architecture | Samsung Electronics Polska, Tencent | Prakash Kolan | 8.7 |
| [S4-210828](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210828.zip) | Updated TR 26.803 | Qualcomm Wireless GmbH | Imed Bouazizi | 8.7 |
| [S4-210723](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210723.zip) | Discussion on generic architecture for data collection and reporting | BBC, Dolby Laboratories Inc., LM Ericsson, Qualcomm | Richard Bradbury | 8.8 |
| [S4-210725](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210725.zip) | draft TR 26.804 v0.2.1 | Ericsson GmbH, Eurolab | Thorsten Lohmar | 8.8 |
| [S4-210728](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210728.zip) | FS\_5GMS\_EXT: Updated gap analysis for content preparation | Tencent | Iraj Sodagar | 8.8 |
| [S4-210760](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210760.zip) | Interfaces and Formats for AF Data Collection and Event Exposure | Qualcomm Incorporated | Charles Lo | 8.8 |
| [S4-210761](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210761.zip) | Use Cases for Uplink Streaming Metrics Reporting | Qualcomm Incorporated | Charles Lo | 8.8 |
| [S4-210764](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210764.zip) | [FS\_5GMS\_EXT]: Content preparation: Address translation gap | Tencent | Iraj Sodagar | 8.8 |
| [S4-210765](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210765.zip) | [FS\_5GMS\_EXT]: Content preparation: CMAF template | Tencent | Iraj Sodagar | 8.8 |
| [S4-210766](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210766.zip) | [FS\_5GMS\_EXT]: Uplink streaming: Other collaboration scenarios call flows | Tencent | Iraj Sodagar | 8.8 |
| [S4-210767](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210767.zip) | [FS\_5GMS\_EXT]: Uplink streaming: additional potential open issues | Tencent | Iraj Sodagar | 8.8 |
| [S4-210769](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210769.zip) | [FS\_5GMS\_EXT]: Proposed workplan update | Tencent | Iraj Sodagar | 8.8 |
| [S4-210770](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210770.zip) | Update on the content aware streaming | Huawei Technologies Co.,Ltd. | Qi Pan | 8.8 |
| [S4-210771](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210771.zip) | Update on relevant architecture components for traffic identificaiton | Huawei Technologies Co.,Ltd. | Qi Pan | 8.8 |
| [S4-210775](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210775.zip) | Updated text on uplink streaming | Qualcomm Incorporated | Charles Lo | 8.8 |
| [S4-210806](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210806.zip) | [FS\_5GMS-EXT] Key Topic Additional / New transport protocols | Qualcomm Incorporated | Thomas Stockhammer | 8.8 |
| [S4-210807](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210807.zip) | [FS\_5GMS-EXT] Key Topic Content Aware Streaming | Qualcomm Incorporated | Thomas Stockhammer | 8.8 |
| [S4-210808](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210808.zip) | [FS\_5GMS-EXT] Key Topic Support for encrypted and high-value content | Qualcomm Incorporated | Thomas Stockhammer | 8.8 |
| [S4-210809](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210809.zip) | [FS\_5GMS-EXT] Key Topic Scalable distribution of unicast Live Services | Qualcomm Incorporated | Thomas Stockhammer | 8.8 |
| [S4-210822](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210822.zip) | Clarification of Traffic Identification description and addition of identified open issues | Ericsson LM | Bo Burman | 8.8 |
| [S4-210830](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210830.zip) | [FS\_5GMS-EXT] New transport protocols/Corrections and Improvements | Tencent | Spencer Dawkins | 8.8 |
| [S4-210835](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210835.zip) | Proposed Solution for Background Traffic | Qualcomm Wireless GmbH | Imed Bouazizi | 8.8 |
| [S4-210837](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210837.zip) | Candidate Solution for Per-Application Authorization | Qualcomm Wireless GmbH | Imed Bouazizi | 8.8 |
| [S4-210726](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210726.zip) | draft TR 26.805 v 0.1.1 | Ericsson GmbH, Eurolab | Thorsten Lohmar | 8.9 |
| [S4-210823](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210823.zip) | Addition of different production types and addition of more information about existing workflows | Ericsson LM, BBC, EBU, Sennheiser | Bo Burman | 8.9 |
| [**S4-210832**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210832.zip) | FS\_NPN4AVProd: Utilizing Available Capacity in Multi-Camera Scenarios | Sony Europe B.V. | Peter Isberg | 8.9 |
| [S4-210715](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210715.zip) | Draft New WID on 5GMS AF Event Exposure | Qualcomm Incorporated, AT&T, Ericsson LM, Enensys, BBC, Huawei | Charles Lo | 8.10 |
| [S4-210780](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210780.zip) | New Work Item on 5G MBS-based service and delivery method | TELUS | PENG TAN | 8.10 |
| [S4-210812](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210812.zip) | WID on Extensions to Support Media processing in the Edge | Qualcomm Wireless GmbH | Imed Bouazizi | 8.10 |
| [S4-210847](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210847.zip) | Draft New WID on 5GMS AF Event Exposure | Qualcomm Incorporated, AT&T, Ericsson LM, Enensys, BBC, Huawei | Charles Lo | 8.10 |

## 8.3 Reports/Liaisons from other groups/meetings

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| [S4-210717](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210717.zip) | Reply LS on Server Domain Name Usage for Application Traffic Detection | 3GPP CT3 | Jayeeta Saha |

**E-mail Discussion:**

None triggered.

**Presenter: Thorsten Lohmar, Ericsson**

**Online Discussion:**

* Richard: Relationship between AF identifier and AF application identifier is one-to-many?
* Fred: Maybe one-to-one. Not clear from the LS response.
* Thorsten: NEF may map AF identifier to the required application identifier
* Richard: Can we get a clarification from CT3?

**Decision:**

* Noted.

[**S4-210717**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210717.zip) is noted.

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| [S4-210719](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210719.zip) | LS on Server Domain Name Usage for Application Traffic Detection | 3GPP SA2 | Jayeeta Saha |

**E-mail Discussion:**

None triggered

**Presenter: Thorsten Lohmar, Ericsson**

**Online Discussion:**

* Frederic: Stage 2 is clarified on the SA2 side.
* Imed: AF knows if it is trusted domain or not
* Thorsten: Application Id is retrieved using PFD management API.
* Imed: Is M8 used to get the application Id using the PFD management API? Do we know how AF gets this Id?

**Decision:**

* Document is noted.

[**S4-210719**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210719.zip) is noted.

## 8.4 Issues for immediate consideration

## 8.5 CRs to features in Release 16 and earlier

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| --- | --- | --- | --- |
| [S4-210724](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210724.zip) | Corrections to 5GMS stage 3 specification | BBC | Richard Bradbury |

**E-mail Discussion:**

|  |  |  |
| --- | --- | --- |
| [**[8.5; 724; Block A; 19May 2100 CEST] Draft CR to TS 26.512 on Corrections to 5GMS stage 3 specification (Rel-16) -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=2396) | Gabin, Frederic | Wed, 19 May 2021 04:22:40 +0000 |
| [**[8.5; 724; Block A; 19May 2100 CEST] Draft CR to TS 26.512 on Corrections to 5GMS stage 3 specification (Rel-16) -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=23128) | panqi (E) | Wed, 19 May 2021 08:55:38 +0000 |
| [**[8.5; 724; Block A; 19May 2100 CEST] Draft CR to TS 26.512 on Corrections to 5GMS stage 3 specification (Rel-16) -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=28682) | Richard Bradbury | Wed, 19 May 2021 11:57:38 +0100 |
| [**[8.5; 724; Block A; 19May 2100 CEST] Draft CR to TS 26.512 on Corrections to 5GMS stage 3 specification (Rel-16) -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=29315) | Gabin, Frederic | Wed, 19 May 2021 12:14:46 +0000 |
| [**[8.5; 724; Block A; 19May 2100 CEST] Draft CR to TS 26.512 on Corrections to 5GMS stage 3 specification (Rel-16) -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=33391) | Imed Bouazizi | Wed, 19 May 2021 15:58:41 +0000 |
| [**[8.5; 724; Block A; 19May 2100 CEST] Draft CR to TS 26.512 on Corrections to 5GMS stage 3 specification (Rel-16) -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=34185) | Richard Bradbury | Wed, 19 May 2021 17:03:11 +0100 |
| [**[8.5; 724; Block A; 19May 2100 CEST] Draft CR to TS 26.512 on Corrections to 5GMS stage 3 specification (Rel-16) -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=36820) | Thorsten Lohmar | Wed, 19 May 2021 17:03:18 +0000 |
| [**[8.5; 724; Block A; 19May 2100 CEST] Draft CR to TS 26.512 on Corrections to 5GMS stage 3 specification (Rel-16) -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=44436) | Thorsten Lohmar | Wed, 19 May 2021 20:26:12 +0000 |
| [**[8.5; 724; Block A; 19May 2100 CEST] Draft CR to TS 26.512 on Corrections to 5GMS stage 3 specification (Rel-16) -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=42478) | Richard Bradbury | Wed, 19 May 2021 21:00:20 +0100 |
| [**[8.5; 724; Block A; 19May 2100 CEST] Draft CR to TS 26.512 on Corrections to 5GMS stage 3 specification (Rel-16) -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=47376) | Gabin, Frederic | Wed, 19 May 2021 21:29:32 +0000 |
| [**[8.5; 724; Block A; 19May 2100 CEST] Draft CR to TS 26.512 on Corrections to 5GMS stage 3 specification (Rel-16) -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=49056) | Richard Bradbury | Wed, 19 May 2021 22:40:43 +0100 |
| [**[8.5; 724->895; Block A; 19May 2100 CEST] Draft CR to TS 26.512 on Corrections to 5GMS stage 3 specification (Rel-16) -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=68475) | Richard Bradbury | Thu, 20 May 2021 11:36:00 +0100 |
| [**[8.5; 724->895->903; Block A; 19May 2100 CEST] Draft CR to TS 26.512 on Corrections to 5GMS stage 3 specification (Rel-16) -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=58766) | Richard Bradbury | Mon, 24 May 2021 21:18:04 +0100 |

**Presenter: Richard Bradbury, BBC**

**Online Discussion:**

* r02 was presented.
* None

**Decision:**

* Content is agreed. To be converted to a formal CR [S4-210895](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210895.zip).

[**S4-210724**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210724.zip) is agreed.

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| [S4-210](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_114-e/Docs/S4-210724.zip)895 | CR to TS 26.512-0011 on Corrections to 5GMS stage 3 specification (Rel-16) | BBC | Richard Bradbury |

**E-mail Discussion:**

See [S4-210724](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210724.zip).

**Presenter: Richard Bradbury, BBC**

**Online Discussion:**

* Richard: Couple of typos have been changed.
* Frédéric: The cover sheet needs to be updated (Is it UICC apps, ME, RAN or Core network?)

**Decision:**

* Revised to correct the cover sheet. The revision (903) is agreed and goes to the plenary..

[**S4-210895**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210895.zip) is revised to [S4-210903](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210903.zip).

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| [S4-210](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_114-e/Docs/S4-210724.zip)903 | CR to TS 26.512-0011 rev1 on Corrections to 5GMS stage 3 specification (Rel-16) | BBC | Richard Bradbury |

**E-mail Discussion:**

See [S4-210865](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210865.zip).

**Decision:**

* Agreed without presentation and goes to the plenary..

[**S4-210903**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210903.zip) is agreed.

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| [S4-210742](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210742.zip) | Corrections and Additions to TS 26.501 | Qualcomm Incorporated | Charles Lo |

**E-mail Discussion:**

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| [**[8.5; 742; Block A; 19May 2100 CEST] Draft CR to TS 26.501 on Corrections and Additions (Rel-16)**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=3326) | Gabin, Frederic | Wed, 19 May 2021 04:22:42 +0000 |
| [**[8.5; 742; Block A; 19May 2100 CEST] Draft CR to TS 26.501 on Corrections and Additions (Rel-16)**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=20860) | Richard Bradbury | Wed, 19 May 2021 09:33:09 +0100 |
| [**[8.5; 742; Block A; 19May 2100 CEST] Draft CR to TS 26.501 on Corrections and Additions (Rel-16)**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=37807) | Thorsten Lohmar | Wed, 19 May 2021 17:17:26 +0000 |
| [**[8.5; 742; Block A; 19May 2100 CEST] Draft CR to TS 26.501 on Corrections and Additions (Rel-16)**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=40980) | Charles Lo | Wed, 19 May 2021 19:10:41 +0000 |
| [**[8.5; 742; Block A; 19May 2100 CEST] Draft CR to TS 26.501 on Corrections and Additions (Rel-16)**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=45523) | Thorsten Lohmar | Wed, 19 May 2021 20:30:53 +0000 |
| [**[8.5; 742; Block A; 19May 2100 CEST] Draft CR to TS 26.501 on Corrections and Additions (Rel-16)**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=50157) | Gabin, Frederic | Wed, 19 May 2021 21:45:37 +0000 |
| [**[8.5; 742; Block A; 19May 2100 CEST] Draft CR to TS 26.501 on Corrections and Additions (Rel-16)**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=60788) | Charles Lo | Thu, 20 May 2021 04:22:53 +0000 |
| [**[8.5; 742; Block A; 19May 2100 CEST] Draft CR to TS 26.501 on Corrections and Additions (Rel-16)**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=63764) | Gunnar Heikkilä | Thu, 20 May 2021 06:40:12 +0000 |
| [**[8.5; 742; Block A; 19May 2100 CEST] Draft CR to TS 26.501 on Corrections and Additions (Rel-16)**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=66741) | Richard Bradbury | Thu, 20 May 2021 10:00:06 +0100 |
| [**[8.5; 742; Block A; 19May 2100 CEST] Draft CR to TS 26.501 on Corrections and Additions (Rel-16)**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=67000) | Richard Bradbury | Thu, 20 May 2021 10:06:36 +0100 |
| [**[8.5; 742; Block A; 19May 2100 CEST] Draft CR to TS 26.501 on Corrections and Additions (Rel-16)**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=93832) | Thorsten Lohmar | Thu, 20 May 2021 14:55:38 +0000 |
| [**[8.5; 742; Block A; 19May 2100 CEST] Draft CR to TS 26.501 on Corrections and Additions (Rel-16)**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=98437) | Charles Lo | Thu, 20 May 2021 15:22:51 +0000 |
| [**[8.5; 742; Block A; 19May 2100 CEST] Draft CR to TS 26.501 on Corrections and Additions (Rel-16)**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=105901) | Charles Lo | Thu, 20 May 2021 17:05:39 +0000 |
| [**[8.5; 742; Block A; 19May 2100 CEST] Draft CR to TS 26.501 on Corrections and Additions (Rel-16)**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=105333) | Richard Bradbury | Thu, 20 May 2021 17:55:57 +0100 |

**Presenter: Charles Lo, Qualcomm**

**Online Discussion:**

* Thorsten: Good to catch loose ends for uplink streaming. But we don’t have any metrics scheme or protocol agreed for uplink metrics yet. Prefer to add this call flow only when it’s clear that it is useful and usable. For now, better to do corrections to change hints or add a note saying that it will be added in a later release.
* Frederic: Release 16 is frozen for a year now. We should limit ourselves to essential corrections. “Additions” should disappear from the title, we should only have corrections.

**Decision:**

* Clause 6.8 call flow will be withdrawn in a revision.
* CR title will be just corrections (not additions).

[**S4-210742**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210742.zip) is revised to [**S4-210898**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210898.zip).

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| [S4-210](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_114-e/Docs/S4-210742.zip)898 | CR to TS 26.512-00XX on Corrections (Rel-16) | Qualcomm Incorporated | Charles Lo |

**E-mail Discussion:**

See [S4-210742](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210742.zip).

**Presenter: Charles Lo, Qualcomm**

**Online Discussion:**

* None.

**Decision:**

* Agreed.

[**S4-210898**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210898.zip) is agreed.

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| [S4-210759](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210759.zip) | ClientId for Consumption and Metrics Reporting, and Dynamic Policy and Network Assistance Access | Qualcomm Incorporated, BBC, Ericsson LM | Charles Lo |

**E-mail Discussion:**

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| [**[8.5; 759; Block A; 19May 2100 CEST] CR to TS 26.512 on ClientId for Consumption and Metrics Reporting, and Dynamic Policy and Network Assistance Access (Rel-16) -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=4211) | Gabin, Frederic | Wed, 19 May 2021 04:22:44 +0000 |
| [**[8.5; 759; Block A; 19May 2100 CEST] CR to TS 26.512 on ClientId for Consumption and Metrics Reporting, and Dynamic Policy and Network Assistance Access (Rel-16) -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=22335) | panqi (E) | Wed, 19 May 2021 08:54:47 +0000 |
| [**[8.5; 759; Block A; 19May 2100 CEST] CR to TS 26.512 on ClientId for Consumption and Metrics Reporting, and Dynamic Policy and Network Assistance Access (Rel-16) -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=21118) | Richard Bradbury | Wed, 19 May 2021 09:33:26 +0100 |
| [**[8.5; 759; Block A; 19May 2100 CEST] CR to TS 26.512 on ClientId for Consumption and Metrics Reporting, and Dynamic Policy and Network Assistance Access (Rel-16) -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=28974) | Richard Bradbury | Wed, 19 May 2021 12:06:37 +0100 |
| [**[8.5; 759; Block A; 19May 2100 CEST] CR to TS 26.512 on ClientId for Consumption and Metrics Reporting, and Dynamic Policy and Network Assistance Access (Rel-16) -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=31745) | Gunnar Heikkilä | Wed, 19 May 2021 15:34:13 +0000 |
| [**[8.5; 759; Block A; 19May 2100 CEST] CR to TS 26.512 on ClientId for Consumption and Metrics Reporting, and Dynamic Policy and Network Assistance Access (Rel-16) -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=46358) | panqi (E) | Wed, 19 May 2021 20:59:57 +0000 |
| [**[8.5; 759; Block A; 19May 2100 CEST] CR to TS 26.512 on ClientId for Consumption and Metrics Reporting, and Dynamic Policy and Network Assistance Access (Rel-16) -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=49348) | Gabin, Frederic | Wed, 19 May 2021 21:40:14 +0000 |

**Presenter: Charles Lo, Qualcomm**

**Online Discussion:**

* Thorsten: About the title of the CR, changes do not apply to dynamic policy and network assistance anymore.
* Yes, the title has to be changed to ClientId for Consumption and Metrics Reporting.

**Decision:**

* Change is agreeable.
* Revised to remove “draft” and change the title.

[**S4-210759**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210759.zip) is revised to [**S4-210897**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210897.zip).

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| [S4-210](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_114-e/Docs/S4-210759.zip)897 | CR to TS 26.512-0010 ClientId for Consumption and Metrics Reporting | Qualcomm Incorporated, BBC, Ericsson LM | Charles Lo |

**E-mail Discussion:**

See [S4-210759](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210759.zip).

**Presenter: Charles Lo, Qualcomm**

**Online Discussion:**

* None.

**Decision:**

* Agreed.

[**S4-210897**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210897.zip) is agreed.

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| [S4-210820](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210820.zip) | Correction on Dynamic Policy parameters | Ericsson LM | Bo Burman |

**E-mail Discussion:**

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| [**[8.5; 820; Block A; 19May 2100 CEST] Draft CR to TS 26.512 on Corrections to 5GMS stage 3 specification (Rel-16) -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=5179) | Gabin, Frederic | Wed, 19 May 2021 04:22:45 +0000 |
| [**[8.5; 820; Block A; 19May 2100 CEST] Draft CR to TS 26.512 on Corrections to 5GMS stage 3 specification (Rel-16) -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=21748) | panqi (E) | Wed, 19 May 2021 08:52:06 +0000 |
| [**[8.5; 820; Block A; 19May 2100 CEST] Draft CR to TS 26.512 on Corrections to 5GMS stage 3 specification (Rel-16) -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=21457) | Richard Bradbury | Wed, 19 May 2021 09:34:57 +0100 |
| [**[8.5; 820; Block A; 19May 2100 CEST] Draft CR to TS 26.512 on Corrections to 5GMS stage 3 specification (Rel-16) -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=35653) | Thorsten Lohmar | Wed, 19 May 2021 16:47:54 +0000 |
| [**[8.5; 820; Block A; 19May 2100 CEST] Draft CR to TS 26.512 on Corrections to 5GMS stage 3 specification (Rel-16) -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=36528) | Richard Bradbury | Wed, 19 May 2021 18:01:42 +0100 |
| [**[8.5; 820; Block A; 19May 2100 CEST] Draft CR to TS 26.512 on Corrections to 5GMS stage 3 specification (Rel-16) -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=40073) | Thomas Stockhammer | Wed, 19 May 2021 18:24:40 +0000 |
| [**[8.5; 820; Block A; 19May 2100 CEST] Draft CR to TS 26.512 on Corrections to 5GMS stage 3 specification (Rel-16) -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=48123) | Gabin, Frederic | Wed, 19 May 2021 21:32:36 +0000 |
| [**[8.5; 820; Block A; 19May 2100 CEST] Draft CR to TS 26.512 on Corrections to 5GMS stage 3 specification (Rel-16) -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=77375) | Thorsten Lohmar | Thu, 20 May 2021 13:17:14 +0000 |

**Presenter: Thorsten Lohmar, Ericsson**

**Online Discussion:**

* BBC version was presented.
* Frederic: Comments on e-mail to not create Release 17 until we need to (to reduce mirror CRs). Also preferable to have a normative work item before starting work on Release 17. But can maintain a draft CR for Release 17 to collect proposed changes.
* Frederic: Best practice not to refer to a particular release number in the specification text. Better to refer to “...in the current release” or “...definition is for future study”.
* Richard: We can use TR to backlog the requirement

**Decision:**

* Text is agreeable.
* Author will amend the “Release 16” text to “current release” when creating the CR.

[**S4-210820**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210820.zip) is revised to [**S4-210896**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210896.zip).

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| [S4-210](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_114-e/Docs/S4-210820.zip)896 | CR to TS 26.512-0012 Correction on Dynamic Policy parameters (Rel-16) | Ericsson LM | Bo Burman |

**E-mail Discussion:**

See [S4-210820](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210820.zip).

**Presenter: Thorsten Lohmar, Ericsson**

**Online Discussion:**

* Cover sheet to be corrected.

**Decision:**

* Revised to 904. Revision will be agreed without presentation.

[**S4-210896**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210896.zip) is revised to [**S4-210904**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210904.zip).

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| [S4-210](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_114-e/Docs/S4-210820.zip)904 | CR to TS 26.512-0012 rev1 Correction on Dynamic Policy parameters | Ericsson LM | Bo Burman |

**E-mail Discussion:**

See [S4-210820](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210820.zip).

**Decision:**

* Agreed without presentation.

[**S4-210904**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210904.zip) is agreed.

## 8.6 FS\_5GMS\_Multicast (Feasibility Study on Multicast Architecture Enhancements for 5GMSA)

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| [S4-210722](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210722.zip) | Conclusions and next steps for Key Issue #1 | BBC | Richard Bradbury |

**E-mail Discussion:**

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| [**[8.6 FS\_5GMS\_Multicast; 722; Block A; 20May 2100 CEST] Pseudo CR to TR 26.802 on Conclusions and next steps for Key Issue #1 -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=7038) | Gabin, Frederic | Wed, 19 May 2021 05:13:01 +0000 |
| [**[8.6 FS\_5GMS\_Multicast; 722; Block A; 20May 2100 CEST] Pseudo CR to TR 26.802 on Conclusions and next steps for Key Issue #1 -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=89274) | Gabin, Frederic | Thu, 20 May 2021 14:27:54 +0000 |
| [**[8.6 FS\_5GMS\_Multicast; 722; Block A; 20May 2100 CEST] Pseudo CR to TR 26.802 on Conclusions and next steps for Key Issue #1 -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=94658) | Thorsten Lohmar | Thu, 20 May 2021 14:57:37 +0000 |
| [**[8.6 FS\_5GMS\_Multicast; 722; Block A; 20May 2100 CEST] Pseudo CR to TR 26.802 on Conclusions and next steps for Key Issue #1 -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=110923) | Gabin, Frederic | Thu, 20 May 2021 19:35:25 +0000 |
| [**[8.6 FS\_5GMS\_Multicast; 722; Block A; 20May 2100 CEST] Pseudo CR to TR 26.802 on Conclusions and next steps for Key Issue #1 -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=123351) | Peng Tan | Thu, 20 May 2021 20:23:26 +0000 |
| [**[8.6 FS\_5GMS\_Multicast; 722; Block A; 20May 2100 CEST] Pseudo CR to TR 26.802 on Conclusions and next steps for Key Issue #1 -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=133300) | Peng Tan | Thu, 20 May 2021 22:00:42 +0000 |
| [**[8.6 FS\_5GMS\_Multicast; 722; Block A; 20May 2100 CEST] Pseudo CR to TR 26.802 on Conclusions and next steps for Key Issue #1 -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=141159) | Richard Bradbury | Thu, 20 May 2021 23:12:10 +0100 |
| [**[8.6 FS\_5GMS\_Multicast; 722; Block A; 21May 2000 CEST] Pseudo CR to TR 26.802 on Conclusions and next steps for Key Issue #1 -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=126781) | Gabin, Frederic | Thu, 20 May 2021 21:50:14 +0000 |
| [**[8.6 FS\_5GMS\_Multicast; 722; Block A; 21May 2000 CEST] Pseudo CR to TR 26.802 on Conclusions and next steps for Key Issue #1 -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=134220) | Peng Tan | Thu, 20 May 2021 22:03:07 +0000 |
| [**[8.6 FS\_5GMS\_Multicast; 722; Block A; 21May 2000 CEST] Pseudo CR to TR 26.802 on Conclusions and next steps for Key Issue #1 -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=160568) | Richard Bradbury | Fri, 21 May 2021 17:34:18 +0100 |
| [**[8.6 FS\_5GMS\_Multicast; 722; Block A; 21May 2000 CEST] Pseudo CR to TR 26.802 on Conclusions and next steps for Key Issue #1 -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=3572) | Gabin, Frederic | Mon, 24 May 2021 09:41:00 +0000 |
| [**[8.6 FS\_5GMS\_Multicast; 722->901; Block A; 21May 2000 CEST] Pseudo CR to TR 26.802 on Conclusions and next steps for Key Issue #1 -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=18010) | Richard Bradbury | Mon, 24 May 2021 14:55:58 +0100 |

**Decision:**

* Revised via emails.

[**S4-210722**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210722.zip) is revised to [**S4-210901**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210901.zip).

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| [S4-210](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_114-e/Docs/S4-210722.zip)901 | Conclusions and next steps for Key Issue #1 | BBC | Richard Bradbury |

**E-mail Discussion:**

See [S4-210722](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210722.zip).

**Presenter: Richard bradbury, BBC**

**Online Discussion:**

* Frédéric: The wording could be different when agreed by the group.

**Decision:**

* Agreed. Will be added to the TR by the editor.

[**S4-210901**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210901.zip) is agreed.

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| [S4-210729](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210729.zip) | Draft TR 26.802 v1.2.8 | TELUS | PENG TAN |

**E-mail Discussion:**

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| [**[8.6 FS\_5GMS\_Multicast; 729; Block A; 19May 2100 CEST] Draft TR 26.802 v1.2.8 for agreement as basis for further work**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=6137) | Gabin, Frederic | Wed, 19 May 2021 05:12:52 +0000 |
| [**[8.6 FS\_5GMS\_Multicast; 729; Block A; 19May 2100 CEST] Draft TR 26.802 v1.2.8 for agreement as basis for further work**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=50892) | Gabin, Frederic | Wed, 19 May 2021 21:46:12 +0000 |

**Decision:**

* Agreed via emails.

[**S4-210729**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210729.zip) is agreed.

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| [S4-210](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_114-e/Docs/S4-210729.zip)924 | Draft TR 26.802 v1.3.0 | TELUS | PENG TAN |

**Decision:**

* Will be reviewed at the SA4 plenary.

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| [S4-210778](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210778.zip) | [FS\_5GMS\_Multicast] Updated time and work plan | TELUS | PENG TAN |

**E-mail Discussion:**

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| [**[8.6 FS\_5GMS\_Multicast; 778; Block A; 20May 2100 CEST] Updated time and work plan -> for agreement.**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=12633) | Gabin, Frederic | Wed, 19 May 2021 05:13:48 +0000 |
| [**[8.6 FS\_5GMS\_Multicast; 778; Block A; 20May 2100 CEST] Updated time and work plan -> for agreement.**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=91044) | Peng Tan | Thu, 20 May 2021 14:46:45 +0000 |
| [**[8.6 FS\_5GMS\_Multicast; 778; Block A; 20May 2100 CEST] Updated time and work plan -> for agreement.**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=197249) | Gabin, Frederic | Wed, 26 May 2021 18:55:10 +0000 |
| [**[8.6 FS\_5GMS\_Multicast; 778; Block A; 20May 2100 CEST] Updated time and work plan -> for agreement.**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=201498) | Peng Tan | Wed, 26 May 2021 19:03:05 +0000 |
| [**[8.6 FS\_5GMS\_Multicast; 778; Block A; 20May 2100 CEST] Updated time and work plan -> for agreement.**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=202279) | Thomas Stockhammer | Wed, 26 May 2021 19:03:29 +0000 |
| [**[8.6 FS\_5GMS\_Multicast; 778; Block A; 20May 2100 CEST] Updated time and work plan -> for agreement.**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=217504) | Gabin, Frederic | Wed, 26 May 2021 19:43:48 +0000 |
| [**[8.6 FS\_5GMS\_Multicast; 778; Block A; 20May 2100 CEST] Updated time and work plan -> for agreement.**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=221029) | Peng Tan | Wed, 26 May 2021 19:59:37 +0000 |

**Presenter: Peng Tan, Telus**

**Online Discussion:**

* Peng: One telco in case we can’t complete in SA4#114-e.
* Fred: Do you expect a one-hour telco to fix a week’s work? Let’s be optimistic and review the time plan at the Block A wash-up.

**Decision:**

* Revised via emails.

[**S4-210778**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210778.zip) is revised to [**S4-210916**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210916.zip).

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| [S4-210](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_114-e/Docs/S4-210778.zip)916 | [FS\_5GMS\_Multicast] Updated time and work plan | TELUS | PENG TAN |

**E-mail Discussion:**

See [S4-210778](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210778.zip).

**Online Discussion:**

* Fred: We don’t know if we will need a telco on 10th June. Depends if we complete the TR and WID.

**Decision:**

* To be presented to the SA4 Plenary.

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| [S4-210779](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210779.zip) | [FS\_5GMS\_Multicast] pCR to TR 26.802 on conclusions | TELUS | PENG TAN |

**E-mail Discussion:**

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| [**[8.6 FS\_5GMS\_Multicast; 779; Block A; 20May 2100 CEST] Pseudo CR to TR 26.802 on conclusions-> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=11876) | Gabin, Frederic | Wed, 19 May 2021 05:13:41 +0000 |
| [**[8.6 FS\_5GMS\_Multicast; 779; Block A; 20May 2100 CEST] Pseudo CR to TR 26.802 on conclusions-> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=26668) | Richard Bradbury | Wed, 19 May 2021 11:12:01 +0100 |
| [**[8.6 FS\_5GMS\_Multicast; 779; Block A; 20May 2100 CEST] Pseudo CR to TR 26.802 on conclusions-> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=30825) | Peng Tan | Wed, 19 May 2021 13:35:59 +0000 |
| [**[8.6 FS\_5GMS\_Multicast; 779; Block A; 20May 2100 CEST] Pseudo CR to TR 26.802 on conclusions-> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=52423) | Peng Tan | Wed, 19 May 2021 22:39:00 +0000 |
| [**[8.6 FS\_5GMS\_Multicast; 779; Block A; 20May 2100 CEST] Pseudo CR to TR 26.802 on conclusions-> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=92923) | Thorsten Lohmar | Thu, 20 May 2021 14:49:13 +0000 |
| [**[8.6 FS\_5GMS\_Multicast; 779; Block A; 20May 2100 CEST] Pseudo CR to TR 26.802 on conclusions-> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=99099) | Richard Bradbury | Thu, 20 May 2021 16:48:10 +0100 |
| [**[8.6 FS\_5GMS\_Multicast; 779; Block A; 20May 2100 CEST] Pseudo CR to TR 26.802 on conclusions-> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=104758) | Peng Tan | Thu, 20 May 2021 16:52:08 +0000 |
| [**[8.6 FS\_5GMS\_Multicast; 779; Block A; 20May 2100 CEST] Pseudo CR to TR 26.802 on conclusions-> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=100074) | Richard Bradbury | Thu, 20 May 2021 17:11:46 +0100 |
| [**[8.6 FS\_5GMS\_Multicast; 779; Block A; 20May 2100 CEST] Pseudo CR to TR 26.802 on conclusions-> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=124134) | Thomas Stockhammer | Thu, 20 May 2021 20:33:11 +0000 |
| [**[8.6 FS\_5GMS\_Multicast; 779; Block A; 24May 1600 CEST] Pseudo CR to TR 26.802 on conclusions-> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=131457) | Gabin, Frederic | Thu, 20 May 2021 21:59:28 +0000 |
| [**[8.6 FS\_5GMS\_Multicast; 779; Block A; 24May 1600 CEST] Pseudo CR to TR 26.802 on conclusions-> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=9833) | Gabin, Frederic | Mon, 24 May 2021 10:10:30 +0000 |
| [**[8.6 FS\_5GMS\_Multicast; 779; Block A; 24May 1600 CEST] Pseudo CR to TR 26.802 on conclusions-> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=83659) | Peng Tan | Tue, 25 May 2021 02:33:37 +0000 |
| [**[8.6 FS\_5GMS\_Multicast; 779; Block A; 24May 1600 CEST] Pseudo CR to TR 26.802 on conclusions-> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=94795) | Thomas Stockhammer | Tue, 25 May 2021 11:12:02 +0000 |
| [**[8.6 FS\_5GMS\_Multicast; 779; Block A; 24May 1600 CEST] Pseudo CR to TR 26.802 on conclusions-> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=95671) | Richard Bradbury | Tue, 25 May 2021 12:16:29 +0100 |
| [**[8.6 FS\_5GMS\_Multicast; 779; Block A; 24May 1600 CEST] Pseudo CR to TR 26.802 on conclusions-> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=167745) | Peng Tan | Wed, 26 May 2021 04:01:05 +0000 |
| [**[8.6 FS\_5GMS\_Multicast; 779; Block A; 24May 1600 CEST] Pseudo CR to TR 26.802 on conclusions-> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=174366) | Thorsten Lohmar | Wed, 26 May 2021 10:28:30 +0000 |
| [**[8.6 FS\_5GMS\_Multicast; 779; Block A; 24May 1600 CEST] Pseudo CR to TR 26.802 on conclusions-> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=176538) | Peng Tan | Wed, 26 May 2021 11:57:21 +0000 |
| [**[8.6 FS\_5GMS\_Multicast; 779; Block A; 24May 1600 CEST] Pseudo CR to TR 26.802 on conclusions-> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=178156) | Thomas Stockhammer | Wed, 26 May 2021 11:59:12 +0000 |
| [**[8.6 FS\_5GMS\_Multicast; 779; Block A; 24May 1600 CEST] Pseudo CR to TR 26.802 on conclusions-> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=196435) | Gabin, Frederic | Wed, 26 May 2021 18:50:57 +0000 |

**Presenter: Peng Tan, Telus**

**Online Discussion:**

* r01 Ericsson version was presented
* Thorsten: The conclusion text for Key Issue #4 (re-use of MBMS Service layer) is duplicated with another TDoc from Qualcomm. I already make comments on this other TDoc.
* Thomas: I don’t understand where Conclusions for Key Issue #7 comes from.
* Thorsten: It is coming from SA2.
* Peng: I can put a summary of this text.
* Richard: It seems to be an individual company opinion. We need to work on key issues before working on their conclusions.
* Fred: We could collect potential normative work for each key issue and then do filtering.
* Thomas: Why don’t we start from a blank page in the drafting session?
* r06 was presented.
* Peng: In 8.4 the 1rst paragraph has to be deleted.
* Julien: Can you clarify what will be in rel-17 as stage 2 specifications are planned but rel-17 stage 2 will end in June.
* Frédéric: This is more stage 2.5. Stage 2 should not be mentioned here.

**Decision:**

* The revision will be presented to SA4#114-e Closing Plenary.

[**S4-210779**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210779.zip) is revised to [**S4-210923**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210923.zip).

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| [S4-210](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_114-e/Docs/S4-210779.zip)923 | [FS\_5GMS\_Multicast] pCR to TR 26.802 on conclusions | TELUS | PENG TAN |

**E-mail Discussion:**

See [S4-210779](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210779.zip).

**Decision:**

* To be presented to the SA4#114-e Closing Plenary.

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| [S4-210802](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210802.zip) | [FS\_5GMS\_Multicast] General Updates | Qualcomm Incorporated | Thomas Stockhammer |

**E-mail Discussion:**

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| [**[8.6 FS\_5GMS\_Multicast; 802; Block A; 20May 2100 CEST] Pseudo CR to TR 26.802 on General Updates -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=8762) | Gabin, Frederic | Wed, 19 May 2021 05:13:20 +0000 |
| [**[8.6 FS\_5GMS\_Multicast; 802; Block A; 20May 2100 CEST] Pseudo CR to TR 26.802 on General Updates -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=24296) | Richard Bradbury | Wed, 19 May 2021 10:30:04 +0100 |
| [**[8.6 FS\_5GMS\_Multicast; 802; Block A; 20May 2100 CEST] Pseudo CR to TR 26.802 on General Updates -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=54107) | Thomas Stockhammer | Wed, 19 May 2021 23:02:33 +0000 |
| [**[8.6 FS\_5GMS\_Multicast; 802; Block A; 20May 2100 CEST] Pseudo CR to TR 26.802 on General Updates -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=69056) | Richard Bradbury | Thu, 20 May 2021 12:02:04 +0100 |
| [**[8.6 FS\_5GMS\_Multicast; 802; Block A; 20May 2100 CEST] Pseudo CR to TR 26.802 on General Updates -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=79120) | Thorsten Lohmar | Thu, 20 May 2021 13:27:36 +0000 |
| [**[8.6 FS\_5GMS\_Multicast; 802; Block A; 20May 2100 CEST] Pseudo CR to TR 26.802 on General Updates -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=82677) | Peng Tan | Thu, 20 May 2021 13:46:57 +0000 |
| [**[8.6 FS\_5GMS\_Multicast; 802; Block A; 20May 2100 CEST] Pseudo CR to TR 26.802 on General Updates -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=102963) | Thomas Stockhammer | Thu, 20 May 2021 16:48:26 +0000 |
| [**[8.6 FS\_5GMS\_Multicast; 802; Block A; 20May 2100 CEST] Pseudo CR to TR 26.802 on General Updates -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=101340) | Richard Bradbury | Thu, 20 May 2021 17:24:51 +0100 |
| [**[8.6 FS\_5GMS\_Multicast; 802; Block A; 20May 2100 CEST] Pseudo CR to TR 26.802 on General Updates -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=107061) | Peng Tan | Thu, 20 May 2021 17:33:31 +0000 |
| [**[8.6 FS\_5GMS\_Multicast; 802; Block A; 20May 2100 CEST] Pseudo CR to TR 26.802 on General Updates -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=108043) | Thomas Stockhammer | Thu, 20 May 2021 18:11:29 +0000 |
| [**[8.6 FS\_5GMS\_Multicast; 802; Block A; 20May 2100 CEST] Pseudo CR to TR 26.802 on General Updates -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=106785) | Richard Bradbury | Thu, 20 May 2021 18:12:35 +0100 |
| [**[8.6 FS\_5GMS\_Multicast; 802; Block A; 20May 2100 CEST] Pseudo CR to TR 26.802 on General Updates -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=108708) | Thomas Stockhammer | Thu, 20 May 2021 18:32:13 +0000 |
| [**[8.6 FS\_5GMS\_Multicast; 802; Block A; 20May 2100 CEST] Pseudo CR to TR 26.802 on General Updates -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=112745) | Gabin, Frederic | Thu, 20 May 2021 19:39:53 +0000 |
| [**[8.6 FS\_5GMS\_Multicast; 802; Block A; 20May 2100 CEST] Pseudo CR to TR 26.802 on General Updates -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=125613) | Thomas Stockhammer | Thu, 20 May 2021 21:34:41 +0000 |
| [**[8.6 FS\_5GMS\_Multicast; 802; Block A; 21May 2000 CEST] Pseudo CR to TR 26.802 on General Updates -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=128458) | Gabin, Frederic | Thu, 20 May 2021 21:52:02 +0000 |
| [**[8.6 FS\_5GMS\_Multicast; 802; Block A; 21May 2000 CEST] Pseudo CR to TR 26.802 on General Updates -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=144499) | Peng Tan | Fri, 21 May 2021 04:31:29 +0000 |
| [**[8.6 FS\_5GMS\_Multicast; 802; Block A; 21May 2000 CEST] Pseudo CR to TR 26.802 on General Updates -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=149780) | Thomas Stockhammer | Fri, 21 May 2021 11:55:05 +0000 |
| [**[8.6 FS\_5GMS\_Multicast; 802; Block A; 21May 2000 CEST] Pseudo CR to TR 26.802 on General Updates -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=151930) | Peng Tan | Fri, 21 May 2021 12:46:47 +0000 |
| [**[8.6 FS\_5GMS\_Multicast; 802; Block A; 21May 2000 CEST] Pseudo CR to TR 26.802 on General Updates -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=153628) | Thomas Stockhammer | Fri, 21 May 2021 12:53:11 +0000 |
| [**[8.6 FS\_5GMS\_Multicast; 802; Block A; 21May 2000 CEST] Pseudo CR to TR 26.802 on General Updates -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=5491) | Gabin, Frederic | Mon, 24 May 2021 09:55:11 +0000 |
| [**[8.6 FS\_5GMS\_Multicast; 802; Block A; 21May 2000 CEST] Pseudo CR to TR 26.802 on General Updates -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=20415) | Richard Bradbury | Mon, 24 May 2021 16:33:45 +0100 |

**Presenter: Thomas Stockhammer, Qualcomm**

**Online Discussion:**

* r3 was presented.
* Thorsten: More text is needed to put LTE-based 5G Broadcast into context.
* r05 was presented.
* Peng: We need to spend more time to clarify terms and definitions. It is not necessary to refer to the ETSI.
* Richard: I don’t think the ETSI reference is needed. I think I addressed it with my last modifications. There is value in documenting the world as it is.
* Frédéric: I don’t think there is anything unclear with the ETSI reference.
* Thorsten: I think that’s clear now.
* Peng: I have an objection adding the section on ETSI in the TR. It is based on eMBMS. There is no definition in LTE-based 5G Broadcast except in the TR. Other TS specifications don’t define LTE-based 5G broadcast, the only term is eMBMS.
* Frédéric: This term is used in several 3GPP specifications.
* Peng: In figure 4.3.3-1, there is an issue with MME.
* Thomas: No need to waste time. Qualcomm is disappointed that the rapporteur is ignoring the substantial work done in 3GPP and outside 3GPP to establish a system that meets the 5G Broadcast requirements and is well-known as LTE-based 5G Broadcast. It is particularly concerning if the rapporteur uses its position to block progress of the work based on facts.

**Decision:**

* Objection from TELUS. Document noted.

[**S4-210802**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210802.zip) is noted.

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| [S4-210803](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210803.zip) | [FS\_5GMS\_Multicast] Key issue on re-use of MBMS service layer | Qualcomm Incorporated | Thomas Stockhammer |

**E-mail Discussion:**

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| [**[8.6 FS\_5GMS\_Multicast; 803; Block A; 21May 2000 CEST] Pseudo CR to TR 26.802 on Key issue on re-use of MBMS service layer -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=146535) | Peng Tan | Fri, 21 May 2021 04:31:38 +0000 |
| [**[8.6 FS\_5GMS\_Multicast; 803; Block A; 21May 2000 CEST] Pseudo CR to TR 26.802 on Key issue on re-use of MBMS service layer -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=152652) | Thomas Stockhammer | Fri, 21 May 2021 12:46:45 +0000 |
| [**[8.6 FS\_5GMS\_Multicast; 803; Block A; 21May 2000 CEST] Pseudo CR to TR 26.802 on Key issue on re-use of MBMS service layer -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=158081) | Thomas Stockhammer | Fri, 21 May 2021 14:39:50 +0000 |
| [**[8.6 FS\_5GMS\_Multicast; 803; Block A; 21May 2000 CEST] Pseudo CR to TR 26.802 on Key issue on re-use of MBMS service layer -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=7386) | Gabin, Frederic | Mon, 24 May 2021 10:00:28 +0000 |
| [**[8.6 FS\_5GMS\_Multicast; 803; Block A; 21May 2000 CEST] Pseudo CR to TR 26.802 on Key issue on re-use of MBMS service layer -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=74438) | Thomas Stockhammer | Mon, 24 May 2021 23:24:09 +0000 |

**Presenter: Thomas Stockhammer, Qualcomm**

**Online Discussion:**

* Ericsson comments presented.
* Thomas: I am fine with the revision. I haven't had time to fix comments yet.
* r02 was presented.

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**Decision:**

* r02 is revised to 906 and agreed. 906 agreed without presentation.

[**S4-210803**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210803.zip) is revised to [**S4-210906**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210906.zip).

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| [S4-210](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_114-e/Docs/S4-210803.zip)906 | [FS\_5GMS\_Multicast] Key issue on re-use of MBMS service layer | Qualcomm Incorporated | Thomas Stockhammer |

**E-mail Discussion:**

See [S4-210803](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210803.zip).

**Decision:**

* Agreed without presentation.

[**S4-210906**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210906.zip) is agreed.

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| [S4-210804](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210804.zip) | [FS\_5GMS\_Multicast] Hybrid Services | Qualcomm Incorporated | Thomas Stockhammer |

**E-mail Discussion:**

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| [**[8.6 FS\_5GMS\_Multicast; 804; Block A; 20May 2100 CEST] Pseudo CR to TR 26.802 on Hybrid Services -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=150977) | Thomas Stockhammer | Fri, 21 May 2021 12:26:05 +0000 |
| [**[8.6 FS\_5GMS\_Multicast; 804; Block A; 20May 2100 CEST] Pseudo CR to TR 26.802 on Hybrid Services -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=8164) | Gabin, Frederic | Mon, 24 May 2021 10:02:51 +0000 |
| [**[8.6 FS\_5GMS\_Multicast; 804; Block A; 20May 2100 CEST] Pseudo CR to TR 26.802 on Hybrid Services -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=17082) | Thomas Stockhammer | Mon, 24 May 2021 13:54:12 +0000 |
| [**[8.6 FS\_5GMS\_Multicast; 804; Block A; 20May 2100 CEST] Pseudo CR to TR 26.802 on Hybrid Services -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=23195) | Richard Bradbury | Mon, 24 May 2021 17:01:58 +0100 |
| [**[8.6 FS\_5GMS\_Multicast; 804; Block A; 20May 2100 CEST] Pseudo CR to TR 26.802 on Hybrid Services -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=55460) | Thomas Stockhammer | Mon, 24 May 2021 19:55:31 +0000 |
| [**[8.6 FS\_5GMS\_Multicast; 804; Block A; 20May 2100 CEST] Pseudo CR to TR 26.802 on Hybrid Services -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=63295) | Richard Bradbury | Mon, 24 May 2021 22:11:27 +0100 |
| [**[8.6 FS\_5GMS\_Multicast; 804; Block A; 20May 2100 CEST] Pseudo CR to TR 26.802 on Hybrid Services -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=76256) | Thomas Stockhammer | Mon, 24 May 2021 23:31:48 +0000 |
| [**[8.6 FS\_5GMS\_Multicast; 804; Block A; 20May 2100 CEST] Pseudo CR to TR 26.802 on Hybrid Services -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=178937) | Thomas Stockhammer | Wed, 26 May 2021 12:29:20 +0000 |
| [**[8.6 FS\_5GMS\_Multicast; 804; Block A; 20May 2100 CEST] Pseudo CR to TR 26.802 on Hybrid Services -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=194271) | Gabin, Frederic | Wed, 26 May 2021 18:46:12 +0000 |

**Presenter: Thomas Stockhammer, Qualcomm**

**Online Discussion:**

* r1 was presented.
* Richard: My comment is missing in the giant table.
* Thomas: Yes, I thought the fix was done.
* r05 was presented.
* Peng: Is there any reason to put that priority order?
* Thomas: I can remove this. But I believe we won’t be able to address everything in rel-17 and need priorities.
* Thorsten: Maybe 2 groups could be enough. The 1st group would be a, b, c, d and f.
* Peng: Even one item in this list could be too much. Rather say reporting is high priority, and everything else is low priority.
* Frédéric: We have different opinions, let’s keep the contribution open.

**Decision:**

* Revised to 922 and 922 is agreed without presentation.

[**S4-210804**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210804.zip) is revised to [**S4-210922**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210922.zip).

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| [S4-210](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_114-e/Docs/S4-210804.zip)922 | [FS\_5GMS\_Multicast] Hybrid Services | Qualcomm Incorporated | Thomas Stockhammer |

**E-mail Discussion:**

See [S4-210804](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210804.zip).

**Decision:**

* Agreed without presentation.

[**S4-210922**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210922.zip) is agreed.

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| [S4-210805](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210805.zip) | [FS\_5GMS\_Multicast] Interworking | Qualcomm Incorporated | Thomas Stockhammer |

**E-mail Discussion:**

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| [**[8.6 FS\_5GMS\_Multicast; 805; Block A; 21May 2000 CEST] Pseudo CR to TR 26.802 on Interworking -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=158959) | Thomas Stockhammer | Fri, 21 May 2021 14:42:42 +0000 |
| [**[8.6 FS\_5GMS\_Multicast; 805; Block A; 21May 2000 CEST] Pseudo CR to TR 26.802 on Interworking -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=161770) | Richard Bradbury | Fri, 21 May 2021 18:04:55 +0100 |
| [**[8.6 FS\_5GMS\_Multicast; 805; Block A; 21May 2000 CEST] Pseudo CR to TR 26.802 on Interworking -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=2677) | Thomas Stockhammer | Mon, 24 May 2021 08:57:35 +0000 |
| [**[8.6 FS\_5GMS\_Multicast; 805; Block A; 21May 2000 CEST] Pseudo CR to TR 26.802 on Interworking -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=8955) | Gabin, Frederic | Mon, 24 May 2021 10:08:01 +0000 |
| [**[8.6 FS\_5GMS\_Multicast; 805; Block A; 21May 2000 CEST] Pseudo CR to TR 26.802 on Interworking -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=16041) | Peng Tan | Mon, 24 May 2021 13:00:02 +0000 |
| [**[8.6 FS\_5GMS\_Multicast; 805; Block A; 21May 2000 CEST] Pseudo CR to TR 26.802 on Interworking -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=29290) | Thomas Stockhammer | Mon, 24 May 2021 16:30:44 +0000 |
| [**[8.6 FS\_5GMS\_Multicast; 805; Block A; 21May 2000 CEST] Pseudo CR to TR 26.802 on Interworking -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=34848) | Richard Bradbury | Mon, 24 May 2021 17:51:02 +0100 |
| [**[8.6 FS\_5GMS\_Multicast; 805; Block A; 21May 2000 CEST] Pseudo CR to TR 26.802 on Interworking -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=49871) | Thomas Stockhammer | Mon, 24 May 2021 19:13:23 +0000 |
| [**[8.6 FS\_5GMS\_Multicast; 805; Block A; 21May 2000 CEST] Pseudo CR to TR 26.802 on Interworking -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=56888) | Peng Tan | Mon, 24 May 2021 20:03:05 +0000 |
| [**[8.6 FS\_5GMS\_Multicast; 805; Block A; 21May 2000 CEST] Pseudo CR to TR 26.802 on Interworking -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=59068) | Thomas Stockhammer | Mon, 24 May 2021 20:26:06 +0000 |
| [**[8.6 FS\_5GMS\_Multicast; 805; Block A; 21May 2000 CEST] Pseudo CR to TR 26.802 on Interworking -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=78967) | Thomas Stockhammer | Mon, 24 May 2021 23:58:45 +0000 |
| [**[8.6 FS\_5GMS\_Multicast; 805; Block A; 21May 2000 CEST] Pseudo CR to TR 26.802 on Interworking -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=91755) | Thomas Stockhammer | Tue, 25 May 2021 10:44:08 +0000 |
| [**[8.6 FS\_5GMS\_Multicast; 805; Block A; 21May 2000 CEST] Pseudo CR to TR 26.802 on Interworking -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=91184) | Richard Bradbury | Tue, 25 May 2021 11:28:11 +0100 |
| [**[8.6 FS\_5GMS\_Multicast; 805; Block A; 21May 2000 CEST] Pseudo CR to TR 26.802 on Interworking -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=93631) | Richard Bradbury | Tue, 25 May 2021 11:50:55 +0100 |
| [**[8.6 FS\_5GMS\_Multicast; 805; Block A; 21May 2000 CEST] Pseudo CR to TR 26.802 on Interworking -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=166742) | Peng Tan | Wed, 26 May 2021 04:01:05 +0000 |
| [**[8.6 FS\_5GMS\_Multicast; 805; Block A; 21May 2000 CEST] Pseudo CR to TR 26.802 on Interworking -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=173517) | Thomas Stockhammer | Wed, 26 May 2021 10:16:40 +0000 |
| [**[8.6 FS\_5GMS\_Multicast; 805; Block A; 21May 2000 CEST] Pseudo CR to TR 26.802 on Interworking -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=177233) | Thomas Stockhammer | Wed, 26 May 2021 11:58:17 +0000 |
| [**[8.6 FS\_5GMS\_Multicast; 805; Block A; 21May 2000 CEST] Pseudo CR to TR 26.802 on Interworking -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=195456) | Gabin, Frederic | Wed, 26 May 2021 18:49:01 +0000 |
| [**[8.6 FS\_5GMS\_Multicast; 805; Block A; 21May 2000 CEST] Pseudo CR to TR 26.802 on Interworking -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=200634) | Thomas Stockhammer | Wed, 26 May 2021 19:02:17 +0000 |
| [**[8.6 FS\_5GMS\_Multicast; 805; Block A; 21May 2000 CEST] Pseudo CR to TR 26.802 on Interworking -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=223964) | Thomas Stockhammer | Wed, 26 May 2021 20:18:00 +0000 |

**Presenter: Thomas Stockhammer, Qualcomm**

**Online Discussion:**

* r3-TELUS Ericsson was presented.
* Thorsten: Concerned about putting 5MBS User Services onto LTE Broadcast. What about old UEs that can only receive MBMS? Could end up having to double broadcast. Otherwise, it should be possible to run 5MBMS User Services over MBMS by tweaking the MBSTF.
* Thomas: Peng seems to be against everything that is EPC-based. Qi was constructive and addressed his comments.
* Peng: Why is it 5G Broadcast not 4G Broadcast?
* Thomas: Despite being based on LTE and MBMS, it is still 5G. The most promising for some time and has a lot of interest. Combining with 5GMS is low-hanging fruit.
* Peng: Clear in SA2 that 5G Broadcast is not within the scope of Rel-17.
* Thomas: Misunderstanding. There is no NR Broadcast yet. No reason to do it while LTE fulfills all requirements. But from the service perspective, integration is a huge win.
* Peng: Still just MBMS and EPC core, and using LTE for multicast?
* Thomas: Yes.
* Peng: How is this tied with 5G Core elements?
* Thomas: All 5GMS formats are easily distributed over LTE Broadcast in combination with 5G unicast. All terminals will support LTE. This combination is very useful. Don’t understand the push-back.
* Peng: From the perspective of this study, how useful is this? What is the angle from the 5MBS perspective?
* Thomas: The study is not restricted.
* Fred: Study is about extending 5GMS architecture to study multicast. Not just about 5MBS. I tend to agree with Thomas that because the Rel-16 LTE-based Broadcast is most promising today, leveraging it to deliver 5GMS makes sense.
* Peng: Isn’t this redefining 5G Media Streaming?
* Fred: This is purely 5G, even though it is called LTE-based.
* Thorsten: Fine to include this. Can also include normal 4G Broadcast from an interworking perspective, so relevant to study. Concern about being careful over terminology. Make clear distinction between LTE-based 5G Broadcast and 5MBS.
* Peng: Seems like 5GMS over eMBMS.
* Thorsten: Yes, LTE-based 5G Broadcast in an unfortunate name.
* Fred: LTE-based 5G Broadcast can run in parallel with unicast over 5G NR, right? And leverage 5GMS on top of this. Makes sense to me.
* (r07 Telus was reviewed.)
* Thomas: Unfortunate that all references to ETSI 103 720 are deleted. I am OK with this one.
* Peng: Please fix the wrong technical details in ETSI 103 720 first.
* (r08 was reviewed.)
* Thomas: Resurrected one reference to ETSI 103 720.

**Decision:**

* Author will produce a clean revision without reference to ETSI TS 103 720.

[**S4-210805**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210805.zip) is revised to [**S4-210907**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210907.zip).

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| [S4-210](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_114-e/Docs/S4-210805.zip)907 | [FS\_5GMS\_Multicast] 5GMS via eMBMS | Qualcomm Incorporated | Thomas Stockhammer |

**E-mail Discussion:**

See [S4-210805](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210805.zip).

**Presenter: Thomas Stockhammer, Qualcomm**

**Online Discussion:**

* None.

**Decision:**

* Agreed.

[**S4-210907**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210907.zip) is agreed.

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| [S4-210821](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210821.zip) | Handling of InBand Fragments on Nmb2 (former Nx2) | Ericsson LM | Bo Burman |

**E-mail Discussion:**

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| [**[8.6 FS\_5GMS\_Multicast; 821; Block A; 20May 2100 CEST] Pseudo CR to TR 26.802 on Handling of InBand Fragments on Nmb2 (former Nx2)-> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=154987) | Thorsten Lohmar | Fri, 21 May 2021 13:19:11 +0000 |
| [**[8.6 FS\_5GMS\_Multicast; 821; Block A; 20May 2100 CEST] Pseudo CR to TR 26.802 on Handling of InBand Fragments on Nmb2 (former Nx2)-> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=160872) | Thorsten Lohmar | Fri, 21 May 2021 17:01:10 +0000 |
| [**[8.6 FS\_5GMS\_Multicast; 821; Block A; 20May 2100 CEST] Pseudo CR to TR 26.802 on Handling of InBand Fragments on Nmb2 (former Nx2)-> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=4616) | Gabin, Frederic | Mon, 24 May 2021 09:43:31 +0000 |
| [**[8.6 FS\_5GMS\_Multicast; 821; Block A; 20May 2100 CEST] Pseudo CR to TR 26.802 on Handling of InBand Fragments on Nmb2 (former Nx2)-> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=6436) | Thomas Stockhammer | Mon, 24 May 2021 09:59:31 +0000 |
| [**[8.6 FS\_5GMS\_Multicast; 821; Block A; 20May 2100 CEST] Pseudo CR to TR 26.802 on Handling of InBand Fragments on Nmb2 (former Nx2)-> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=18319) | Thorsten Lohmar | Mon, 24 May 2021 14:09:18 +0000 |
| [**[8.6 FS\_5GMS\_Multicast; 821; Block A; 20May 2100 CEST] Pseudo CR to TR 26.802 on Handling of InBand Fragments on Nmb2 (former Nx2)-> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=22142) | Richard Bradbury | Mon, 24 May 2021 16:44:52 +0100 |
| [**[8.6 FS\_5GMS\_Multicast; 821; Block A; 20May 2100 CEST] Pseudo CR to TR 26.802 on Handling of InBand Fragments on Nmb2 (former Nx2)-> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=50995) | Thorsten Lohmar | Mon, 24 May 2021 19:19:07 +0000 |
| [**[8.6 FS\_5GMS\_Multicast; 821; Block A; 20May 2100 CEST] Pseudo CR to TR 26.802 on Handling of InBand Fragments on Nmb2 (former Nx2)-> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=53758) | Peng Tan | Mon, 24 May 2021 19:33:38 +0000 |

**Presenter: Thorsten Lohmar, Ericsson**

**Online Discussion:**

* r1 was presented.
* Thorsten: FLUTE uses different MIME types as a differentiator for ancillary information in the same session.
* Thomas: “In-band” feels like a stage 3 artefact from history. (Doesn’t like the name. Too much like MPEG-2 TS) Don’t understand what we’re trying to achieve.
* Thorsten: Might be OK to consider stage 3. Idea was to document in TR so that SA2 readers could understand where SA4 is coming from. Happy to change terminology or align it. Full file repair linked to this.
* Thomas: In-band with what?
* Fred: Text says 5MBS Session.
* Thomas: Why the same 5MBS Session? A limitation of MBMS where only one FLUTE Session was possible.
* Thorsten: We should be fine with having this concept to avoid diverging too far from the proposed conclusions.
* Thomas: Shouldn’t be an active design feature to deliver this in-band. Should follow high-level design principles of separating control and data.
* Thorsten: Same 5BMS Session doesn’t necessarily imply same FLUTE session.
* Thomas: More advanced ways to push over unicast nowadays.
* Thorsten: HTTP push won’t work on a broadcast-only bearer.
* Thomas: My problem is mixing a concept with a delivery. We have to do a filtering afterward. We shouldn’t force in-band. Problem statement is (for example) how to deliver Service Announcement. We shouldn’t specify that we need to mix with user date.
* Richard: Ressources need to be transferable inband in the same direction. In the same session is not mandatory.
* Thomas: If all we have is a single 5MBS Session, then I agree that we need the ability to deliver Service Announcements over it.
* Thorsten: In-band data not necessarily faster than unicast. Relevant where you wan’t to avoid using unicast (too busy) or are unable to use unicast (because not available).
* Fred: Would adding some more words help?
* Thomas: Yes. But I don't understand if broadcast-only is a valid scenario.
* r05 was presented.
* Thorsten: Bullet 7. Need to be removed.
* Richard: The heading of figure 5.3.1.3-1 needs to be updated. And vertical lines could be cleaned.

**Decision:**

* Revised to 905 (correction to the figure and last bullet). The revision is agreed.

[**S4-210821**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210821.zip) is revised to [**S4-210905**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210905.zip).

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| [S4-210](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_114-e/Docs/S4-210821.zip)905 | Handling of InBand Fragments on Nmb2 (former Nx2) | Ericsson LM | Bo Burman |

**E-mail Discussion:**

See [S4-210821](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210821.zip).

**Decision:**

* Agreed without presentation..

[**S4-210905**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210905.zip) is agreed.

## 8.7 FS\_EMSA (Feasibility Study on Streaming Architecture extensions For Edge processing)

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| [S4-210721](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210721.zip) | Analysis of EMSA Use Cases | BBC | Richard Bradbury |

**E-mail Discussion:**

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| [**[8.7 FS\_EMSA; 721; Block A; 20May 2100 CEST] Pseudo C to TR 26.803 on Analysis of EMSA Use Cases -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=14053) | Gabin, Frederic | Wed, 19 May 2021 05:57:31 +0000 |
| [**[8.7 FS\_EMSA; 721; Block A; 20May 2100 CEST] Pseudo C to TR 26.803 on Analysis of EMSA Use Cases -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=34477) | Imed Bouazizi | Wed, 19 May 2021 16:21:15 +0000 |
| [**[8.7 FS\_EMSA; 721; Block A; 20May 2100 CEST] Pseudo C to TR 26.803 on Analysis of EMSA Use Cases -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=35377) | Richard Bradbury | Wed, 19 May 2021 17:47:15 +0100 |
| [**[8.7 FS\_EMSA; 721; Block A; 20May 2100 CEST] Pseudo C to TR 26.803 on Analysis of EMSA Use Cases -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=59171) | Iraj Sodagar | Thu, 20 May 2021 01:33:48 +0000 |
| [**[8.7 FS\_EMSA; 721; Block A; 20May 2100 CEST] Pseudo C to TR 26.803 on Analysis of EMSA Use Cases -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=66465) | Richard Bradbury | Thu, 20 May 2021 09:49:59 +0100 |
| [**[8.7 FS\_EMSA; 721; Block A; 20May 2100 CEST] Pseudo C to TR 26.803 on Analysis of EMSA Use Cases -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=115991) | Gabin, Frederic | Thu, 20 May 2021 19:50:50 +0000 |
| [**[8.7 FS\_EMSA; 721->899; Block A; 20May 2100 CEST] Pseudo C to TR 26.803 on Analysis of EMSA Use Cases -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=141463) | Richard Bradbury | Thu, 20 May 2021 23:45:24 +0100 |

**Presenter: Richard Bradbury, BBC**

**Online Discussion:**

* r01 was presented.
* Iraj: It is good to me.

**Decision:**

* r01 is OK. 721 revised to 899, which is agreed without presentation.

[**S4-210721**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210721.zip) is revised to [**S4-210899**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210899.zip).

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| [S4-210](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_114-e/Docs/S4-210721.zip)899 | Analysis of EMSA Use Cases | BBC | Richard Bradbury |

**E-mail Discussion:**

See [S4-210721](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210721.zip).

**Decision:**

* Agreed without presentation. 899 is 721r01 which was agreed online.

[**S4-210899**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210899.zip) is agreed.

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| [S4-210768](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210768.zip) | [FS\_EMSA]: User-generated live streaming walkthrough | Tencent | Iraj Sodagar |

**E-mail Discussion:**

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| [**[8.7 FS\_EMSA; 768; Block A; 20May 2100 CEST] Pseudo CR to TR 26.803 on User-generated live streaming walkthrough -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=15727) | Gabin, Frederic | Wed, 19 May 2021 05:57:48 +0000 |
| [**[8.7 FS\_EMSA; 768; Block A; 20May 2100 CEST] Pseudo CR to TR 26.803 on User-generated live streaming walkthrough -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=27208) | Richard Bradbury | Wed, 19 May 2021 11:24:51 +0100 |
| [**[8.7 FS\_EMSA; 768; Block A; 20May 2100 CEST] Pseudo CR to TR 26.803 on User-generated live streaming walkthrough -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=39199) | Iraj Sodagar | Wed, 19 May 2021 18:20:04 +0000 |
| [**[8.7 FS\_EMSA; 768; Block A; 20May 2100 CEST] Pseudo CR to TR 26.803 on User-generated live streaming walkthrough -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=57618) | Iraj Sodagar | Thu, 20 May 2021 00:46:45 +0000 |
| [**[8.7 FS\_EMSA; 768; Block A; 20May 2100 CEST] Pseudo CR to TR 26.803 on User-generated live streaming walkthrough -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=71234) | Richard Bradbury | Thu, 20 May 2021 12:55:28 +0100 |
| [**[8.7 FS\_EMSA; 768; Block A; 20May 2100 CEST] Pseudo CR to TR 26.803 on User-generated live streaming walkthrough -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=71526) | Richard Bradbury | Thu, 20 May 2021 13:17:35 +0100 |
| [**[8.7 FS\_EMSA; 768; Block A; 20May 2100 CEST] Pseudo CR to TR 26.803 on User-generated live streaming walkthrough -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=92094) | Imed Bouazizi | Thu, 20 May 2021 14:48:14 +0000 |
| [**[8.7 FS\_EMSA; 768; Block A; 20May 2100 CEST] Pseudo CR to TR 26.803 on User-generated live streaming walkthrough -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=101615) | Iraj Sodagar | Thu, 20 May 2021 16:24:59 +0000 |
| [**[8.7 FS\_EMSA; 768; Block A; 20May 2100 CEST] Pseudo CR to TR 26.803 on User-generated live streaming walkthrough -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=103842) | Iraj Sodagar | Thu, 20 May 2021 16:51:04 +0000 |
| [**[8.7 FS\_EMSA; 768; Block A; 20May 2100 CEST] Pseudo CR to TR 26.803 on User-generated live streaming walkthrough -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=109454) | Imed Bouazizi | Thu, 20 May 2021 18:37:26 +0000 |
| [**[8.7 FS\_EMSA; 768; Block A; 20May 2100 CEST] Pseudo CR to TR 26.803 on User-generated live streaming walkthrough -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=116687) | Gabin, Frederic | Thu, 20 May 2021 19:52:40 +0000 |
| [**[8.7 FS\_EMSA; 768; Block A; 20May 2100 CEST] Pseudo CR to TR 26.803 on User-generated live streaming walkthrough -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=121698) | Iraj Sodagar | Thu, 20 May 2021 20:04:40 +0000 |
| [**[8.7 FS\_EMSA; 768; Block A; 20May 2100 CEST] Pseudo CR to TR 26.803 on User-generated live streaming walkthrough -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=122508) | Iraj Sodagar | Thu, 20 May 2021 20:17:42 +0000 |
| [**[8.7 FS\_EMSA; 768; Block A; 21May 2000 CEST] Pseudo CR to TR 26.803 on User-generated live streaming walkthrough -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=137048) | Gabin, Frederic | Thu, 20 May 2021 22:05:13 +0000 |
| [**[8.7 FS\_EMSA; 768; Block A; 21May 2000 CEST] Pseudo CR to TR 26.803 on User-generated live streaming walkthrough -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=140187) | Iraj Sodagar | Thu, 20 May 2021 22:08:39 +0000 |
| [**[8.7 FS\_EMSA; 768; Block A; 21May 2000 CEST] Pseudo CR to TR 26.803 on User-generated live streaming walkthrough -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=142842) | Iraj Sodagar | Fri, 21 May 2021 00:09:39 +0000 |
| [**[8.7 FS\_EMSA; 768; Block A; 21May 2000 CEST] Pseudo CR to TR 26.803 on User-generated live streaming walkthrough -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=142550) | Richard Bradbury | Fri, 21 May 2021 00:57:00 +0100 |
| [**[8.7 FS\_EMSA; 768; Block A; 20May 2100 CEST] Pseudo CR to TR 26.803 on User-generated live streaming walkthrough -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=163115) | Richard Bradbury | Fri, 21 May 2021 18:36:51 +0100 |
| [**[8.7 FS\_EMSA; 768; Block A; 21May 2000 CEST] Pseudo CR to TR 26.803 on User-generated live streaming walkthrough -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=147615) | Richard Bradbury | Fri, 21 May 2021 11:01:27 +0100 |
| [**[8.7 FS\_EMSA; 768; Block A; 21May 2000 CEST] Pseudo CR to TR 26.803 on User-generated live streaming walkthrough -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=162043) | Iraj Sodagar | Fri, 21 May 2021 17:12:22 +0000 |
| [**[8.7 FS\_EMSA; 768; Block A; 21May 2000 CEST] Pseudo CR to TR 26.803 on User-generated live streaming walkthrough -> for agreemen**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=162824) | Richard Bradbury | Fri, 21 May 2021 18:30:46 +0100 |
| [**[8.7 FS\_EMSA; 768; Block A; 21May 2000 CEST] Pseudo CR to TR 26.803 on User-generated live streaming walkthrough -> for agreemen**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=71) | Iraj Sodagar | Fri, 21 May 2021 23:32:40 +0000 |
| [**[8.7 FS\_EMSA; 768; Block A; 21May 2000 CEST] Pseudo CR to TR 26.803 on User-generated live streaming walkthrough -> for agreemen**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=11240) | Gabin, Frederic | Mon, 24 May 2021 10:16:12 +0000 |
| [**[8.7 FS\_EMSA; 768; Block A; 21May 2000 CEST] Pseudo CR to TR 26.803 on User-generated live streaming walkthrough -> for agreemen**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=14506) | Richard Bradbury | Mon, 24 May 2021 11:56:58 +0100 |
| [**[8.7 FS\_EMSA; 768; Block A; 21May 2000 CEST] Pseudo CR to TR 26.803 on User-generated live streaming walkthrough -> for agreemen**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=36711) | Iraj Sodagar | Mon, 24 May 2021 16:58:32 +0000 |
| [**[8.7 FS\_EMSA; 768; Block A; 21May 2000 CEST] Pseudo CR to TR 26.803 on User-generated live streaming walkthrough -> for agreemen**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=39922) | Richard Bradbury | Mon, 24 May 2021 18:07:20 +0100 |
| [**[8.7 FS\_EMSA; 768; Block A; 21May 2000 CEST] Pseudo CR to TR 26.803 on User-generated live streaming walkthrough -> for agreemen**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=54705) | Imed Bouazizi | Mon, 24 May 2021 19:46:17 +0000 |
| [**[8.7 FS\_EMSA; 768; Block A; 21May 2000 CEST] Pseudo CR to TR 26.803 on User-generated live streaming walkthrough -> for agreemen**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=56597) | Richard Bradbury | Mon, 24 May 2021 21:02:57 +0100 |
| [**[8.7 FS\_EMSA; 768; Block A; 21May 2000 CEST] Pseudo CR to TR 26.803 on User-generated live streaming walkthrough -> for agreemen**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=108944) | Richard Bradbury | Tue, 25 May 2021 17:04:10 +0100 |
| [**[8.7 FS\_EMSA; 768; Block A; 21May 2000 CEST] Pseudo CR to TR 26.803 on User-generated live streaming walkthrough -> for agreemen**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=128509) | Iraj Sodagar | Tue, 25 May 2021 18:19:42 +0000 |
| [**[8.7 FS\_EMSA; 768; Block A; 21May 2000 CEST] Pseudo CR to TR 26.803 on User-generated live streaming walkthrough -> for agreemen**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=154845) | Gabin, Frederic | Tue, 25 May 2021 21:48:14 +0000 |
| [**[8.7 FS\_EMSA; 768; Block A; 21May 2000 CEST] Pseudo CR to TR 26.803 on User-generated live streaming walkthrough -> for agreemen**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=162294) | Iraj Sodagar | Tue, 25 May 2021 22:32:02 +0000 |
| [**[8.7 FS\_EMSA; 768->909; Block A; 26May 2000 CEST] Pseudo CR to TR 26.803 on User-generated live streaming walkthrough -> for agreemen**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=169509) | Gabin, Frederic | Wed, 26 May 2021 07:40:49 +0000 |
| [**[8.7 FS\_EMSA; 768->909; Block A; 26May 2000 CEST] Pseudo CR to TR 26.803 on User-generated live streaming walkthrough -> for agreemen**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=198137) | Gabin, Frederic | Wed, 26 May 2021 18:56:19 +0000 |

**Presenter: Iraj Sodagar, Tencent**

**Online Discussion:**

* r03 was presented.
* Iraj: Added comment explaining Application Provider responsibility.
* Imed: Don’t understand where the Service Class concept comes from.
* Iraj: It’s entirely in the service provider domain. Not transmitted. It is translated to EAS Profile.
* Imed: Good to start this discussion, but at this stage 2 level, we just talk about a resource template without structure. Is this Service Class thing a term from SA6?
* Iraj: Term used in some platforms. “EAS Profile” (SA6 term) and “Resource template” (SA4 term) have been used in the TR.
* Imed: Could we add term definitions?
* Iraj: I can reference the relevant clause in the TR.
* Richard: You introduce the concept of Service Class. This has to be linked with the resource template concept.
* Imed: I am not comfortable with Service Class.
* Fred: OK, email discussions are extended.

**Decision:**

* Revised via emails.

[**S4-210768**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210768.zip) is revised to [**S4-210909**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210909.zip).

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| [S4-210](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_114-e/Docs/S4-210768.zip)909 | [FS\_EMSA]: User-generated live streaming walkthrough | Tencent | Iraj Sodagar |

**E-mail Discussion:**

See [S4-210768](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210768.zip).

**Online Discussion:**

* None.

**Decision:**

* Agreed.

[**S4-210909**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210909.zip) is agreed.

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| [S4-210772](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210772.zip) | [FS\_EMSA] Updated text for SA2 Edge Support | Huawei Technologies Co.,Ltd. | Qi Pan |

**E-mail Discussion:**

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| [**[8.7 FS\_EMSA; 772; Block A; 20May 2100 CEST] Pseudo CR to TR 26.803 on Updated text for SA2 Edge Support -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=16535) | Gabin, Frederic | Wed, 19 May 2021 05:57:57 +0000 |
| [**[8.7 FS\_EMSA; 772; Block A; 20May 2100 CEST] Pseudo CR to TR 26.803 on Updated text for SA2 Edge Support -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=27500) | Richard Bradbury | Wed, 19 May 2021 11:26:20 +0100 |
| [**[8.7 FS\_EMSA; 772; Block A; 20May 2100 CEST] Pseudo CR to TR 26.803 on Updated text for SA2 Edge Support -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=53291) | panqi (E) | Wed, 19 May 2021 22:59:11 +0000 |
| [**[8.7 FS\_EMSA; 772; Block A; 20May 2100 CEST] Pseudo CR to TR 26.803 on Updated text for SA2 Edge Support -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=68772) | Richard Bradbury | Thu, 20 May 2021 11:55:05 +0100 |
| [**[8.7 FS\_EMSA; 772; Block A; 20May 2100 CEST] Pseudo CR to TR 26.803 on Updated text for SA2 Edge Support -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=75035) | Imed Bouazizi | Thu, 20 May 2021 12:52:35 +0000 |
| [**[8.7 FS\_EMSA; 772; Block A; 20May 2100 CEST] Pseudo CR to TR 26.803 on Updated text for SA2 Edge Support -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=117717) | Gabin, Frederic | Thu, 20 May 2021 19:54:19 +0000 |
| [**[8.7 FS\_EMSA; 772; Block A; 20May 2100 CEST] Pseudo CR to TR 26.803 on Updated text for SA2 Edge Support -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=148997) | panqi (E) | Fri, 21 May 2021 10:20:48 +0000 |

**Presenter: Qi Pan, Huawei**

**Online Discussion:**

* r01 was presented.

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**Decision:**

* r01 is OK. r01 is revised to 900. 900 is agreed without presentation.

[**S4-210772**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210772.zip) is revised to [**S4-210900**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210900.zip).

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| [S4-210](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_114-e/Docs/S4-210772.zip)900 | [FS\_EMSA] Updated text for SA2 Edge Support | Huawei Technologies Co.,Ltd. | Qi Pan |

**E-mail Discussion:**

See [S4-210772](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210772.zip).

**Decision:**

* 900 is 772r01 which was agreed online. 900 is agreed without presentation.

[**S4-210900**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210900.zip) is agreed.

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| [S4-210773](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210773.zip) | Discussion on 5GMS context transfer among multiple 5GMS AF instances | Huawei Technologies Co.,Ltd. | Qi Pan |

**E-mail Discussion:**

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| [**[8.7 FS\_EMSA; 773; Block A; 20May 2100 CEST] Text proposal to TR 26.803 on 5GMS context transfer among multiple 5GMS AF instances -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=17388) | Gabin, Frederic | Wed, 19 May 2021 05:58:07 +0000 |
| [**[8.7 FS\_EMSA; 773; Block A; 20May 2100 CEST] Text proposal to TR 26.803 on 5GMS context transfer among multiple 5GMS AF instances -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=27783) | Richard Bradbury | Wed, 19 May 2021 11:34:30 +0100 |
| [**[8.7 FS\_EMSA; 773; Block A; 20May 2100 CEST] Text proposal to TR 26.803 on 5GMS context transfer among multiple 5GMS AF instances -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=65660) | panqi (E) | Thu, 20 May 2021 08:23:26 +0000 |
| [**[8.7 FS\_EMSA; 773; Block A; 20May 2100 CEST] Text proposal to TR 26.803 on 5GMS context transfer among multiple 5GMS AF instances -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=72604) | Richard Bradbury | Thu, 20 May 2021 13:29:37 +0100 |
| [**[8.7 FS\_EMSA; 773; Block A; 20May 2100 CEST] Text proposal to TR 26.803 on 5GMS context transfer among multiple 5GMS AF instances -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=83617) | panqi (E) | Thu, 20 May 2021 13:55:14 +0000 |
| [**[8.7 FS\_EMSA; 773; Block A; 20May 2100 CEST] Text proposal to TR 26.803 on 5GMS context transfer among multiple 5GMS AF instances -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=84607) | Imed Bouazizi | Thu, 20 May 2021 13:57:21 +0000 |
| [**[8.7 FS\_EMSA; 773; Block A; 20May 2100 CEST] Text proposal to TR 26.803 on 5GMS context transfer among multiple 5GMS AF instances -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=88310) | panqi (E) | Thu, 20 May 2021 14:25:29 +0000 |
| [**[8.7 FS\_EMSA; 773; Block A; 20May 2100 CEST] Text proposal to TR 26.803 on 5GMS context transfer among multiple 5GMS AF instances -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=99370) | Imed Bouazizi | Thu, 20 May 2021 15:49:11 +0000 |
| [**[8.7 FS\_EMSA; 773; Block A; 20May 2100 CEST] Text proposal to TR 26.803 on 5GMS context transfer among multiple 5GMS AF instances -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=105592) | Richard Bradbury | Thu, 20 May 2021 18:03:53 +0100 |
| [**[8.7 FS\_EMSA; 773; Block A; 20May 2100 CEST] Text proposal to TR 26.803 on 5GMS context transfer among multiple 5GMS AF instances -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=118455) | Gabin, Frederic | Thu, 20 May 2021 19:56:26 +0000 |

**Presenter: Qi Pan, Huawei**

**Online Discussion:**

* Richard: OK with this gap but how do we deal with this? We have to finish the EMSA study.
* Iraj: Can we put this in the TR for further study?
* Richard: Yes, we could stage it.
* Iraj: We could add a further study section.

**Decision:**

* Agreed.

[**S4-210773**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210773.zip) is agreed

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| [S4-210774](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210774.zip) | General Call flow for EAS relocation based on the EMSA architecture | Huawei Technologies Co.,Ltd. | Qi Pan |

**E-mail Discussion:**

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| [**[8.7 FS\_EMSA; 774; Block A; 20May 2100 CEST] Pseudo CR to TR 26.803 on General Call flow for EAS relocation based on the EMSA architecture -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=18245) | Gabin, Frederic | Wed, 19 May 2021 05:58:16 +0000 |
| [**[8.7 FS\_EMSA; 774; Block A; 20May 2100 CEST] Pseudo CR to TR 26.803 on General Call flow for EAS relocation based on the EMSA architecture -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=58439) | Iraj Sodagar | Thu, 20 May 2021 01:04:45 +0000 |
| [**[8.7 FS\_EMSA; 774; Block A; 20May 2100 CEST] Pseudo CR to TR 26.803 on General Call flow for EAS relocation based on the EMSA architecture -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=61689) | panqi (E) | Thu, 20 May 2021 06:14:38 +0000 |
| [**[8.7 FS\_EMSA; 774; Block A; 20May 2100 CEST] Pseudo CR to TR 26.803 on General Call flow for EAS relocation based on the EMSA architecture -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=78242) | panqi (E) | Thu, 20 May 2021 13:24:42 +0000 |
| [**[8.7 FS\_EMSA; 774; Block A; 20May 2100 CEST] Pseudo CR to TR 26.803 on General Call flow for EAS relocation based on the EMSA architecture -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=74717) | Richard Bradbury | Thu, 20 May 2021 13:50:26 +0100 |
| [**[8.7 FS\_EMSA; 774; Block A; 20May 2100 CEST] Pseudo CR to TR 26.803 on General Call flow for EAS relocation based on the EMSA architecture -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=87593) | Imed Bouazizi | Thu, 20 May 2021 14:24:19 +0000 |
| [**[8.7 FS\_EMSA; 774; Block A; 20May 2100 CEST] Pseudo CR to TR 26.803 on General Call flow for EAS relocation based on the EMSA architecture -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=102348) | Richard Bradbury | Thu, 20 May 2021 17:32:42 +0100 |
| [**[8.7 FS\_EMSA; 774; Block A; 20May 2100 CEST] Pseudo CR to TR 26.803 on General Call flow for EAS relocation based on the EMSA architecture -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=119205) | Gabin, Frederic | Thu, 20 May 2021 19:57:48 +0000 |
| [**[8.7 FS\_EMSA; 774; Block A; 20May 2100 CEST] Pseudo CR to TR 26.803 on General Call flow for EAS relocation based on the EMSA architecture -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=124795) | panqi (E) | Thu, 20 May 2021 21:06:49 +0000 |
| [**[8.7 FS\_EMSA; 774; Block A; 21May 2000 CEST] Pseudo CR to TR 26.803 on General Call flow for EAS relocation based on the EMSA architecture -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=137813) | Gabin, Frederic | Thu, 20 May 2021 22:05:43 +0000 |
| [**[8.7 FS\_EMSA; 774; Block A; 21May 2000 CEST] Pseudo CR to TR 26.803 on General Call flow for EAS relocation based on the EMSA architecture -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=148200) | panqi (E) | Fri, 21 May 2021 10:20:08 +0000 |
| [**[8.7 FS\_EMSA; 774; Block A; 21May 2000 CEST] Pseudo CR to TR 26.803 on General Call flow for EAS relocation based on the EMSA architecture -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=150659) | Richard Bradbury | Fri, 21 May 2021 13:20:41 +0100 |
| [**[8.7 FS\_EMSA; 774; Block A; 21May 2000 CEST] Pseudo CR to TR 26.803 on General Call flow for EAS relocation based on the EMSA architecture -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=155981) | panqi (E) | Fri, 21 May 2021 13:49:48 +0000 |
| [**[8.7 FS\_EMSA; 774; Block A; 21May 2000 CEST] Pseudo CR to TR 26.803 on General Call flow for EAS relocation based on the EMSA architecture -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=157763) | Richard Bradbury | Fri, 21 May 2021 15:09:36 +0100 |
| [**[8.7 FS\_EMSA; 774; Block A; 21May 2000 CEST] Pseudo CR to TR 26.803 on General Call flow for EAS relocation based on the EMSA architecture -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=12043) | Gabin, Frederic | Mon, 24 May 2021 10:17:59 +0000 |
| [**[8.7 FS\_EMSA; 774; Block A; 21May 2000 CEST] Pseudo CR to TR 26.803 on General Call flow for EAS relocation based on the EMSA architecture -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=108117) | panqi (E) | Tue, 25 May 2021 15:31:53 +0000 |
| [**[8.7 FS\_EMSA; 774->910; Block A; 21May 2000 CEST] Pseudo CR to TR 26.803 on General Call flow for EAS relocation based on the EMSA architecture -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=110094) | panqi (E) | Tue, 25 May 2021 16:12:29 +0000 |
| [**[8.7 FS\_EMSA; 910; Block A; 26May 2000 CEST] Pseudo CR to TR 26.803 on General Call flow for EAS relocation based on the EMSA architecture -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=155659) | Gabin, Frederic | Tue, 25 May 2021 21:50:28 +0000 |
| [**[8.7 FS\_EMSA; 910; Block A; 26May 2000 CEST] Pseudo CR to TR 26.803 on General Call flow for EAS relocation based on the EMSA architecture -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=198902) | Gabin, Frederic | Wed, 26 May 2021 18:57:15 +0000 |

**Decision:**

* Revised.

[**S4-210774**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210774.zip) is revised to [**S4-210910**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210910.zip).

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| [S4-210](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_114-e/Docs/S4-210774.zip)910 | General Call flow for EAS relocation based on the EMSA architecture | Huawei Technologies Co.,Ltd. | Qi Pan |

**E-mail Discussion:**

See [S4-210774](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210774.zip).

**Decision:**

* Agreed via emails.

[**S4-210910**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210910.zip) is agreed.

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| [S4-210813](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210813.zip) | Considerations on Media Application Relocation | Qualcomm Wireless GmbH | Imed Bouazizi |

**E-mail Discussion:**

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| [**[8.7 FS\_EMSA; 813; Block A; 20May 2100 CEST] Pseudo CR to TR 26.803 on Considerations on Media Application Relocation -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=19036) | Gabin, Frederic | Wed, 19 May 2021 05:58:21 +0000 |
| [**[8.7 FS\_EMSA; 813; Block A; 20May 2100 CEST] Pseudo CR to TR 26.803 on Considerations on Media Application Relocation -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=28092) | Richard Bradbury | Wed, 19 May 2021 11:42:37 +0100 |
| [**[8.7 FS\_EMSA; 813; Block A; 20May 2100 CEST] Pseudo CR to TR 26.803 on Considerations on Media Application Relocation -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=30122) | panqi (E) | Wed, 19 May 2021 12:27:02 +0000 |
| [**[8.7 FS\_EMSA; 813; Block A; 20May 2100 CEST] Pseudo CR to TR 26.803 on Considerations on Media Application Relocation -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=95473) | Imed Bouazizi | Thu, 20 May 2021 14:58:10 +0000 |
| [**[8.7 FS\_EMSA; 813; Block A; 20May 2100 CEST] Pseudo CR to TR 26.803 on Considerations on Media Application Relocation -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=96742) | Imed Bouazizi | Thu, 20 May 2021 15:02:25 +0000 |
| [**[8.7 FS\_EMSA; 813; Block A; 20May 2100 CEST] Pseudo CR to TR 26.803 on Considerations on Media Application Relocation -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=102666) | Richard Bradbury | Thu, 20 May 2021 17:47:29 +0100 |
| [**[8.7 FS\_EMSA; 813; Block A; 20May 2100 CEST] Pseudo CR to TR 26.803 on Considerations on Media Application Relocation -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=119963) | Gabin, Frederic | Thu, 20 May 2021 19:58:46 +0000 |
| [**[8.7 FS\_EMSA; 813; Block A; 21May 2000 CEST] Pseudo CR to TR 26.803 on Considerations on Media Application Relocation -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=138627) | Gabin, Frederic | Thu, 20 May 2021 22:06:08 +0000 |
| [**[8.7 FS\_EMSA; 813; Block A; 21May 2000 CEST] Pseudo CR to TR 26.803 on Considerations on Media Application Relocation -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=12852) | Gabin, Frederic | Mon, 24 May 2021 10:21:19 +0000 |

**Decision:**

* The content of “813 BBC” is agreed via emails. 813 is revised to 902 accordingly and 902 is agreed.

[**S4-210813**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210813.zip) is revised to [**S4-210902**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210902.zip).

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| [S4-210](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_114-e/Docs/S4-210813.zip)902 | Considerations on Media Application Relocation | Qualcomm Wireless GmbH | Imed Bouazizi |

**E-mail Discussion:**

See [S4-210813](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210813.zip).

**Decision:**

* Agreed via emails.

[**S4-210902**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210902.zip) is agreed.

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| [S4-210814](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210814.zip) | Use Case Walkthrough | Qualcomm Wireless GmbH | Imed Bouazizi |

**E-mail Discussion:**

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| [**[8.7 FS\_EMSA; 814; Block A; 20May 2100 CEST] Text proposal to TR 26.803 on Use Case Walkthrough-> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=14927) | Gabin, Frederic | Wed, 19 May 2021 05:57:41 +0000 |
| [**[8.7 FS\_EMSA; 814; Block A; 20May 2100 CEST] Text proposal to TR 26.803 on Use Case Walkthrough-> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=41809) | Iraj Sodagar | Wed, 19 May 2021 19:20:05 +0000 |
| [**[8.7 FS\_EMSA; 814; Block A; 20May 2100 CEST] Text proposal to TR 26.803 on Use Case Walkthrough-> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=115166) | Gabin, Frederic | Thu, 20 May 2021 19:50:16 +0000 |
| [**[8.7 FS\_EMSA; 814; Block A; 21May 2000 CEST] Text proposal to TR 26.803 on Use Case Walkthrough-> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=136316) | Gabin, Frederic | Thu, 20 May 2021 22:04:38 +0000 |
| [**[8.7 FS\_EMSA; 814; Block A; 21May 2000 CEST] Text proposal to TR 26.803 on Use Case Walkthrough-> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=10454) | Gabin, Frederic | Mon, 24 May 2021 10:12:52 +0000 |
| [**[8.7 FS\_EMSA; 814; Block A; 21May 2000 CEST] Text proposal to TR 26.803 on Use Case Walkthrough-> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=57890) | Iraj Sodagar | Mon, 24 May 2021 20:10:09 +0000 |

**Decision:**

* Noted via emails.

[**S4-210814**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210814.zip) is noted.

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| [S4-210826](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210826.zip) | EAS Relocation Aspects in EMSA | Samsung Electronics Polska | Prakash Kolan |

**E-mail Discussion:**

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| [**[8.7 FS\_EMSA; 826, 827; Block A; 20May 2100 CEST] Discussion and pseudo CR to TR 26.803 on EAS Relocation Gap in EMSA architecture**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=19898) | Gabin, Frederic | Wed, 19 May 2021 05:58:28 +0000 |
| [**[8.7 FS\_EMSA; 826, 827; Block A; 20May 2100 CEST] Discussion and pseudo CR to TR 26.803 on EAS Relocation Gap in EMSA architecture**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=25742) | panqi (E) | Wed, 19 May 2021 09:46:44 +0000 |
| [**[8.7 FS\_EMSA; 826, 827; Block A; 20May 2100 CEST] Discussion and pseudo CR to TR 26.803 on EAS Relocation Gap in EMSA architecture**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=28389) | Richard Bradbury | Wed, 19 May 2021 11:45:57 +0100 |
| [**[8.7 FS\_EMSA; 826, 827; Block A; 20May 2100 CEST] Discussion and pseudo CR to TR 26.803 on EAS Relocation Gap in EMSA architecture**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=55982) | Prakash Kolan | Wed, 19 May 2021 23:09:41 +0000 |
| [**[8.7 FS\_EMSA; 826, 827; Block A; 20May 2100 CEST] Discussion and pseudo CR to TR 26.803 on EAS Relocation Gap in EMSA architecture**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=56689) | Prakash Kolan | Wed, 19 May 2021 23:29:43 +0000 |
| [**[8.7 FS\_EMSA; 826, 827; Block A; 20May 2100 CEST] Discussion and pseudo CR to TR 26.803 on EAS Relocation Gap in EMSA architecture**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=69972) | Richard Bradbury | Thu, 20 May 2021 12:11:30 +0100 |
| [**[8.7 FS\_EMSA; 826, 827; Block A; 20May 2100 CEST] Discussion and pseudo CR to TR 26.803 on EAS Relocation Gap in EMSA architecture**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=71818) | Imed Bouazizi | Thu, 20 May 2021 12:20:38 +0000 |
| [**[8.7 FS\_EMSA; 826, 827; Block A; 20May 2100 CEST] Discussion and pseudo CR to TR 26.803 on EAS Relocation Gap in EMSA architecture**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=97495) | Thorsten Lohmar | Thu, 20 May 2021 15:19:29 +0000 |
| [**[8.7 FS\_EMSA; 826, 827; Block A; 20May 2100 CEST] Discussion and pseudo CR to TR 26.803 on EAS Relocation Gap in EMSA architecture**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=120953) | Gabin, Frederic | Thu, 20 May 2021 19:59:48 +0000 |
| [**[8.7 FS\_EMSA; 826, 827; Block A; 20May 2100 CEST] Discussion and pseudo CR to TR 26.803 on EAS Relocation Gap in EMSA architecture**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=132187) | Prakash Kolan | Thu, 20 May 2021 22:00:38 +0000 |
| [**[8.7 FS\_EMSA; 826, 827; Block A; 20May 2100 CEST] Discussion and pseudo CR to TR 26.803 on EAS Relocation Gap in EMSA architecture**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=135291) | Prakash Kolan | Thu, 20 May 2021 22:03:21 +0000 |
| [**[8.7 FS\_EMSA; 826, 827; Block A; 20May 2100 CEST] Discussion and pseudo CR to TR 26.803 on EAS Relocation Gap in EMSA architecture**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=143515) | Prakash Kolan | Fri, 21 May 2021 04:10:38 +0000 |

**Online Discussion:**

* Not presented.

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**Decision:**

* Noted, the focus is on 827.

[**S4-210826**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210826.zip) is noted.

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| [S4-210827](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210827.zip) | EAS Relocation Gap in EMSA architecture | Samsung Electronics Polska, Tencent | Prakash Kolan |

**E-mail Discussion:**

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| [**[8.7 FS\_EMSA; 827; Block A; 21May 2000 CEST] pseudo CR to TR 26.803 on EAS Relocation Gap in EMSA architecture**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=139405) | Gabin, Frederic | Thu, 20 May 2021 22:08:02 +0000 |
| [**[8.7 FS\_EMSA; 826, 827; Block A; 20May 2100 CEST] Discussion and pseudo CR to TR 26.803 on EAS Relocation Gap in EMSA architecture**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=147907) | Richard Bradbury | Fri, 21 May 2021 11:14:47 +0100 |
| [**[8.7 FS\_EMSA; 826, 827; Block A; 20May 2100 CEST] Discussion and pseudo CR to TR 26.803 on EAS Relocation Gap in EMSA architecture**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=163407) | Prakash Kolan | Fri, 21 May 2021 17:41:41 +0000 |
| [**[8.7 FS\_EMSA; 826, 827; Block A; 20May 2100 CEST] Discussion and pseudo CR to TR 26.803 on EAS Relocation Gap in EMSA architecture**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=14797) | Richard Bradbury | Mon, 24 May 2021 12:15:52 +0100 |
| [**[8.7 FS\_EMSA; 827; Block A; 21May 2000 CEST] pseudo CR to TR 26.803 on EAS Relocation Gap in EMSA architecture**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=13684) | Gabin, Frederic | Mon, 24 May 2021 10:22:51 +0000 |

**Decision:**

* Agreed via emails.

[**S4-210827**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210827.zip) is agreed.

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| [S4-210828](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210828.zip) | Updated TR 26.803 | Qualcomm Wireless GmbH | Imed Bouazizi |

**E-mail Discussion:**

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| [**[8.7 FS\_EMSA; 828; Block A; 19May 2100 CEST] Draft TR 26.803 v1.2.1 for agreement as basis for further work**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=13341) | Gabin, Frederic | Wed, 19 May 2021 05:56:16 +0000 |
| [**[8.7 FS\_EMSA; 828; Block A; 19May 2100 CEST] Draft TR 26.803 v1.2.1 for agreement as basis for further work**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=26939) | Richard Bradbury | Wed, 19 May 2021 11:14:49 +0100 |
| [**[8.7 FS\_EMSA; 828; Block A; 19May 2100 CEST] Draft TR 26.803 v1.2.1 for agreement as basis for further work**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=51670) | Gabin, Frederic | Wed, 19 May 2021 21:46:46 +0000 |

**Decision:**

* Agreed via emails.

[**S4-210828**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210828.zip) is agreed.

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| [S4-210915](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210915.zip) | TR EMSA | Qualcomm | Imed Bouazizi |

**E-mail Discussion:**

None.

**Presenter: Imed Bouazizi, Qualcomm**

**Online Discussion:**

* V1.3.0 with and without revision marks. Also a presentation page for SA Plenary.

**Decision:**

* The rapporteur will make fixes as V1.3.1 in time for presentation at SA4#114 Closing Plenary.

[**S4-210915**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210915.zip) is revised to [**S4-210921**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210921.zip).

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| [S4-210921](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210921.zip) | TR EMSA | Qualcomm | Imed Bouazizi |

**Decision:**

* Agreed without presentation and goes to the plenary.

[**S4-210921**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210921.zip) is agreed.

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| [S4-210723](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210723.zip) | Discussion on generic architecture for data collection and reporting | BBC, Dolby Laboratories Inc., LM Ericsson, Qualcomm | Richard Bradbury |

**E-mail Discussion:**

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| [**[8.8 FS\_5GMS\_EXT ; 723; Block B; 25May 2000 CEST] Discussion on generic architecture for data collection and reporting -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=27714) | Gabin, Frederic | Mon, 24 May 2021 16:28:11 +0000 |
| [**[8.8 FS\_5GMS\_EXT ; 723; Block B; 25May 2000 CEST] Discussion on generic architecture for data collection and reporting -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=85282) | panqi (E) | Tue, 25 May 2021 05:10:54 +0000 |
| [**[8.8 FS\_5GMS\_EXT ; 723; Block B; 25May 2000 CEST] Discussion on generic architecture for data collection and reporting -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=92679) | Gunnar Heikkilä | Tue, 25 May 2021 10:48:26 +0000 |
| [**[8.8 FS\_5GMS\_EXT ; 723; Block B; 25May 2000 CEST] Discussion on generic architecture for data collection and reporting -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=93904) | panqi (E) | Tue, 25 May 2021 11:11:54 +0000 |
| [**[8.8 FS\_5GMS\_EXT ; 723; Block B; 25May 2000 CEST] Discussion on generic architecture for data collection and reporting -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=95942) | Gunnar Heikkilä | Tue, 25 May 2021 11:20:11 +0000 |
| [**[8.8 FS\_5GMS\_EXT ; 723; Block B; 25May 2000 CEST] Discussion on generic architecture for data collection and reporting -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=91457) | Richard Bradbury | Tue, 25 May 2021 11:44:32 +0100 |
| [**[8.8 FS\_5GMS\_EXT ; 723; Block B; 25May 2000 CEST] Discussion on generic architecture for data collection and reporting -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=131729) | Gabin, Frederic | Tue, 25 May 2021 19:09:22 +0000 |

**Presenter: Richard Bradbury, BBC**

**Online Discussion:**

* Frédéric: Questions from emails were mainly asking if SA4 is the right place to address this generic architecture or if SA2 is not more relevant.
* Charles: SA2 is aware of this document. They like what is proposed here. An LS requesting this generic architecture to SA2 seems a good way to do the work.
* Qi: We also support this generic architecture but not done by SA4. In addition, I wonder if we need to loop SA6.
* Frédéric: I see no disagreement but we need to clarify with SA2.
* Thorsten: Why do people think that SA4 should not do it?
* Qi: The scope of SA4 is for media services. The framework should be generic enough, not only in the media.
* Gunnar: We are first in the pipe. From a practical point of view, SA4 could initiate the work.
* Thomas: We never have done these things. There could be privacy issues.
* Frédéric: Could we agree with this principle proposal and see the details later, especially on privacy. I think we need to draft something in an LS.

**Decision:**

* Agreed.

[**S4-210723**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210723.zip) is agreed.

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

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| [S4-210725](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210725.zip) | draft TR 26.804 v0.2.1 | Ericsson GmbH, Eurolab | Thorsten Lohmar |

**E-mail Discussion:**

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| [**[8.8 FS\_5GMS\_EXT ; 725; Block B; 26May 2000 CEST] draft TR 26.804 v0.2.1 -> for agreement as basis for further work**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=171137) | Gabin, Frederic | Wed, 26 May 2021 09:18:19 +0000 |
| [**[8.8 FS\_5GMS\_EXT ; 725; Block B; 26May 2000 CEST] draft TR 26.804 v0.2.1 -> for agreement as basis for further work**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=199665) | Gabin, Frederic | Wed, 26 May 2021 18:58:37 +0000 |

**Presenter: Thorsten Lohmar, Ericsson**

**Online Discussion:**

* None.

**Decision:**

* Agreed as basis for further work.

[**S4-210725**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210725.zip) is agreed.

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| [S4-210760](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210760.zip) | Interfaces and Formats for AF Data Collection and Event Exposure | Qualcomm Incorporated | Charles Lo |

**E-mail Discussion:**

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| [**[MBS] revision of S4-201760**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&P=R14532) | Charles Lo | Wed, 19 May 2021 15:37:09 +0000 |
| [**[MBS] revision of S4-201760**](https://list.etsi.org/scripts/wa.exe?A2=ind2105C&L=3GPP_TSG_SA_WG4_MBS&D=0&P=42770) | Charles Lo | Wed, 19 May 2021 20:18:41 +0000 |

**Decision:**

* Revised via emails.

[**S4-210760**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210760.zip) is revised to [**S4-210951**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210951.zip).

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| [S4-210](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_114-e/Docs/S4-210760.zip)951 | Interfaces and Formats for AF Data Collection and Event Exposure | Qualcomm Incorporated | Charles Lo |

**E-mail Discussion:**

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| [**[8.8 FS\_5GMS\_EXT ; 951; Block B; 25May 2000 CEST] Text proposal to TR 26.804 on Interfaces and Formats for AF Data Collection and Event Exposure -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=28476) | Gabin, Frederic | Mon, 24 May 2021 16:28:16 +0000 |
| [**[8.8 FS\_5GMS\_EXT ; 951; Block B; 25May 2000 CEST] Text proposal to TR 26.804 on Interfaces and Formats for AF Data Collection and Event Exposure -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=42759) | Richard Bradbury | Mon, 24 May 2021 18:28:38 +0100 |
| [**[8.8 FS\_5GMS\_EXT ; 951; Block B; 26May 2000 CEST] Text proposal to TR 26.804 on Interfaces and Formats for AF Data Collection and Event Exposure -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=132412) | Gabin, Frederic | Tue, 25 May 2021 19:14:39 +0000 |
| [**[8.8 FS\_5GMS\_EXT ; 951; Block B; 26May 2000 CEST] Text proposal to TR 26.804 on Interfaces and Formats for AF Data Collection and Event Exposure -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=160194) | Charles Lo | Tue, 25 May 2021 22:11:28 +0000 |
| [**[8.8 FS\_5GMS\_EXT ; 951; Block B; 26May 2000 CEST] Text proposal to TR 26.804 on Interfaces and Formats for AF Data Collection and Event Exposure -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=164337) | Richard Bradbury | Wed, 26 May 2021 01:00:44 +0100 |
| [**[8.8 FS\_5GMS\_EXT ; 951; Block B; 26May 2000 CEST] Text proposal to TR 26.804 on Interfaces and Formats for AF Data Collection and Event Exposure -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=182355) | Charles Lo | Wed, 26 May 2021 14:07:14 +0000 |
| [**[8.8 FS\_5GMS\_EXT ; 951; Block B; 26May 2000 CEST] Text proposal to TR 26.804 on Interfaces and Formats for AF Data Collection and Event Exposure -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=183290) | Richard Bradbury | Wed, 26 May 2021 15:14:08 +0100 |
| [**[8.8 FS\_5GMS\_EXT ; 951; Block B; 26May 2000 CEST] Text proposal to TR 26.804 on Interfaces and Formats for AF Data Collection and Event Exposure -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=203035) | Gabin, Frederic | Wed, 26 May 2021 19:03:39 +0000 |

**Decision:**

* Revised via emails.

[**S4-210951**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210951.zip) is revised to [**S4-210964**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210964.zip).

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| [S4-210](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_114-e/Docs/S4-210760.zip)964 | Interfaces and Formats for AF Data Collection and Event Exposure | Qualcomm Incorporated | Charles Lo |

**E-mail Discussion:**

(See [S4-210951](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210951.zip).)

**Presenter: Charles Lo, Qualcomm**

**Online Discussion:**

* None.

**Decision:**

* Agreed. The TR editor will incorporate the clauses.

[**S4-210964**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210964.zip) is agreed.

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| [S4-210761](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210761.zip) | Use Cases for Uplink Streaming Metrics Reporting | Qualcomm Incorporated | Charles Lo |

[**S4-210761**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210761.zip) is noted.

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| [S4-210764](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210764.zip) | [FS\_5GMS\_EXT]: Content preparation: Address translation gap | Tencent | Iraj Sodagar |

**E-mail Discussion:**

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| [**[8.8 FS\_5GMS\_EXT ; 764; Block B; 25May 2000 CEST] pCR to TR 26.804 on Content preparation: Address translation gap -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=37645) | Gabin, Frederic | Mon, 24 May 2021 16:59:10 +0000 |
| [**[8.8 FS\_5GMS\_EXT ; 764; Block B; 25May 2000 CEST] pCR to TR 26.804 on Content preparation: Address translation gap -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=45990) | Richard Bradbury | Mon, 24 May 2021 19:02:56 +0100 |
| [**[8.8 FS\_5GMS\_EXT ; 764; Block B; 25May 2000 CEST] pCR to TR 26.804 on Content preparation: Address translation gap -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=60861) | Iraj Sodagar | Mon, 24 May 2021 20:30:09 +0000 |
| [**[8.8 FS\_5GMS\_EXT ; 764; Block B; 25May 2000 CEST] pCR to TR 26.804 on Content preparation: Address translation gap -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=63571) | Emmanuel Thomas | Mon, 24 May 2021 21:25:57 +0000 |
| [**[8.8 FS\_5GMS\_EXT ; 764; Block B; 25May 2000 CEST] pCR to TR 26.804 on Content preparation: Address translation gap -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=67999) | Iraj Sodagar | Mon, 24 May 2021 21:58:55 +0000 |
| [**[8.8 FS\_5GMS\_EXT ; 764; Block B; 25May 2000 CEST] pCR to TR 26.804 on Content preparation: Address translation gap -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=71299) | Emmanuel Thomas | Mon, 24 May 2021 22:41:27 +0000 |
| [**[8.8 FS\_5GMS\_EXT ; 764; Block B; 25May 2000 CEST] pCR to TR 26.804 on Content preparation: Address translation gap -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=77189) | Iraj Sodagar | Mon, 24 May 2021 23:38:13 +0000 |
| [**[8.8 FS\_5GMS\_EXT ; 764; Block B; 25May 2000 CEST] pCR to TR 26.804 on Content preparation: Address translation gap -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=89307) | Emmanuel Thomas | Tue, 25 May 2021 09:07:02 +0000 |
| [**[8.8 FS\_5GMS\_EXT ; 764; Block B; 25May 2000 CEST] pCR to TR 26.804 on Content preparation: Address translation gap -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=129423) | Imed Bouazizi | Tue, 25 May 2021 18:23:12 +0000 |
| [**[8.8 FS\_5GMS\_EXT ; 764; Block B; 25May 2000 CEST] pCR to TR 26.804 on Content preparation: Address translation gap -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=152100) | Iraj Sodagar | Tue, 25 May 2021 19:57:21 +0000 |
| [**[8.8 FS\_5GMS\_EXT ; 764; Block B; 25May 2000 CEST] pCR to TR 26.804 on Content preparation: Address translation gap -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=163232) | Iraj Sodagar | Tue, 25 May 2021 22:34:02 +0000 |
| [**[8.8 FS\_5GMS\_EXT ; 764; Block B; 25May 2000 CEST] pCR to TR 26.804 on Content preparation: Address translation gap -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=159899) | Richard Bradbury | Tue, 25 May 2021 23:02:45 +0100 |
| [**[8.8 FS\_5GMS\_EXT ; 764; Block B; 26May 2000 CEST] pCR to TR 26.804 on Content preparation: Address translation gap -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=140166) | Gabin, Frederic | Tue, 25 May 2021 19:39:57 +0000 |
| [**[8.8 FS\_5GMS\_EXT ; 764; Block B; 26May 2000 CEST] pCR to TR 26.804 on Content preparation: Address translation gap -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=204818) | Gabin, Frederic | Wed, 26 May 2021 19:06:22 +0000 |

**Presenter: Iraj Sodagar, Tencent**

**Online Discussion:**

* R01 BBC was presented.
* Imed: Didn’t understand why the first two examples were still there.
* Iraj: Asked 24 hours ago if this revision is acceptable.
* Imed: I am fine as long as we don’t mess up the content preparation rules.
* Iraj: Just documenting the capabilities we have today.

**Decision:**

* Postponed to an adhoc telco. Needs to be resubmitted.

[**S4-210764**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210764.zip) is noted.

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| [S4-210765](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210765.zip) | [FS\_5GMS\_EXT]: Content preparation: CMAF template | Tencent | Iraj Sodagar |

**E-mail Discussion:**

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| [**[8.8 FS\_5GMS\_EXT ; 765; Block B; 25May 2000 CEST] pCR to TR 26.804 on Candidate solution for Content Preparation format -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=38471) | Gabin, Frederic | Mon, 24 May 2021 16:59:17 +0000 |
| [**[8.8 FS\_5GMS\_EXT ; 765; Block B; 25May 2000 CEST] pCR to TR 26.804 on Candidate solution for Content Preparation format -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=47930) | Iraj Sodagar | Mon, 24 May 2021 18:30:45 +0000 |
| [**[8.8 FS\_5GMS\_EXT ; 765; Block B; 25May 2000 CEST] pCR to TR 26.804 on Candidate solution for Content Preparation format -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=46284) | Richard Bradbury | Mon, 24 May 2021 19:06:51 +0100 |
| [**[8.8 FS\_5GMS\_EXT ; 765; Block B; 25May 2000 CEST] pCR to TR 26.804 on Candidate solution for Content Preparation format -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=68935) | Richard Bradbury | Mon, 24 May 2021 23:01:21 +0100 |
| [**[8.8 FS\_5GMS\_EXT ; 765; Block B; 25May 2000 CEST] pCR to TR 26.804 on Candidate solution for Content Preparation format -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=79768) | Iraj Sodagar | Mon, 24 May 2021 23:59:02 +0000 |
| [**[8.8 FS\_5GMS\_EXT ; 765; Block B; 25May 2000 CEST] pCR to TR 26.804 on Candidate solution for Content Preparation format -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=96833) | Richard Bradbury | Tue, 25 May 2021 12:47:57 +0100 |
| [**[8.8 FS\_5GMS\_EXT ; 765; Block B; 25May 2000 CEST] pCR to TR 26.804 on Candidate solution for Content Preparation format -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=130375) | Imed Bouazizi | Tue, 25 May 2021 18:32:58 +0000 |
| [**[8.8 FS\_5GMS\_EXT ; 765; Block B; 25May 2000 CEST] pCR to TR 26.804 on Candidate solution for Content Preparation format -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=142650) | Iraj Sodagar | Tue, 25 May 2021 19:44:20 +0000 |
| [**[8.8 FS\_5GMS\_EXT ; 765; Block B; 26May 2000 CEST] pCR to TR 26.804 on Candidate solution for Content Preparation format -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=140979) | Gabin, Frederic | Tue, 25 May 2021 19:41:21 +0000 |
| [**[8.8 FS\_5GMS\_EXT ; 765; Block B; 26May 2000 CEST] pCR to TR 26.804 on Candidate solution for Content Preparation format -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=206075) | Gabin, Frederic | Wed, 26 May 2021 19:15:47 +0000 |

**Decision:**

* 765r03 agreeable via emails. Revised to 940.

[**S4-210765**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210765.zip) is revised to **S4-210940**.

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| [S4-210940](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210940.zip) | [FS\_5GMS\_EXT]: Content preparation: CMAF template | Tencent | Iraj Sodagar |

**E-mail Discussion:**

See S4-210765.

**Decision:**

* To be presented to the SA4 Plenary.

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| [S4-210766](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210766.zip) | [FS\_5GMS\_EXT]: Uplink streaming: Other collaboration scenarios call flows | Tencent | Iraj Sodagar |

**E-mail Discussion:**

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| [**[8.8 FS\_5GMS\_EXT ; 766; Block B; 25May 2000 CEST] pCR to TR 26.804 on Updated text for uplink streaming -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=41091) | Gabin, Frederic | Mon, 24 May 2021 17:24:30 +0000 |
| [**[8.8 FS\_5GMS\_EXT ; 766; Block B; 25May 2000 CEST] pCR to TR 26.804 on Updated text for uplink streaming -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=46583) | Richard Bradbury | Mon, 24 May 2021 19:17:11 +0100 |
| [**[8.8 FS\_5GMS\_EXT ; 766; Block B; 25May 2000 CEST] pCR to TR 26.804 on Updated text for uplink streaming -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=59916) | Iraj Sodagar | Mon, 24 May 2021 20:29:09 +0000 |
| [**[8.8 FS\_5GMS\_EXT ; 766; Block B; 25May 2000 CEST] pCR to TR 26.804 on Updated text for uplink streaming -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=69234) | Charles Lo | Mon, 24 May 2021 22:08:58 +0000 |
| [**[8.8 FS\_5GMS\_EXT ; 766; Block B; 25May 2000 CEST] pCR to TR 26.804 on Updated text for uplink streaming -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=75417) | Iraj Sodagar | Mon, 24 May 2021 23:31:13 +0000 |
| [**[8.8 FS\_5GMS\_EXT ; 766; Block B; 25May 2000 CEST] pCR to TR 26.804 on Updated text for uplink streaming -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=80765) | Charles Lo | Tue, 25 May 2021 01:46:02 +0000 |
| [**[8.8 FS\_5GMS\_EXT ; 766; Block B; 25May 2000 CEST] pCR to TR 26.804 on Updated text for uplink streaming -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=81727) | Iraj Sodagar | Tue, 25 May 2021 01:59:36 +0000 |
| [**[8.8 FS\_5GMS\_EXT ; 766; Block B; 25May 2000 CEST] pCR to TR 26.804 on Updated text for uplink streaming -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=97132) | Richard Bradbury | Tue, 25 May 2021 13:10:39 +0100 |
| [**[8.8 FS\_5GMS\_EXT ; 766; Block B; 26May 2000 CEST] pCR to TR 26.804 on Updated text for uplink streaming -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=143681) | Gabin, Frederic | Tue, 25 May 2021 19:44:59 +0000 |
| [**[8.8 FS\_5GMS\_EXT ; 766; Block B; 26May 2000 CEST] pCR to TR 26.804 on Updated text for uplink streaming -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=165731) | Iraj Sodagar | Wed, 26 May 2021 03:20:57 +0000 |
| [**[8.8 FS\_5GMS\_EXT ; 766; Block B; 26May 2000 CEST] pCR to TR 26.804 on Updated text for uplink streaming -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=175246) | Richard Bradbury | Wed, 26 May 2021 11:32:03 +0100 |
| [**[8.8 FS\_5GMS\_EXT ; 766; Block B; 26May 2000 CEST] pCR to TR 26.804 on Updated text for uplink streaming -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=193535) | Iraj Sodagar | Wed, 26 May 2021 17:49:13 +0000 |
| [**[8.8 FS\_5GMS\_EXT ; 766; Block B; 26May 2000 CEST] pCR to TR 26.804 on Updated text for uplink streaming -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=181674) | Iraj Sodagar | Wed, 26 May 2021 13:53:59 +0000 |
| [**[8.8 FS\_5GMS\_EXT ; 766; Block B; 26May 2000 CEST] pCR to TR 26.804 on Updated text for uplink streaming -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=189485) | Iraj Sodagar | Wed, 26 May 2021 16:57:28 +0000 |
| [**[8.8 FS\_5GMS\_EXT ; 766; Block B; 26May 2000 CEST] pCR to TR 26.804 on Updated text for uplink streaming -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=193251) | Richard Bradbury | Wed, 26 May 2021 18:28:25 +0100 |
| [**[8.8 FS\_5GMS\_EXT ; 766; Block B; 26May 2000 CEST] pCR to TR 26.804 on Updated text for uplink streaming -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=206914) | Gabin, Frederic | Wed, 26 May 2021 19:17:40 +0000 |

**Decision:**

* Revised via emails.

[**S4-210766**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210766.zip) is revised to [**S4-210917**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210917.zip).

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| [S4-210](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_114-e/Docs/S4-210766.zip)917 | [FS\_5GMS\_EXT]: Uplink streaming: Other collaboration scenarios call flows | Tencent | Iraj Sodagar |

**E-mail Discussion:**

See [S4-210766](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210766.zip).

**Online Discussion:**

* None.

**Decision:**

* Agreed for incorporation into the TR.

[**S4-210917**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210917.zip) is agreed.

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| [S4-210767](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210767.zip) | [FS\_5GMS\_EXT]: Uplink streaming: additional potential open issues | Tencent | Iraj Sodagar |

**E-mail Discussion:**

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| [**[8.8 FS\_5GMS\_EXT ; 767; Block B; 26May 2000 CEST] pCR to TR 26.804 on Uplink streaming: additional potential open issues -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=175530) | Richard Bradbury | Wed, 26 May 2021 12:10:52 +0100 |
| [**[8.8 FS\_5GMS\_EXT ; 767; Block B; 25May 2000 CEST] pCR to TR 26.804 on Uplink streaming: additional potential open issues -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=41924) | Gabin, Frederic | Mon, 24 May 2021 17:24:35 +0000 |
| [**[8.8 FS\_5GMS\_EXT ; 767; Block B; 25May 2000 CEST] pCR to TR 26.804 on Uplink streaming: additional potential open issues -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=46866) | Richard Bradbury | Mon, 24 May 2021 19:24:48 +0100 |
| [**[8.8 FS\_5GMS\_EXT ; 767; Block B; 25May 2000 CEST] pCR to TR 26.804 on Uplink streaming: additional potential open issues -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=61774) | Iraj Sodagar | Mon, 24 May 2021 20:50:09 +0000 |
| [**[8.8 FS\_5GMS\_EXT ; 767; Block B; 25May 2000 CEST] pCR to TR 26.804 on Uplink streaming: additional potential open issues -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=78021) | Charles Lo | Mon, 24 May 2021 23:51:58 +0000 |
| [**[8.8 FS\_5GMS\_EXT ; 767; Block B; 25May 2000 CEST] pCR to TR 26.804 on Uplink streaming: additional potential open issues -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=82626) | Iraj Sodagar | Tue, 25 May 2021 01:55:37 +0000 |
| [**[8.8 FS\_5GMS\_EXT ; 767; Block B; 25May 2000 CEST] pCR to TR 26.804 on Uplink streaming: additional potential open issues -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=97415) | Richard Bradbury | Tue, 25 May 2021 13:53:51 +0100 |
| [**[8.8 FS\_5GMS\_EXT ; 767; Block B; 25May 2000 CEST] pCR to TR 26.804 on Uplink streaming: additional potential open issues -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=139266) | Iraj Sodagar | Tue, 25 May 2021 19:28:21 +0000 |
| [**[8.8 FS\_5GMS\_EXT ; 767; Block B; 25May 2000 CEST] pCR to TR 26.804 on Uplink streaming: additional potential open issues -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=144481) | Gabin, Frederic | Tue, 25 May 2021 19:46:44 +0000 |
| [**[8.8 FS\_5GMS\_EXT ; 767; Block B; 26May 2000 CEST] pCR to TR 26.804 on Uplink streaming: additional potential open issues -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=157394) | Gabin, Frederic | Tue, 25 May 2021 21:53:33 +0000 |
| [**[8.8 FS\_5GMS\_EXT ; 767; Block B; 26May 2000 CEST] pCR to TR 26.804 on Uplink streaming: additional potential open issues -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=164662) | Charles Lo | Wed, 26 May 2021 02:23:17 +0000 |
| [**[8.8 FS\_5GMS\_EXT ; 767; Block B; 26May 2000 CEST] pCR to TR 26.804 on Uplink streaming: additional potential open issues -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=168550) | Iraj Sodagar | Wed, 26 May 2021 06:18:21 +0000 |
| [**[8.8 FS\_5GMS\_EXT ; 767; Block B; 26May 2000 CEST] pCR to TR 26.804 on Uplink streaming: additional potential open issues -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=179837) | Iraj Sodagar | Wed, 26 May 2021 13:43:17 +0000 |
| [**[8.8 FS\_5GMS\_EXT ; 767; Block B; 26May 2000 CEST] pCR to TR 26.804 on Uplink streaming: additional potential open issues -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=191213) | Iraj Sodagar | Wed, 26 May 2021 17:00:28 +0000 |
| [**[8.8 FS\_5GMS\_EXT ; 767; Block B; 26May 2000 CEST] pCR to TR 26.804 on Uplink streaming: additional potential open issues -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=192445) | Charles Lo | Wed, 26 May 2021 17:10:59 +0000 |
| [**[8.8 FS\_5GMS\_EXT ; 767; Block B; 26May 2000 CEST] pCR to TR 26.804 on Uplink streaming: additional potential open issues -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=192144) | Richard Bradbury | Wed, 26 May 2021 18:06:16 +0100 |
| [**[8.8 FS\_5GMS\_EXT ; 767; Block B; 26May 2000 CEST] pCR to TR 26.804 on Uplink streaming: additional potential open issues -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=208743) | Gabin, Frederic | Wed, 26 May 2021 19:20:24 +0000 |

**Presenter: Iraj Sodagar, Tencent**

**Online Discussion:**

* r02 was presented.
* Charles: Can I have more time to take a look?

**Decision:**

* [S4-210767](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210767.zip)r04 Seems agreeable. Revised via emails.

[**S4-210767**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210767.zip) is revised to [**S4-210918**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210918.zip).

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| [S4-210](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_114-e/Docs/S4-210767.zip)918 | [FS\_5GMS\_EXT]: Uplink streaming: additional potential open issues | Tencent | Iraj Sodagar |

**E-mail Discussion:**

See [S4-210767](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210767.zip).

**Online Discussion:**

* None.

**Decision:**

* Agreed for incorporation into the TR.

[**S4-210918**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210918.zip) is agreed.

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| [S4-210769](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210769.zip) | [FS\_5GMS\_EXT]: Proposed workplan update | Tencent | Iraj Sodagar |

**Decision:**

* To be presented to the SA4 plenary.

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| [S4-210770](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210770.zip) | Update on the content aware streaming | Huawei Technologies Co.,Ltd. | Qi Pan |

**E-mail Discussion:**

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| [**[8.8 FS\_5GMS\_EXT ; 770; Block B; 25May 2000 CEST] pCR to TR 26.804 on Update on the content aware streaming -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=33226) | Gabin, Frederic | Mon, 24 May 2021 16:43:13 +0000 |
| [**[8.8 FS\_5GMS\_EXT ; 770; Block B; 25May 2000 CEST] pCR to TR 26.804 on Update on the content aware streaming -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=43423) | Richard Bradbury | Mon, 24 May 2021 18:40:48 +0100 |
| [**[8.8 FS\_5GMS\_EXT ; 770; Block B; 25May 2000 CEST] pCR to TR 26.804 on Update on the content aware streaming -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=87805) | panqi (E) | Tue, 25 May 2021 06:27:33 +0000 |
| [**[8.8 FS\_5GMS\_EXT ; 770; Block B; 25May 2000 CEST] pCR to TR 26.804 on Update on the content aware streaming -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=103269) | Thomas Stockhammer | Tue, 25 May 2021 14:01:03 +0000 |
| [**[8.8 FS\_5GMS\_EXT ; 770; Block B; 25May 2000 CEST] pCR to TR 26.804 on Update on the content aware streaming -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=98193) | Richard Bradbury | Tue, 25 May 2021 14:13:59 +0100 |
| [**[8.8 FS\_5GMS\_EXT ; 770; Block B; 25May 2000 CEST] pCR to TR 26.804 on Update on the content aware streaming -> for agreement(Internet mail)**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=112089) | sdawkins(Paul SpencerDawkins) | Tue, 25 May 2021 16:28:44 +0000 |
| [**[8.8 FS\_5GMS\_EXT ; 770; Block B; 25May 2000 CEST] pCR to TR 26.804 on Update on the content aware streaming -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=116058) | panqi (E) | Tue, 25 May 2021 17:00:17 +0000 |
| [**[8.8 FS\_5GMS\_EXT ; 770; Block B; 25May 2000 CEST] pCR to TR 26.804 on Update on the content aware streaming -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=116791) | panqi (E) | Tue, 25 May 2021 17:00:23 +0000 |
| [**[8.8 FS\_5GMS\_EXT ; 770; Block B; 25May 2000 CEST] pCR to TR 26.804 on Update on the content aware streaming -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=136892) | Gabin, Frederic | Tue, 25 May 2021 19:22:11 +0000 |

**Presenter: Qi Pan, Huawei**

**Online Discussion:**

* r02 was presented.
* Thomas: We need to create a new key issue on this, this is different from streaming.
* Qi: I am OK to put this in a new key issue.

**Decision:**

* Noted. A new document with a new key issue will be submitted in a future meeting.

[**S4-210770**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210770.zip) is noted.

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| [S4-210771](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210771.zip) | Update on relevant architecture components for traffic identification | Huawei Technologies Co.,Ltd. | Qi Pan |

**E-mail Discussion:**

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| [**[8.8 FS\_5GMS\_EXT ; 771; Block B; 25May 2000 CEST] pCR to TR 26.804 on Update on relevant architecture components for traffic identificaiton -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=31389) | Gabin, Frederic | Mon, 24 May 2021 16:37:42 +0000 |
| [**[8.8 FS\_5GMS\_EXT ; 771; Block B; 25May 2000 CEST] pCR to TR 26.804 on Update on relevant architecture components for traffic identificaiton -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=127367) | Imed Bouazizi | Tue, 25 May 2021 18:09:26 +0000 |
| [**[8.8 FS\_5GMS\_EXT ; 771; Block B; 25May 2000 CEST] pCR to TR 26.804 on Update on relevant architecture components for traffic identificaiton -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=136035) | Gabin, Frederic | Tue, 25 May 2021 19:18:23 +0000 |

**Decision:**

* Agreed via emails.

[**S4-210771**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210771.zip) is agreed.

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| [S4-210775](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210775.zip) | Updated text on uplink streaming | Qualcomm Incorporated | Charles Lo |

**E-mail Discussion:**

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| [**[8.8 FS\_5GMS\_EXT ; 775; Block B; 25May 2000 CEST] pCR to TR 26.804 on Updated text on uplink streaming -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=40213) | Gabin, Frederic | Mon, 24 May 2021 17:24:25 +0000 |
| [**[8.8 FS\_5GMS\_EXT ; 775; Block B; 25May 2000 CEST] pCR to TR 26.804 on Updated text on uplink streaming -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=141802) | Gabin, Frederic | Tue, 25 May 2021 19:41:44 +0000 |

**Decision:**

* Agreed via emails.

[**S4-210775**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210775.zip) is agreed.

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| [S4-210806](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210806.zip) | [FS\_5GMS-EXT] Key Topic Additional / New transport protocols | Qualcomm Incorporated | Thomas Stockhammer |

[**S4-210806**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210806.zip) is noted.

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| [S4-210807](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210807.zip) | [FS\_5GMS-EXT] Key Topic Content Aware Streaming | Qualcomm Incorporated | Thomas Stockhammer |

[**S4-210807**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210807.zip) is noted.

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| [S4-210808](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210808.zip) | [FS\_5GMS-EXT] Key Topic Support for encrypted and high-value content | Qualcomm Incorporated | Thomas Stockhammer |

[**S4-210808**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210808.zip) is noted.

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| [S4-210809](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210809.zip) | [FS\_5GMS-EXT] Key Topic Scalable distribution of unicast Live Services | Qualcomm Incorporated | Thomas Stockhammer |

**E-mail Discussion:**

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| [**[8.8 FS\_5GMS\_EXT ; 809; Block B; 25May 2000 CEST] pCR to TR 26.804 on Key Topic Scalable distribution of unicast Live Services -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=35604) | Gabin, Frederic | Mon, 24 May 2021 16:52:05 +0000 |
| [**[8.8 FS\_5GMS\_EXT ; 809; Block B; 25May 2000 CEST] pCR to TR 26.804 on Key Topic Scalable distribution of unicast Live Services -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=45684) | Richard Bradbury | Mon, 24 May 2021 18:57:55 +0100 |
| [**[8.8 FS\_5GMS\_EXT ; 809; Block B; 25May 2000 CEST] pCR to TR 26.804 on Key Topic Scalable distribution of unicast Live Services -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=62671) | Emmanuel Thomas | Mon, 24 May 2021 20:50:36 +0000 |
| [**[8.8 FS\_5GMS\_EXT ; 809; Block B; 25May 2000 CEST] pCR to TR 26.804 on Key Topic Scalable distribution of unicast Live Services -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=106198) | Thomas Stockhammer | Tue, 25 May 2021 15:06:47 +0000 |
| [**[8.8 FS\_5GMS\_EXT ; 809; Block B; 25May 2000 CEST] pCR to TR 26.804 on Key Topic Scalable distribution of unicast Live Services -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=107116) | Thomas Stockhammer | Tue, 25 May 2021 15:13:47 +0000 |
| [**[8.8 FS\_5GMS\_EXT ; 809; Block B; 25May 2000 CEST] pCR to TR 26.804 on Key Topic Scalable distribution of unicast Live Services -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=120917) | Thomas Stockhammer | Tue, 25 May 2021 17:19:42 +0000 |
| [**[8.8 FS\_5GMS\_EXT ; 809; Block B; 25May 2000 CEST] pCR to TR 26.804 on Key Topic Scalable distribution of unicast Live Services -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=124172) | Thomas Stockhammer | Tue, 25 May 2021 17:35:57 +0000 |
| [**[8.8 FS\_5GMS\_EXT ; 809; Block B; 25May 2000 CEST] pCR to TR 26.804 on Key Topic Scalable distribution of unicast Live Services -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=115752) | Richard Bradbury | Tue, 25 May 2021 17:59:22 +0100 |
| [**[8.8 FS\_5GMS\_EXT ; 809; Block B; 25May 2000 CEST] pCR to TR 26.804 on Key Topic Scalable distribution of unicast Live Services -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=123059) | Richard Bradbury | Tue, 25 May 2021 18:33:04 +0100 |
| [**[8.8 FS\_5GMS\_EXT ; 809; Block B; 25May 2000 CEST] pCR to TR 26.804 on Key Topic Scalable distribution of unicast Live Services -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=128203) | Richard Bradbury | Tue, 25 May 2021 19:11:28 +0100 |
| [**[8.8 FS\_5GMS\_EXT ; 809; Block B; 25May 2000 CEST] pCR to TR 26.804 on Key Topic Scalable distribution of unicast Live Services -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=133278) | Thomas Stockhammer | Tue, 25 May 2021 19:14:32 +0000 |
| [**[8.8 FS\_5GMS\_EXT ; 809; Block B; 25May 2000 CEST] pCR to TR 26.804 on Key Topic Scalable distribution of unicast Live Services -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=138467) | Gabin, Frederic | Tue, 25 May 2021 19:28:18 +0000 |
| [**[8.8 FS\_5GMS\_EXT ; 809; Block B; 25May 2000 CEST] pCR to TR 26.804 on Key Topic Scalable distribution of unicast Live Services -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=153920) | Thomas Stockhammer | Tue, 25 May 2021 21:10:53 +0000 |

**Presenter: Thomas Stockhammer, Qualcomm**

**Online Discussion:**

* r03 was presented.
* Thosrten: Is MNOs providing a CDN in their network essential?
* Thomas: You need chunking end-to-end. It needs to be documented.

**Decision:**

* r03 is agreed. BBC will be added as co-signer. Revised to 911 which is agreed without presentation.

[**S4-210809**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210809.zip) is revised to [**S4-210911**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210911.zip).

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| [S4-210](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_114-e/Docs/S4-210809.zip)911 | [FS\_5GMS-EXT] Key Topic Scalable distribution of unicast Live Services | Qualcomm Incorporated | Thomas Stockhammer |

**E-mail Discussion:**

See [S4-210809](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210809.zip).

**Decision:**

* Agreed without presentation.

[**S4-210911**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210911.zip) is agreed.

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| [S4-210822](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210822.zip) | Clarification of Traffic Identification description and addition of identified open issues | Ericsson LM | Bo Burman |

**E-mail Discussion:**

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| [**[8.8 FS\_5GMS\_EXT ; 822; Block B; 25May 2000 CEST] pCR to TR 26.804 on Clarification of Traffic Identification description and addition of identified open issues -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=32197) | Gabin, Frederic | Mon, 24 May 2021 16:37:45 +0000 |
| [**[8.8 FS\_5GMS\_EXT ; 822; Block B; 25May 2000 CEST] pCR to TR 26.804 on Clarification of Traffic Identification description and addition of identified open issues -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=43083) | Richard Bradbury | Mon, 24 May 2021 18:36:10 +0100 |
| [**[8.8 FS\_5GMS\_EXT ; 822; Block B; 25May 2000 CEST] pCR to TR 26.804 on Clarification of Traffic Identification description and addition of identified open issues -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=84411) | panqi (E) | Tue, 25 May 2021 03:47:51 +0000 |
| [**[8.8 FS\_5GMS\_EXT ; 822; Block B; 25May 2000 CEST] pCR to TR 26.804 on Clarification of Traffic Identification description and addition of identified open issues -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=98480) | Thorsten Lohmar | Tue, 25 May 2021 13:16:41 +0000 |
| [**[8.8 FS\_5GMS\_EXT ; 822; Block B; 25May 2000 CEST] pCR to TR 26.804 on Clarification of Traffic Identification description and addition of identified open issues -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=99518) | Thorsten Lohmar | Tue, 25 May 2021 13:24:31 +0000 |
| [**[8.8 FS\_5GMS\_EXT ; 822; Block B; 25May 2000 CEST] pCR to TR 26.804 on Clarification of Traffic Identification description and addition of identified open issues -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=126077) | Imed Bouazizi | Tue, 25 May 2021 18:02:38 +0000 |
| [**[8.8 FS\_5GMS\_EXT ; 822; Block B; 25May 2000 CEST] pCR to TR 26.804 on Clarification of Traffic Identification description and addition of identified open issues -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=135226) | Gabin, Frederic | Tue, 25 May 2021 19:17:44 +0000 |
| [**[8.8 FS\_5GMS\_EXT ; 822; Block B; 25May 2000 CEST] pCR to TR 26.804 on Clarification of Traffic Identification description and addition of identified open issues -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=172541) | Thorsten Lohmar | Wed, 26 May 2021 09:58:00 +0000 |
| [**[8.8 FS\_5GMS\_EXT ; 822; Block B; 26May 2000 CEST] pCR to TR 26.804 on Clarification of Traffic Identification description and addition of identified open issues -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=156520) | Gabin, Frederic | Tue, 25 May 2021 21:53:00 +0000 |
| [**[8.8 FS\_5GMS\_EXT ; 822; Block B; 25May 2000 CEST] pCR to TR 26.804 on Clarification of Traffic Identification description and addition of identified open issues -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=184781) | Imed Bouazizi | Wed, 26 May 2021 15:21:15 +0000 |
| [**[8.8 FS\_5GMS\_EXT ; 822; Block B; 25May 2000 CEST] pCR to TR 26.804 on Clarification of Traffic Identification description and addition of identified open issues -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=184239) | Richard Bradbury | Wed, 26 May 2021 15:39:57 +0100 |
| [**[8.8 FS\_5GMS\_EXT ; 822; Block B; 25May 2000 CEST] pCR to TR 26.804 on Clarification of Traffic Identification description and addition of identified open issues -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=187262) | Thorsten Lohmar | Wed, 26 May 2021 16:02:59 +0000 |
| [**[8.8 FS\_5GMS\_EXT ; 822; Block B; 25May 2000 CEST] pCR to TR 26.804 on Clarification of Traffic Identification description and addition of identified open issues -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=203985) | Gabin, Frederic | Wed, 26 May 2021 19:04:45 +0000 |
| [**[8.8 FS\_5GMS\_EXT ; 822; Block B; 25May 2000 CEST] pCR to TR 26.804 on Clarification of Traffic Identification description and addition of identified open issues -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=207788) | Thorsten Lohmar | Wed, 26 May 2021 19:18:15 +0000 |

**Presenter: Thorsten Lohmar, Ericsson**

**Online Discussion:**

* r01 was presented.
* Imed: I shared 4 questions via emails, including one on the ToS. Does ToS need a separate section?
* Thorsten: The intention is to identify what are the good ways to do traffic identifications.
* Imed: ToS in a separate section let’s think that you can filter on ToS which seems not feasible.
* Thorsten: You would like to merge 5-tuple and ToS?
* Imed: Yes.
* Frédéric: This would not be a merge, it would be a combination of both.
* Richard: I think the structure is fine. Maybe 5.3.4.1 section could explain that some technologies need to be used in combination.
* Thorsten: It sounds good.
* Imed: General section could mention all possibilities, and then in subsections we could provide some details with the most likely combinations.
* r03 was presented.
* Thorsten: New text added to general clause 5.3.4.1 explaining valid combinations.
* Thorsten: In the PFD, a 3-tuple (server IP+port+protocol) may be equally valid as a domain name.
* Imed: Two ways of setting the ToS. This call flow assumes UE sets the ToS header. You can also set a UPF rule to set the ToS for outgoing traffic.

**Decision:**

* Agreed to add a NOTE later about setting the ToS value in the UPF.

[**S4-210822**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210822.zip) is revised to [**S4-210943**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210943.zip).

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| [S4-210830](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210830.zip) | [FS\_5GMS-EXT] New transport protocols/Corrections and Improvements | Tencent | Spencer Dawkins |

**E-mail Discussion:**

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| [**(Internet mail)[8.8 FS\_5GMS\_EXT ; 830; Block B; 25May 2000 CEST] pCR to TR 26.804 on New transport protocols/Corrections and Improvements -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=67062) | sdawkins(Paul SpencerDawkins) | Mon, 24 May 2021 21:51:59 +0000 |
| [**(Internet mail)[8.8 FS\_5GMS\_EXT ; 830; Block B; 25May 2000 CEST] pCR to TR 26.804 on New transport protocols/Corrections and Improvements -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=72811) | Thorsten Lohmar | Mon, 24 May 2021 22:48:01 +0000 |
| [**(Internet mail)[8.8 FS\_5GMS\_EXT ; 830; Block B; 25May 2000 CEST] pCR to TR 26.804 on New transport protocols/Corrections and Improvements -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=70167) | Richard Bradbury | Mon, 24 May 2021 23:27:09 +0100 |
| [**(Internet mail)[8.8 FS\_5GMS\_EXT ; 830; Block B; 25May 2000 CEST] pCR to TR 26.804 on New transport protocols/Corrections and Improvements -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=101523) | sdawkins(Paul SpencerDawkins) | Tue, 25 May 2021 13:34:10 +0000 |
| [**(Internet mail)[8.8 FS\_5GMS\_EXT ; 830; Block B; 25May 2000 CEST] pCR to TR 26.804 on New transport protocols/Corrections and Improvements -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=102561) | Thorsten Lohmar | Tue, 25 May 2021 13:49:29 +0000 |
| [**(Internet mail)[8.8 FS\_5GMS\_EXT ; 830; Block B; 25May 2000 CEST] pCR to TR 26.804 on New transport protocols/Corrections and Improvements -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=104081) | sdawkins(Paul SpencerDawkins) | Tue, 25 May 2021 14:19:27 +0000 |
| [**(Internet mail)[8.8 FS\_5GMS\_EXT ; 830; Block B; 25May 2000 CEST] pCR to TR 26.804 on New transport protocols/Corrections and Improvements -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=105164) | Thomas Stockhammer | Tue, 25 May 2021 14:46:36 +0000 |
| [**(Internet mail)[8.8 FS\_5GMS\_EXT ; 830; Block B; 25May 2000 CEST] pCR to TR 26.804 on New transport protocols/Corrections and Improvements -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=109235) | sdawkins(Paul SpencerDawkins) | Tue, 25 May 2021 16:11:33 +0000 |
| [**(Internet mail)[8.8 FS\_5GMS\_EXT ; 830; Block B; 25May 2000 CEST] pCR to TR 26.804 on New transport protocols/Corrections and Improvements -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=110914) | Richard Bradbury | Tue, 25 May 2021 17:14:23 +0100 |
| [**(Internet mail)[8.8 FS\_5GMS\_EXT ; 830; Block B; 25May 2000 CEST] pCR to TR 26.804 on New transport protocols/Corrections and Improvements -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=137662) | Gabin, Frederic | Tue, 25 May 2021 19:24:00 +0000 |
| [**(Internet mail)[8.8 FS\_5GMS\_EXT ; 830; Block B; 25May 2000 CEST] pCR to TR 26.804 on New transport protocols/Corrections and Improvements -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=159010) | sdawkins(Paul SpencerDawkins) | Tue, 25 May 2021 21:56:20 +0000 |
| [**[8.8 FS\_5GMS\_EXT ; 830; Block B; 25May 2000 CEST] pCR to TR 26.804 on New transport protocols/Corrections and Improvements -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=34036) | Gabin, Frederic | Mon, 24 May 2021 16:46:51 +0000 |
| [**[8.8 FS\_5GMS\_EXT ; 830; Block B; 25May 2000 CEST] pCR to TR 26.804 on New transport protocols/Corrections and Improvements -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=43710) | Richard Bradbury | Mon, 24 May 2021 18:46:27 +0100 |

**Presenter: Spencer Dawkins, Tencent**

**Online Discussion:**

* r03 was presented.
* Thorsten: Can we have a proper reference for my comment in April?
* Thomas: This was my text. It’s from the Akamai blog (reference [2]).

**Decision:**

* r03 is agreed. Spencer to add reference [2]. 830 is revised to 912 which is agreed without presentation.

[**S4-210830**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210830.zip) is revised to [**S4-210912**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210912.zip).

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| [S4-210](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_114-e/Docs/S4-210830.zip)912 | [FS\_5GMS-EXT] New transport protocols/Corrections and Improvements | Tencent | Spencer Dawkins |

**E-mail Discussion:**

See [S4-210830](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210830.zip).

**Decision:**

* Agreed without presentation.

[**S4-210912**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210912.zip) is agreed.

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

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| [S4-210726](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210726.zip) | draft TR 26.805 v 0.1.1 | Ericsson GmbH, Eurolab | Thorsten Lohmar |

**E-mail Discussion:**

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| [**[8.9 FS\_NPN4AVProd ; 726; Block B; 26May 2000 CEST] draft TR 26.805 v0.1.1 -> for agreement as basis for further work**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=171838) | Gabin, Frederic | Wed, 26 May 2021 09:22:26 +0000 |
| [**[8.9 FS\_NPN4AVProd ; 726; Block B; 26May 2000 CEST] draft TR 26.805 v0.1.1 -> for agreement as basis for further work**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=210268) | Gabin, Frederic | Wed, 26 May 2021 19:28:13 +0000 |

**Presenter: Thorsten Lohmar, Ericsson**

**Online Discussion:**

* None.

**Decision:**

* Agreed as basis for further work.

[**S4-210726**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210726.zip) is agreed.

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| [S4-210823](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210823.zip) | Addition of different production types and addition of more information about existing workflows | Ericsson LM, BBC, EBU, Sennheiser | Bo Burman |

**E-mail Discussion:**

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| [**[8.9 FS\_NPN4AVProd ; 823; Block B; 25May 2000 CEST] pCR to TR 26.805 on Addition of different production types and addition of more information about existing workflows -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=24282) | Gabin, Frederic | Mon, 24 May 2021 16:07:55 +0000 |
| [**[8.9 FS\_NPN4AVProd ; 823; Block B; 25May 2000 CEST] pCR to TR 26.805 on Addition of different production types and addition of more information about existing workflows -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=31042) | Richard Bradbury | Mon, 24 May 2021 17:38:18 +0100 |
| [**[8.9 FS\_NPN4AVProd ; 823; Block B; 25May 2000 CEST] pCR to TR 26.805 on Addition of different production types and addition of more information about existing workflows -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=114598) | Thomas Stockhammer | Tue, 25 May 2021 16:43:51 +0000 |
| [**[8.9 FS\_NPN4AVProd ; 823; Block B; 25May 2000 CEST] pCR to TR 26.805 on Addition of different production types and addition of more information about existing workflows -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=119419) | Thorsten Lohmar | Tue, 25 May 2021 17:12:56 +0000 |
| [**[8.9 FS\_NPN4AVProd ; 823; Block B; 25May 2000 CEST] pCR to TR 26.805 on Addition of different production types and addition of more information about existing workflows -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=127019) | Richard Bradbury | Tue, 25 May 2021 19:09:16 +0100 |
| [**[8.9 FS\_NPN4AVProd ; 823; Block B; 25May 2000 CEST] pCR to TR 26.805 on Addition of different production types and addition of more information about existing workflows -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=134279) | Thomas Stockhammer | Tue, 25 May 2021 19:15:57 +0000 |
| [**[8.9 FS\_NPN4AVProd ; 823; Block B; 25May 2000 CEST] pCR to TR 26.805 on Addition of different production types and addition of more information about existing workflows -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=145220) | Gabin, Frederic | Tue, 25 May 2021 19:49:10 +0000 |
| [**[8.9 FS\_NPN4AVProd ; 823; Block B; 25May 2000 CEST] pCR to TR 26.805 on Addition of different production types and addition of more information about existing workflows -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=146169) | Gabin, Frederic | Tue, 25 May 2021 19:50:08 +0000 |
| [**[8.9 FS\_NPN4AVProd ; 823; Block B; 25May 2000 CEST] pCR to TR 26.805 on Addition of different production types and addition of more information about existing workflows -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=148054) | Gabin, Frederic | Tue, 25 May 2021 19:51:20 +0000 |

**Presenter: Thorsten Lohmar, Ericsson**

**Online Discussion:**

* r01 BBC was presented.
* Thomas: My question is what is SMPTE 2110, and Richard has added text.
* Thorsten: When do we need to add trademark acknowledgements?
* Fred: When it goes to the SA plenary for approval.
* Thomas: Core protocols are documented. Question from SA2 colleagues is how each protocol integrates into the 5G System. How much does each protocol give us, and how much does 3GPP need to do? Can they use the existing QoS framework, or are they different from what we know? Can we sort them into buckets, e.g. is it adaptive or not?
* Thorsten: Need to identify a subset. RIST is a good candidate. RIST Simple Profile probably works quite well, but RIST Main Profile may be more over-the-top because of multiplexing/tunnelling.
* Fred: Just descriptive scene-setting text so far; no evaluation yet.
* Thorsten: Yes. Evaluation later.
* Fred: Some aspects of underlying infrastructure requirements (E.g. timing, burstiness) will eventually impact evaluation.
* Thomas: We’d like to contribute, but still waiting for requirements. We need to create a clustering of protocols. Uncompressed ones are different. What are QoS requirements, what is time-sensitivity.
* Fred: Need to get input from this vertical industry to understand which protocols are most relevant.
* Richard: An alternative view from industry is that the network is just a bit pipe. Just give me the QoS I request.
* Thomas: The idea of the study is to be able to use NPN for these use cases. Pre-conditions need to be checked.
* Thorsten: We need to check what is done today and what protocols could be used on 5G in the best way.
* Fred: We have to evaluate all the possibilities: e.g. (i) use the protocols as they are and accommodate the NPN to them; (ii) adapt/improve the protocols so they perform better on the NPN.
* Thorsten: I can convert comments to Editor’s notes.

**Decision:**

* r01 BBC agreed as a basis for future work. Revised to 913 which is agreed without presentation.

[**S4-210823**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210823.zip) is revised to [**S4-210913**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210913.zip).

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| [S4-210](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_114-e/Docs/S4-210823.zip)913 | Addition of different production types and addition of more information about existing workflows | Ericsson LM, BBC, EBU, Sennheiser | Bo Burman |

**E-mail Discussion:**

See [S4-210823](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210823.zip).

**Decision:**

* Agreed without presentation.

[**S4-210913**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210913.zip) is agreed.

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| [S4-210](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_114-e/Docs/S4-210715.zip)914 | Updated time and work plan FS\_NPN4AVProd | Ericsson LM | Thorsten Lohmar |

**E-mail Discussion:**

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| [**[FS\_NPN4AVProd ]: Updated timeplane (914)**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=170702) | Thorsten Lohmar | Wed, 26 May 2021 08:53:52 +0000 |

**Presenter: Thorsten Lohmar, Ericsson**

**Online Discussion:**

* Thorsten: Submission deadline is now twelve hours later at Thomas’ request. Same objective for all conference calls.
* Fred: Dates for SA4#116 will be decided tomorrow.
* Charles: General purpose calls for all MBS agenda items?
* Fred: Yes. Including anything approved at SA Plenary in June.
* Thomas: New work items will not have a timeplan.
* Fred: As long as there is an approved work item, we can work on it.

**Decision:**

* Revised for presentation at SA4#114-e Closing Plenary.

[**S4-210914**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210914.zip) is revised to [**S4-210944**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210944.zip).

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| [S4-210](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_114-e/Docs/S4-210715.zip)944 | Updated time and work plan FS\_NPN4AVProd | Ericsson LM | Thorsten Lohmar |

**E-mail Discussion:**

See [S4-210944](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210944.zip).

**Decision:**

* To be presented to the SA4 plenary.

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| [S4-210832](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210832.zip) | FS\_NPN4AVProd: Utilizing Available Capacity in Multi-Camera Scenarios | Sony Europe B.V. | Peter Isberg |

**E-mail Discussion:**

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| [**[8.9 FS\_NPN4AVProd ; 832; Block B; 25May 2000 CEST] Text proposal for TR 26.805 on Utilizing Available Capacity in Multi-Camera Scenarios -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=25410) | Gabin, Frederic | Mon, 24 May 2021 16:08:12 +0000 |
| [**[8.9 FS\_NPN4AVProd ; 832; Block B; 25May 2000 CEST] Text proposal for TR 26.805 on Utilizing Available Capacity in Multi-Camera Scenarios -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=73714) | Thorsten Lohmar | Mon, 24 May 2021 23:07:50 +0000 |
| [**[8.9 FS\_NPN4AVProd ; 832; Block B; 25May 2000 CEST] Text proposal for TR 26.805 on Utilizing Available Capacity in Multi-Camera Scenarios -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=90287) | Peter Isberg | Tue, 25 May 2021 10:11:23 +0000 |
| [**[8.9 FS\_NPN4AVProd ; 832; Block B; 25May 2000 CEST] Text proposal for TR 26.805 on Utilizing Available Capacity in Multi-Camera Scenarios -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=100543) | Gabin, Frederic | Tue, 25 May 2021 13:28:15 +0000 |
| [**[8.9 FS\_NPN4AVProd ; 832; Block B; 25May 2000 CEST] Text proposal for TR 26.805 on Utilizing Available Capacity in Multi-Camera Scenarios -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=123365) | Thomas Stockhammer | Tue, 25 May 2021 17:33:08 +0000 |
| [**[8.9 FS\_NPN4AVProd ; 832; Block B; 25May 2000 CEST] Text proposal for TR 26.805 on Utilizing Available Capacity in Multi-Camera Scenarios -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=125010) | Peter Isberg | Tue, 25 May 2021 17:58:25 +0000 |
| [**[8.9 FS\_NPN4AVProd ; 832; Block B; 25May 2000 CEST] Text proposal for TR 26.805 on Utilizing Available Capacity in Multi-Camera Scenarios -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=131062) | Richard Bradbury | Tue, 25 May 2021 19:38:52 +0100 |
| [**[8.9 FS\_NPN4AVProd ; 832; Block B; 25May 2000 CEST] Text proposal for TR 26.805 on Utilizing Available Capacity in Multi-Camera Scenarios -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=146998) | Peter Isberg | Tue, 25 May 2021 19:50:14 +0000 |
| [**[8.9 FS\_NPN4AVProd ; 832; Block B; 25May 2000 CEST] Text proposal for TR 26.805 on Utilizing Available Capacity in Multi-Camera Scenarios -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=151108) | Peter Isberg | Tue, 25 May 2021 19:57:02 +0000 |
| [**[8.9 FS\_NPN4AVProd ; 832; Block B; 25May 2000 CEST] Text proposal for TR 26.805 on Utilizing Available Capacity in Multi-Camera Scenarios -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=152957) | Peter Isberg | Tue, 25 May 2021 20:21:30 +0000 |
| [**[8.9 FS\_NPN4AVProd ; 832; Block B; 26May 2000 CEST] Text proposal for TR 26.805 on Utilizing Available Capacity in Multi-Camera Scenarios -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=158184) | Gabin, Frederic | Tue, 25 May 2021 21:54:10 +0000 |
| [**[8.9 FS\_NPN4AVProd ; 832; Block B; 26May 2000 CEST] Text proposal for TR 26.805 on Utilizing Available Capacity in Multi-Camera Scenarios -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=161309) | Peter Isberg | Tue, 25 May 2021 22:13:43 +0000 |
| [**[8.9 FS\_NPN4AVProd ; 832; Block B; 26May 2000 CEST] Text proposal for TR 26.805 on Utilizing Available Capacity in Multi-Camera Scenarios -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=164019) | Richard Bradbury | Wed, 26 May 2021 00:03:46 +0100 |
| [**[8.9 FS\_NPN4AVProd ; 832; Block B; 26May 2000 CEST] Text proposal for TR 26.805 on Utilizing Available Capacity in Multi-Camera Scenarios -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=211943) | Gabin, Frederic | Wed, 26 May 2021 19:31:56 +0000 |
| [**[8.9 FS\_NPN4AVProd ; 832; Block B; 26May 2000 CEST] Text proposal for TR 26.805 on Utilizing Available Capacity in Multi-Camera Scenarios -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=223135) | Peter Isberg | Wed, 26 May 2021 20:08:42 +0000 |

**Presenter: Peter Isberg, Sony**

**Online Discussion:**

* r01 BBC was presented.
* Thomas: Consulting SA2 colleagues. We were expecting to get an understanding of the basic protocols at this meeting. And what is the QoS expectation of each protocol? Not expecting to define the protocols here. If they are not bit rate adaptive, we are going into a dangerous direction and different from what we have in hand. I understand the problem statement. It is good and interesting. But there is a missing step between that and the jump to potential solutions.
* Peter: Understands concern. Not worried that there are no protocols that do rate adaptation, especially thinking about the future.
* Thorsten: Suggest keeping this candidate solution, but add a pre-requisite for bit rate adaptation. This then becomes an evaluation criterion for candidate protocols. If a protocol isn’t bit rate adaptive, then Network Assistance doesn’t work. For example, there are proposals to make RTP bit rate adaptive in RIST.
* Thomas: For Network Assistance, do we mean the same as we have defined for 5GMS?
* Thorsten: Reading it generically. Could be HTTP-based on MuxE-based assistance. Not thinking about concrete solutions.
* Thomas: We have no idea about the framework yet. If the rapporteur believes this is alright, then fine.
* Thorsten: Maybe extend a bit. Maybe it’s premature to jump to conclusions. Maybe find some way to document the problem.
* Frederic: First part (problem statement) is agreeable.
* Thomas: Miss one intermediate step which maps this to a workflow. Lacking an architecture that helps discuss with SA2.
* Thorsten: Agree solution is a bit too specific.
* Peter: Not meant to be the only normative direction. Can list potential solutions. Understand if you want to take it step by step. We can work on architecture.

**Decision:**

* Revised via emails.

[**S4-210832**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210832.zip) is revised to [**S4-210919**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210919.zip).

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| [S4-210](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_114-e/Docs/S4-210832.zip)919 | FS\_NPN4AVProd: Utilizing Available Capacity in Multi-Camera Scenarios | Sony Europe B.V. | Peter Isberg |

**E-mail Discussion:**

See [S4-210832](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210832.zip).

**Presenter: Peter Isberg, Sony**

**Online Discussion:**

* None.

**Decision:**

* Agreed. To be incorporated into the TR by the editor.

[**S4-210919**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210919.zip) is agreed.

## 8.10 New Work / New Work Items and Study Items

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| [S4-210715](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210715.zip) | Draft New WID on 5GMS AF Event Exposure | Qualcomm Incorporated, AT&T, Ericsson LM, Enensys, BBC, Huawei | Charles Lo |

**E-mail Discussion:**

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| [**[8.10 New Work ; 715; Block B; 25May 2000 CEST] New WID on 5GMS AF Event Exposure -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=20691) | Gabin, Frederic | Mon, 24 May 2021 15:43:10 +0000 |
| [**[8.10 New Work ; 715; Block B; 25May 2000 CEST] New WID on 5GMS AF Event Exposure -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=44012) | Iraj Sodagar | Mon, 24 May 2021 17:48:19 +0000 |
| [**[8.10 New Work ; 715; Block B; 25May 2000 CEST] New WID on 5GMS AF Event Exposure -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=64265) | Charles Lo | Mon, 24 May 2021 21:46:17 +0000 |
| [**[8.10 New Work ; 715; Block B; 25May 2000 CEST] New WID on 5GMS AF Event Exposure -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=88647) | panqi (E) | Tue, 25 May 2021 07:52:19 +0000 |
| [**[8.10 New Work ; 715; Block B; 25May 2000 CEST] New WID on 5GMS AF Event Exposure -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=111234) | Charles Lo | Tue, 25 May 2021 16:20:24 +0000 |
| [**[8.10 New Work ; 715; Block B; 25May 2000 CEST] New WID on 5GMS AF Event Exposure -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=112902) | panqi (E) | Tue, 25 May 2021 16:30:55 +0000 |
| [**[8.10 New Work ; 715; Block B; 25May 2000 CEST] New WID on 5GMS AF Event Exposure -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=113783) | Gunnar Heikkilä | Tue, 25 May 2021 16:40:04 +0000 |
| [**[8.10 New Work ; 715; Block B; 25May 2000 CEST] New WID on 5GMS AF Event Exposure -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=117642) | Charles Lo | Tue, 25 May 2021 17:02:36 +0000 |
| [**[8.10 New Work ; 715; Block B; 25May 2000 CEST] New WID on 5GMS AF Event Exposure -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=118537) | Charles Lo | Tue, 25 May 2021 17:07:06 +0000 |
| [**[8.10 New Work ; 715; Block B; 25May 2000 CEST] New WID on 5GMS AF Event Exposure -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=120162) | Thorsten Lohmar | Tue, 25 May 2021 17:15:46 +0000 |
| [**[8.10 New Work ; 715; Block B; 25May 2000 CEST] New WID on 5GMS AF Event Exposure -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=122281) | Charles Lo | Tue, 25 May 2021 17:29:57 +0000 |
| [**[8.10 New Work ; 715; Block B; 25May 2000 CEST] New WID on 5GMS AF Event Exposure -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=121817) | Richard Bradbury | Tue, 25 May 2021 18:21:26 +0100 |
| [**[8.10 New Work ; 715; Block B; 25May 2000 CEST] New WID on 5GMS AF Event Exposure -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=131379) | Gunnar Heikkilä | Tue, 25 May 2021 18:47:53 +0000 |
| [**[8.10 New Work ; 715; Block B; 26May 2000 CEST] New WID on 5GMS AF Event Exposure -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=148894) | Gabin, Frederic | Tue, 25 May 2021 19:53:25 +0000 |
| [**[8.10 New Work ; 715; Block B; 26May 2000 CEST] New WID on 5GMS AF Event Exposure -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=212734) | Gabin, Frederic | Wed, 26 May 2021 19:35:42 +0000 |

**Decision:**

* Revised via emails.

[**S4-210715**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210715.zip) is revised to [**S4-210920**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210920.zip)**.**

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| [S4-210](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_114-e/Docs/S4-210715.zip)920 | Draft New WID on 5GMS AF Event Exposure | Qualcomm Incorporated, AT&T, Ericsson LM, Enensys, BBC, Huawei | Charles Lo |

**E-mail Discussion:**

See [S4-210715](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210715.zip).

**Decision:**

* To be presented to the SA4 plenary.

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| [S4-210780](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210780.zip) | New Work Item on 5G MBS-based service and delivery method | TELUS | PENG TAN |

**E-mail Discussion:**

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| [**[8.10 New Work ; 780; Block B; 25May 2000 CEST] New WID on 5G Multicast-Broadcast Service Protocol and Codec -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=22451) | Gabin, Frederic | Mon, 24 May 2021 15:43:22 +0000 |
| [**[8.10 New Work ; 780; Block B; 25May 2000 CEST] New WID on 5G Multicast-Broadcast Service Protocol and Codec -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=36423) | Richard Bradbury | Mon, 24 May 2021 17:56:08 +0100 |
| [**[8.10 New Work ; 780; Block B; 25May 2000 CEST] New WID on 5G Multicast-Broadcast Service Protocol and Codec -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=66125) | Thomas Stockhammer | Mon, 24 May 2021 21:52:08 +0000 |
| [**[8.10 New Work ; 780; Block B; 26May 2000 CEST] New WID on 5G Multicast-Broadcast Service Protocol and Codec -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=150330) | Gabin, Frederic | Tue, 25 May 2021 19:56:05 +0000 |
| [**[8.10 New Work ; 780; Block B; 26May 2000 CEST] New WID on 5G Multicast-Broadcast Service Protocol and Codec -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=213411) | Gabin, Frederic | Wed, 26 May 2021 19:37:43 +0000 |

**Decision:**

* Via emails: 780 will be further discussed during an offline telco on Thursday 27th May. So it won’t be treated during MBS SWG.
* To be presented to the SA4 plenary.

|  |  |  |  |
| --- | --- | --- | --- |
| [S4-210812](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210812.zip) | WID on Extensions to Support Media processing in the Edge | Qualcomm Wireless GmbH | Imed Bouazizi |

**E-mail Discussion:**

|  |  |  |
| --- | --- | --- |
| [**[8.10 New Work ; 812; Block B; 25May 2000 CEST] New WID on Extensions for the Support of Media processing in the Edge -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=21387) | Gabin, Frederic | Mon, 24 May 2021 15:43:16 +0000 |
| [**[8.10 New Work ; 812; Block B; 25May 2000 CEST] New WID on Extensions for the Support of Media processing in the Edge -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=44757) | Iraj Sodagar | Mon, 24 May 2021 17:51:20 +0000 |
| [**[8.10 New Work ; 812; Block B; 25May 2000 CEST] New WID on Extensions for the Support of Media processing in the Edge -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=39328) | Richard Bradbury | Mon, 24 May 2021 18:02:53 +0100 |
| [**[8.10 New Work ; 812; Block B; 25May 2000 CEST] New WID on Extensions for the Support of Media processing in the Edge -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=39625) | Richard Bradbury | Mon, 24 May 2021 18:05:02 +0100 |
| [**[8.10 New Work ; 812; Block B; 25May 2000 CEST] New WID on Extensions for the Support of Media processing in the Edge -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=47166) | Prakash Kolan | Mon, 24 May 2021 18:29:04 +0000 |
| [**[8.10 New Work ; 812; Block B; 25May 2000 CEST] New WID on Extensions for the Support of Media processing in the Edge -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=48931) | Prakash Kolan | Mon, 24 May 2021 18:47:39 +0000 |
| [**[8.10 New Work ; 812; Block B; 25May 2000 CEST] New WID on Extensions for the Support of Media processing in the Edge -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=52993) | Thorsten Lohmar | Mon, 24 May 2021 19:26:56 +0000 |
| [**[8.10 New Work ; 812; Block B; 25May 2000 CEST] New WID on Extensions for the Support of Media processing in the Edge -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=65096) | Prakash Kolan | Mon, 24 May 2021 21:49:20 +0000 |
| [**[8.10 New Work ; 812; Block B; 25May 2000 CEST] New WID on Extensions for the Support of Media processing in the Edge -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=70488) | Emmanuel Thomas | Mon, 24 May 2021 22:32:30 +0000 |
| [**[8.10 New Work ; 812; Block B; 25May 2000 CEST] New WID on Extensions for the Support of Media processing in the Edge -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=72035) | XinWang MediaTek | Mon, 24 May 2021 22:40:09 +0000 |
| [**[8.10 New Work ; 812; Block B; 25May 2000 CEST] New WID on Extensions for the Support of Media processing in the Edge -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=86063) | Imed Bouazizi | Tue, 25 May 2021 05:30:52 +0000 |
| [**[8.10 New Work ; 812; Block B; 25May 2000 CEST] New WID on Extensions for the Support of Media processing in the Edge -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=86943) | Imed Bouazizi | Tue, 25 May 2021 05:32:01 +0000 |
| [**[8.10 New Work ; 812; Block B; 25May 2000 CEST] New WID on Extensions for the Support of Media processing in the Edge -> for agreement**](https://list.etsi.org/scripts/wa.exe?A2=ind2105D&L=3GPP_TSG_SA_WG4_MBS&O=D&P=149617) | Gabin, Frederic | Tue, 25 May 2021 19:54:48 +0000 |

**Decision:**

* Revised via email.

[**S4-210812**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210812.zip) is revised to [**S4-210908**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_114-e/Docs/S4-210908.zip).

|  |  |  |  |
| --- | --- | --- | --- |
| [S4-210](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_114-e/Docs/S4-210812.zip)908 | WID on Extensions to Support Media processing in the Edge | Qualcomm Wireless GmbH | Imed Bouazizi |

**Decision:**

* To be presented to the SA4 plenary.

## 8.11 Others including TEI

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

## 8.13 Any Other Business

## 8.14 Close of the session

The chairman thanked the delegates and closed the meeting at 2303 CEST on 26th April 2021.

## Annex A: Attendees

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **TITLE** | **Family Name** | **Given Name** | **Employer Organization** | **Attended** |
| Mr. | Aracena | Mauricio | Ericsson LM | Y |
| Mr. | Biatek | Thibaud | ATEME | Y |
| Dr. | Bouazizi | Imed | Qualcomm Incorporated | Y |
| Dr. | Bradbury | Richard | BBC | Y |
| Mr. | Burdinat | Christophe | ATEME | Y |
| Mr. | Champel | Mary-Luc | Beijing Xiaomi Mobile Software | Y |
| Dr. | Chen | Lulin | MediaTek Inc. | Y |
| Mr. | Dawkins | Spencer | Tencent | Y |
| Mr. | Doehla | Stefan | Fraunhofer IIS | Y |
| Dr. | Ehara | Hiroyuki | Panasonic Corporation | Y |
| Dr. | FOURDEUX | Henri | InterDigital France R&D, SAS | Y |
| Mr. | Gabin | Frederic | Dolby Laboratories Inc. | Y |
| Mr. | Gudumasu | Srinivas | InterDigital Communications | Y |
| Mr. | Gunkel | Simon | TNO | Y |
| Dr. | Hamza | Ahmed | InterDigital Communications | Y |
| Mr. | Heikkilä | Gunnar | Ericsson LM | Y |
| Mr. | Howells | Elfed | Huawei | Y |
| Dr. | Hu | James | AT&T GNS Belgium SPRL | Y |
| Mr. | Isberg | Peter | Sony Europe B.V. | Y |
| Dr. | Joshi | Rajan | Samsung Research America | Y |
| Dr. | Jung | Kyunghun | Facebook | Y |
| Dr. | Kolan | Prakash | Samsung Research America | Y |
| Mr. | Kwon | WooSuk | LG Electronics Inc. | Y |
| Dr. | Lee | Brian | Dolby Laboratories Inc. | Y |
| Dr. | Lee | Hakju Ryan | Samsung R&D Institute UK | Y |
| Mr. | Lemotheux | Julien | Orange | Y |
| Mr. | Leung | Nikolai | Qualcomm CDMA Technologies | Y |
| Mrs. | Liu | Yan | HUAWEI TECHNOLOGIES Co. Ltd. | Y |
| Mr. | Lo | Charles | Qualcomm CDMA Technologies | Y |
| Dr. | Lohmar | Thorsten | Ericsson LM | Y |
| Mr. | Morita | Naotaka | NTT | Y |
| Mr. | Noblet | Ludovic | B-Com | Y |
| Dr. | Pan | Qi | HUAWEI Technologies Japan K.K. | Y |
| Mr. | Rämö | Anssi | Nokia | Y |
| Mr. | Rhyu | Sungryeul | Samsung Electronics Co., Ltd | Y |
| Mr. | Rusanovskyy | Dmytro | Qualcomm | Y |
| Ms. | Saha | Jayeeta | TSDSI | Y |
| Mr. | Sanchez | Yago | Fraunhofer HHI | Y |
| Ms. | Shan Wey | Jun | Verizon | Y |
| Dr. | Sodagar | Iraj | Tencent | Y |
| Dr. | Song | Jaeyeon | Samsung Electronics Co., Ltd | Y |
| Dr. | Stockhammer | Thomas | Qualcomm CDMA Technologies | Y |
| Mr. | Szucs | Paul | Sony Corporation | Y |
| Dr. | TAN | PENG | TELUS | Y |
| Mr. | Teniou | Gilles | Tencent | Y |
| Dr. | Thienot | Cedric | Enensys | Y |
| Mr. | Thomas | Emmanuel | Beijing Xiaomi Mobile Software | Y |
| Dr. | Wang | Xin | MediaTek Inc. | Y |
| Mr. | Wong | Samuel | Intel | Y |
| Mr. | Xie | Minjie | OPPO | Y |
| Dr. | Yang | Hyun-Koo | Samsung Electronics Co., Ltd | Y |
| Mr. | Yip | Eric | Samsung Electronics Co., Ltd | Y |

# Annex B: Final agenda

|  |  |  |  |
| --- | --- | --- | --- |
| A.I. # | A.I. Title | Block | Tdoc #s |
| 8 | Multicast-Broadcast-Streaming (MBS) SWG | - |  |
| 8.1 | Opening of the session | A | Scribes: Julien, Thomas, Richard, Prakash |
| 8.2 | Registration of documents | A |  |
| 8.3 | Reports/Liaisons from other groups/meetings | A | 717n (CT3/ Traffic detection) -> MBS SWG -> noted719n (SA2/ Traffic detection) -> MBS SWG -> noted |
| 8.4 | Issues for immediate consideration | A |  |
| 8.5 | CRs to features in Release 16 and earlier | A | 26.512: 724->895->903a, 820->896->904a, 759->897a26.501: 742->898a |
| 8.6 | FS\_5GMS\_Multicast (Feasibility Study on Multicast Architecture Enhancements for 5GMSA) | A | 26.802: 729a, 924 (plenary)KI#1: 722->901aNmb2: 821->905aGeneral: 802nMBMS SL re-use: 803->906aHybrid: 804->922aInterworking: 805->907aConclusions: 779->923 (plenary)TP: 778->916 (plenary) |
| 8.7 | FS\_EMSA (Feasibility Study on Streaming Architecture extensions For Edge processing) | A | 26.803: 828a, 915->921 (plenary)Use cases: 721->899a, 814n, 768->909aEdge: 772->900aEAS relocation: 773a, 774->910a, 813->902a, 826n, 827a |
| 8.8 | FS\_5GMS\_EXT (Study on 5G media streaming extensions) | B | 26.804: 725a, 942 (plenary)Data collection: 723a, 760->951->964aTraffic identification: 822->943a, 771aContent aware str.: 770nTransport: 830->912aLive: 809->911aContent prep: 764n, 765->940 (plenary)Uplink streaming: 775a, 766->917a, 767->918aTP: 769 (plenary)761n, 806n, 807n, 808n, ~~835~~, ~~837~~, ~~728~~ |
| 8.9 | FS\_NPN4AVProd (Feasibility Study on Media Production over 5G NPN) | B | 26.805: 726a, XXX (plenary)Multi-camera: 832->919aProduction types & workflows: 823->913aTP: 914->944 (plenary) |
| 8.10 | New Work / New Work Items and Study Items | B | 715->920 (plenary), 812->908 (plenary), 780 (plenary)~~847~~ |
| 8.11 | Others including TEI | B |  |
| 8.12 | Review of the future work plan (next meeting dates, hosts) | B | MBS SWG AH TelcosJune 10, 2021 16:00 – 18:00 CESTJune 24, 2021 16:00 – 18:00 CESTJuly 8, 2021 16:00 – 18:00 CESTJuly 22, 2021 16:00 – 18:00 CESTAugust 5, 2021 16:00 – 18:00 CEST |
| 8.13 | Any Other Business | B |  |
| 8.14 | Close of the session | B |  |
| 12 | LSs received during the meeting and Postponed Liaisons (from A. I. 6) | Plenary |  |
| 13 | Reports and general issues from sub-working-groups | Plenary |  |
| 13.1 | EVS SWG | Plenary |  |
| 13.2 | MBS SWG | Plenary | 705 (placeholder) |
| 13.3 | MTSI SWG | Plenary |  |
| 13.4 | SQ SWG | Plenary |  |
| 13.5 | Video SWG | Plenary |  |
| 14 | CRs to features in Release 16 and earlier | Plenary | 26.512: 903, 904, 89726.501: 898 |
| 15 | Release 17 Features | - |  |
| 15.1 | IVAS\_Codec (EVS Codec Extension for Immersive Voice and Audio Services) | Plenary |  |
| 14.2 | ITT4RT (Support of Immersive Teleconferencing and Telepresence for Remote Terminals) | Plenary |  |
| 15.3 | HaNTE (Handsets Featuring Non-Traditional Earpieces) | Plenary |  |
| 15.4 | HInT (Extension for headset interface tests of UE) | Plenary |  |
| 15.5 | 8K\_VR\_5G (Operation Points for 8K VR 360 Video over 5G) | Plenary |  |
| 15.6 | TEI17 and any other Rel-17 documents | Plenary |  |
| 16 | Release 18 Features | - |  |
| 16.1 | ATIAS (Terminal Audio quality performance and Test methods for Immersive Audio Services) | Plenary |  |
| 17 | Study Items | - |  |
| 17.1 | FS\_5GMS\_Multicast (Feasibility Study on Multicast Architecture Enhancements for 5GMSA) | Plenary | Conclusions: 923TR: 924TP: 916 |
| 17.2 | FS\_XRTraffic (Feasibility Study on Typical Traffic Characteristics for XR Services and other Media) | Plenary |  |
| 17.3 | FS\_EMSA (Feasibility Study on Streaming Architecture extensions For Edge processing) | Plenary | TR: 921100% complete ! |
| 17.4 | FS\_VR\_CoGui (Feasibility Study on VR Streaming Conformance and Guidelines) | Plenary |  |
| 17.5 | FS\_5GVideo (Feasibility Study on 5G Video Codec Characteristics) | Plenary |  |
| 17.6 | FS\_FLUS\_NBMP (Feasibility Study on the use of NBMP in E\_FLUS) | Plenary |  |
| 17.7 | FS\_5GSTAR (Feasibility Study on 5G Glass-type AR/MR Devices) | Plenary |  |
| 17.8 | FS\_5GMS\_EXT (Study on 5G media streaming extensions) | Plenary | pCR: 940TR: 942TP: 769 |
| 17.9 | FS\_NPN4AVProd (Feasibility Study on Media Production over 5G NPN) | Plenary | TR: XXXTP: 944 |
| 18 | Work Items and Study Items under the responsibility of other TSGs/WGs impacting SA4 work | Plenary |  |
| 19 | New Work / New Work Items and Study Items | Plenary | 920 (EVEX)908 (5GMS\_EDGE)780 (5G Multicast-Broadcast Service Protocol and Codec) |
| 20 | Postponed issues | Plenary |  |
| 21 | Review of the future work plan (next meeting dates, hosts) | Plenary |  |
| 22 | Any Other Business | Plenary |  |
| 23 | Close of meeting: Friday May 28th, at 01:00 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** |
| [**S4-210723**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_114-e/Docs/S4-210723.zip) | Discussion on generic architecture for data collection and reporting | BBC, Dolby Laboratories Inc., LM Ericsson, Qualcomm | Agreement | 8.8 | **agreed** | **-** | - |
| S4-210725 | draft TR 26.804 v0.2.1 | Ericsson GmbH, Eurolab | Agreement | 8.8 | **agreed** | **-** | - |
| S4-210726 | draft TR 26.805 v 0.1.1 | Ericsson GmbH, Eurolab | Agreement | 8.9 | **agreed** | **-** | - |
| [**S4-210729**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_114-e/Docs/S4-210729.zip) | Draft TR 26.802 v1.2.8 | TELUS | Agreement | 8.6 | **agreed** |  |  |
| [**S4-210771**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_114-e/Docs/S4-210771.zip) | Update on relevant architecture components for traffic identificaiton | Huawei Technologies Co.,Ltd. | Agreement | 8.8 | **agreed** | **-** | - |
| [**S4-210773**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_114-e/Docs/S4-210773.zip) | Discussion on 5GMS context transfer among multiple 5GMS AF instances | Huawei Technologies Co.,Ltd. | Agreement | 8.7 | **agreed** | **-** | - |
| [**S4-210775**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_114-e/Docs/S4-210775.zip) | Updated text on uplink streaming | Qualcomm Incorporated | Agreement | 8.8 | **agreed** | **-** | - |
| [**S4-210827**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_114-e/Docs/S4-210827.zip) | EAS Relocation Gap in EMSA architecture | Samsung Electronics Polska, Tencent | Agreement | 8.7 | **agreed** | **-** | - |
| [**S4-210828**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_114-e/Docs/S4-210828.zip) | Updated TR 26.803 | Qualcomm Wireless GmbH |  | 8.7 | **agreed** | **-** | - |
| S4-210899 | Analysis of EMSA Use Cases | BBC | Agreement | 8.7 | **agreed** | **-** | - |
| S4-210900 | [FS\_EMSA] Updated text for SA2 Edge Support | Huawei Technologies Co.,Ltd. | Agreement | 8.7 | **agreed** | **-** | - |
| S4-210901 | Conclusions and next steps for Key Issue #1 | BBC | Agreement | 8.6 | **agreed** | **-** | - |
| S4-210902 | Considerations on Media Application Relocation | Qualcomm Wireless GmbH |  | 8.7 | **agreed** | **-** | - |
| S4-210905 | Handling of InBand Fragments on Nmb2 (former Nx2) | Ericsson LM | Agreement | 8.6 | **agreed** | **-** | - |
| S4-210906 | [FS\_5GMS\_Multicast] Key issue on re-use of MBMS service layer | Qualcomm Incorporated | Agreement | 8.6 | **agreed** | **-** | - |
| S4-210907 | [FS\_5GMS\_Multicast] Interworking | Qualcomm Incorporated | Agreement | 8.6 | **agreed** | **-** | - |
| S4-210909 | [FS\_EMSA]: User-generated live streaming walkthrough | Tencent | Agreement | 8.7 | **agreed** | **-** | - |
| S4-210910 | General Call flow for EAS relocation based on the EMSA architecture | Huawei Technologies Co.,Ltd. | Agreement | 8.7 | **agreed** | **-** | - |
| S4-210911 | [FS\_5GMS-EXT] Key Topic Scalable distribution of unicast Live Services | Qualcomm Incorporated, BBC | Agreement | 8.8 | **agreed** | **-** | - |
| S4-210912 | [FS\_5GMS-EXT] New transport protocols/Corrections and Improvements | Tencent | Approval | 8.8 | **agreed** | **-** | - |
| S4-210913 | Addition of different production types and addition of more information about existing workflows | Ericsson LM, BBC, EBU, Sennheiser | Agreement | 8.9 | **agreed** | **-** | - |
| S4-210917 | [FS\_5GMS\_EXT]: Uplink streaming: Other collaboration scenarios call flows | Tencent | Agreement | 8.8 | **agreed** | **-** | - |
| S4-210918 | [FS\_5GMS\_EXT]: Uplink streaming: additional potential open issues | Tencent | Agreement | 8.8 | **agreed** | **-** | - |
| S4-210919 | FS\_NPN4AVProd: Utilizing Available Capacity in Multi-Camera Scenarios | Sony Europe B.V. |  | 17.9 | **agreed** | **-** | - |
| S4-210922 | [FS\_5GMS\_Multicast] Hybrid Services | Qualcomm Incorporated | Agreement | 8.6 | **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** |
| S4-210897 | CR to TS 26.512-0010 ClientId for Consumption and Metrics Reporting (Rel-16) | Qualcomm Incorporated, BBC, Ericsson LM | Agreement | 8.5 | **agreed** | **-** | 14 |
| S4-210898 | CR to TS 26.512-0028 on Corrections (Rel-16) | Qualcomm Incorporated | Agreement | 8.5 | **agreed** | **-** | 14 |
| S4-210903 | CR to TS 26.512-0011 rev1 on Corrections to 5GMS stage 3 specification (Rel-16) | BBC, Qualcomm Incorporated | Agreement | 8.5 | **agreed** | **-** | 14 |
| S4-210904 | CR to TS 26.512-0012 rev1 Correction on Dynamic Policy parameters | Ericsson LM | Agreement | 8.5 | **agreed** | **-** | 14 |

## 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** |
| [**S4-210715**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_114-e/Docs/S4-210715.zip) | Draft New WID on 5GMS AF Event Exposure | Qualcomm Incorporated, AT&T, Ericsson LM, Enensys, BBC, Huawei | Approval | 8.10 | **revised** | S4-210920 | - |
| [**S4-210721**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_114-e/Docs/S4-210721.zip) | Analysis of EMSA Use Cases | BBC | Agreement | 8.7 | **revised** | S4-210899 | - |
| [**S4-210722**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_114-e/Docs/S4-210722.zip) | Conclusions and next steps for Key Issue #1 | BBC | Agreement | 8.6 | **revised** | S4-210901 | - |
| [**S4-210724**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_114-e/Docs/S4-210724.zip) | Corrections to 5GMS stage 3 specification | BBC | Agreement | 8.5 | **revised** | S4-210895 | - |
| S4-210728 | FS\_5GMS\_EXT: Updated gap analysis for content preparation | Tencent | Agreement | 8.8 | withdrawn |  |  |
| [**S4-210742**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_114-e/Docs/S4-210742.zip) | Corrections and Additions to TS 26.501 | Qualcomm Incorporated | Agreement | 8.5 | **revised** | S4-210898 | - |
| [**S4-210759**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_114-e/Docs/S4-210759.zip) | ClientId for Consumption and Metrics Reporting, and Dynamic Policy and Network Assistance Access | Qualcomm Incorporated, BBC, Ericsson LM | Agreement | 8.5 | **revised** | S4-210897 | - |
| [**S4-210760**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_114-e/Docs/S4-210760.zip) | Interfaces and Formats for AF Data Collection and Event Exposure | Qualcomm Incorporated | Agreement | 8.8 | **revised** | S4-210951 | - |
| S4-210761 | Use Cases for Uplink Streaming Metrics Reporting | Qualcomm Incorporated | Agreement | 8.8 | **noted** | **-** | - |
| [**S4-210764**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_114-e/Docs/S4-210764.zip) | [FS\_5GMS\_EXT]: Content preparation: Address translation gap | Tencent | Agreement | 8.8 | **noted** | **-** | - |
| [**S4-210765**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_114-e/Docs/S4-210765.zip) | [FS\_5GMS\_EXT]: Content preparation: CMAF template | Tencent | Agreement | 8.8 | **revised** | S4-210940 | - |
| [**S4-210766**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_114-e/Docs/S4-210766.zip) | [FS\_5GMS\_EXT]: Uplink streaming: Other collaboration scenarios call flows | Tencent | Agreement | 8.8 | **revised** | S4-210917 | - |
| [**S4-210767**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_114-e/Docs/S4-210767.zip) | [FS\_5GMS\_EXT]: Uplink streaming: additional potential open issues | Tencent | Agreement | 8.8 | **revised** | S4-210918 | - |
| [**S4-210768**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_114-e/Docs/S4-210768.zip) | [FS\_EMSA]: User-generated live streaming walkthrough | Tencent | Agreement | 8.7 | **revised** | S4-210909 | - |
| [**S4-210770**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_114-e/Docs/S4-210770.zip) | Update on the content aware streaming | Huawei Technologies Co.,Ltd. | Agreement | 8.8 | **noted** | **-** | - |
| [**S4-210772**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_114-e/Docs/S4-210772.zip) | [FS\_EMSA] Updated text for SA2 Edge Support | Huawei Technologies Co.,Ltd. | Agreement | 8.7 | **revised** | S4-210900 | - |
| [**S4-210774**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_114-e/Docs/S4-210774.zip) | General Call flow for EAS relocation based on the EMSA architecture | Huawei Technologies Co.,Ltd. | Agreement | 8.7 | **revised** | S4-210910 | - |
| [**S4-210778**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_114-e/Docs/S4-210778.zip) | [FS\_5GMS\_Multicast] Updated time and work plan | TELUS |  | 8.6 | **revised** | S4-210916 | - |
| [**S4-210779**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_114-e/Docs/S4-210779.zip) | [FS\_5GMS\_Multicast] pCR to TR 26.802 on conclusions | TELUS |  | 8.6 | **revised** | S4-210923 | - |
| [**S4-210802**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_114-e/Docs/S4-210802.zip) | [FS\_5GMS\_Multicast] General Updates | Qualcomm Incorporated | Agreement | 8.6 | **noted** | **-** | - |
| [**S4-210803**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_114-e/Docs/S4-210803.zip) | [FS\_5GMS\_Multicast] Key issue on re-use of MBMS service layer | Qualcomm Incorporated | Agreement | 8.6 | **revised** | S4-210906 | - |
| [**S4-210804**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_114-e/Docs/S4-210804.zip) | [FS\_5GMS\_Multicast] Hybrid Services | Qualcomm Incorporated | Agreement | 8.6 | **revised** | S4-210922 | - |
| [**S4-210805**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_114-e/Docs/S4-210805.zip) | [FS\_5GMS\_Multicast] Interworking | Qualcomm Incorporated | Agreement | 8.6 | **revised** | S4-210907 | - |
| S4-210806 | [FS\_5GMS-EXT] Key Topic Additional / New transport protocols | Qualcomm Incorporated | Agreement | 8.8 | **noted** | **-** | - |
| S4-210807 | [FS\_5GMS-EXT] Key Topic Content Aware Streaming | Qualcomm Incorporated | Agreement | 8.8 | **noted** | **-** | - |
| S4-210808 | [FS\_5GMS-EXT] Key Topic Support for encrypted and high-value content | Qualcomm Incorporated | Agreement | 8.8 | **noted** | **-** | - |
| [**S4-210809**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_114-e/Docs/S4-210809.zip) | [FS\_5GMS-EXT] Key Topic Scalable distribution of unicast Live Services | Qualcomm Incorporated | Agreement | 8.8 | **revised** | S4-210911 |  |
| [**S4-210812**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_114-e/Docs/S4-210812.zip) | WID on Extensions to Support Media processing in the Edge | Qualcomm Wireless GmbH |  | 8.10 | **revised** | S4-210908 | - |
| [**S4-210813**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_114-e/Docs/S4-210813.zip) | Considerations on Media Application Relocation | Qualcomm Wireless GmbH |  | 8.7 | **revised** | S4-210902 | - |
| [**S4-210814**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_114-e/Docs/S4-210814.zip) | Use Case Walkthrough | Qualcomm Wireless GmbH |  | 8.7 | **noted** | **-** | - |
| [**S4-210820**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_114-e/Docs/S4-210820.zip) | Correction on Dynamic Policy parameters | Ericsson LM | Agreement | 8.5 | **revised** | S4-210896 | - |
| [**S4-210821**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_114-e/Docs/S4-210821.zip) | Handling of InBand Fragments on Nmb2 (former Nx2) | Ericsson LM | Agreement | 8.6 | **revised** | S4-210905 | - |
| [**S4-210822**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_114-e/Docs/S4-210822.zip) | Clarification of Traffic Identification description and addition of identified open issues | Ericsson LM | Agreement | 8.8 | **revised** | S4-210944 | - |
| [**S4-210823**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_114-e/Docs/S4-210823.zip) | Addition of different production types and addition of more information about existing workflows | Ericsson LM, BBC, EBU, Sennheiser | Agreement | 8.9 | **revised** | S4-210913 | - |
| [**S4-210826**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_114-e/Docs/S4-210826.zip) | EAS Relocation Aspects in EMSA | Samsung Electronics Polska |  | 8.7 | **noted** | **-** | - |
| [**S4-210830**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_114-e/Docs/S4-210830.zip) | [FS\_5GMS-EXT] New transport protocols/Corrections and Improvements | Tencent | Approval | 8.8 | **revised** | S4-210912 | - |
| [**S4-210832**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_114-e/Docs/S4-210832.zip) | FS\_NPN4AVProd: Utilizing Available Capacity in Multi-Camera Scenarios | Sony Europe B.V. |  | 8.9 | **revised** | S4-210919 | - |
| S4-210835 | Proposed Solution for Background Traffic | Qualcomm Wireless GmbH |  | 8.8 | withdrawn | **-** | - |
| S4-210837 | Candidate Solution for Per-Application Authorization | Qualcomm Wireless GmbH |  | 8.8 | withdrawn | **-** | - |
| S4-210847 | Draft New WID on 5GMS AF Event Exposure | Qualcomm Incorporated, AT&T, Ericsson LM, Enensys, BBC, Huawei | Approval | 8.10 | withdrawn | **-** | - |

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| S4-210895 | CR to TS 26.512-0011 on Corrections to 5GMS stage 3 specification (Rel-16) | BBC, Qualcomm Incorporated | Agreement | 8.5 | revised | S4-210903 | - |
| S4-210896 | CR to TS 26.512-0012 Correction on Dynamic Policy parameters (Rel-16) | Ericsson LM | Agreement | 8.5 | revised | S4-210904 | - |
| S4-210914 | Updated Time and Work Plan for FS\_NPN4AVProd | Ericsson LM (Rapporteur) | Agreement | 8.9 | **revised** | S4-210944 | - |
| S4-210915 | TR 26.803 v1.3.0 | Rapporteur | Agreement | 8.7 | **revised** | S4-210921 | - |
| S4-210951 | Interfaces and Formats for AF Data Collection and Event Exposure | Qualcomm Incorporated | Agreement | 8.8 | **revised** | S4-210964 | - |

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

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| --- | --- | --- | --- | --- | --- | --- | --- |
| **TDoc** | **Title** | **Source** | **For** | **SWG Agenda item** | **TDoc Status** | **Revised to** | **Plenary Agenda item** |
| S4-210769 | [FS\_5GMS\_EXT]: Proposed workplan update | Tencent | Agreement | 8.8 | **available** | **-** | 17.8 |
| [**S4-210780**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_114-e/Docs/S4-210780.zip) | New Work Item on 5G MBS-based service and delivery method | TELUS |  | 8.10 | **available** | **-** | 19 |
| S4-210908 | WID on Extensions to Support Media processing in the Edge | Qualcomm Wireless GmbH |  | 8.10 | **available** | **-** | 19 |
| S4-210916 | [FS\_5GMS\_Multicast] Updated time and work plan | TELUS |  | 8.6 | **available** |  | 17.1 |
| S4-210920 | Draft New WID on 5GMS AF Event Exposure | Qualcomm Incorporated, AT&T, Ericsson LM, Enensys, BBC, Huawei | Approval | 8.10 | **available** | **-** | 19 |
| S4-210921 | TR 26.803 v1.4.0 | Rapporteur | Agreement | 8.7 | **reserved** | **-** | 17.3 |
| S4-210923 | [FS\_5GMS\_Multicast] pCR to TR 26.802 on conclusions | TELUS |  | 8.6 | **available** | **-** | 17.1 |
| S4-210924 | Draft TR 26.802 v1.3.0 | TELUS | Agreement | 8.6 | **reserved** | **-** | 17.1 |
| S4-210944 | Updated Time and Work Plan for FS\_NPN4AVProd | Ericsson LM (Rapporteur) | Agreement | 8.9 | **reserved** | **-** | 17.9 |
| S4-210940 | [FS\_5GMS\_EXT]: Content preparation: CMAF template | Tencent | Agreement | 8.8 | **reserved** | **-** | 17.8 |

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