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

**Title: MBS Tdoc allocation**

## Document for: Information

## Agenda Item: 8.2

**Legend for Tdocs:**

* **Color: not-yet processed**, **processed**, **late**, **~~withdrawn~~**, **moved to a different A.I.**, **under email agreement, postponed, agreed in SWG, output document.**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

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| --- | --- | --- | --- |
| 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 | 717p (CT3/ Traffic detection) -> MBS SWG719n (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: 729aKI#1: 722->901aNmb2: 821->905aGeneral: 802nMBMS SL re-use: 803->906aHybrid: 804r07 (Block B)Interworking: 805->907 (Block B)Conclusions: 779r04 BBC (Block B)TP: 778->916 (plenary) |
| 8.7 | FS\_EMSA (Feasibility Study on Streaming Architecture extensions For Edge processing) | A | 26.803: 828a, 915 (Imed)Use cases: 721->899a, 814n, 768->909a?Edge: 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?Data collection: 723a, 760->951->XXXTraffic identification: 822, 771aContent aware str.: 770nTransport: 830->912aLive: 809->911aContent prep: 764r01, 765aUplink streaming: 775a, 766->917, 767->918TP: 769761, 806, 807, 808, ~~835~~, ~~837~~, ~~728~~ |
| 8.9 | FS\_NPN4AVProd (Feasibility Study on Media Production over 5G NPN) | B | 26.805: 726a?Multi-camera: 832->919Production types & workflows: 823->913aTP: 914 |
| 8.10 | New Work / New Work Items and Study Items | B | 715->920, 812->908, 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 Telcos* June 10, 2021 16:00 – 18:00 CEST
* June 24 1, 2021 16:00 – 18:00 CEST
* July 8, 2021 16:00 – 18:00 CEST
* July 22, 2021 16:00 – 18:00 CEST
* August 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 | 707 (placeholder) |
| 13.2 | MBS SWG | Plenary | 705 (placeholder) |
| 13.3 | MTSI SWG | Plenary |  |
| 13.4 | SQ SWG | Plenary |  |
| 13.5 | Video SWG | Plenary | 706 (placeholder) |
| 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 |  |
| 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 |  |
| 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 |  |
| 17.9 | FS\_NPN4AVProd (Feasibility Study on Media Production over 5G NPN) | Plenary |  |
| 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 |  |
| 20 | Postponed issues | Plenary |  |
| 21 | Review of the future work plan (next meeting dates, hosts) | Plenary |  |
| 22 | Any Other Business | Plenary | 757 |
| 23 | Close of meeting: Friday May 28th, at 01:00 hours CEST (at the latest) | Plenary |  |

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

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

Allocated Tdoc

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| --- | --- | --- | --- | --- | --- | --- | --- |
| **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 | - |
| [**S4-210723**](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 | **available** |  |  |
| [**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 | - |
| S4-210725 | draft TR 26.804 v0.2.1 | Ericsson GmbH, Eurolab | Agreement | 8.8 | reserved |  |  |
| S4-210726 | draft TR 26.805 v 0.1.1 | Ericsson GmbH, Eurolab | Agreement | 8.9 | reserved |  |  |
| S4-210728 | FS\_5GMS\_EXT: Updated gap analysis for content preparation | Tencent | Agreement | 8.8 | withdrawn |  |  |
| [**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** |  |  |
| [**S4-210742**](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 | reserved |  |  |
| [**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 | **available** |  |  |
| [**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 | **available** |  |  |
| [**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 | - |
| S4-210769 | [FS\_5GMS\_EXT]: Proposed workplan update | Tencent | Agreement | 8.8 | reserved |  |  |
| [**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 | **available** |  |  |
| [**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 | **available** |  |  |
| [**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 | - |
| [**S4-210773**](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** |  |  |
| [**S4-210774**](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 | **available** |  |  |
| [**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 | **available** |  |  |
| [**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 | **available** |  |  |
| [**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** |  |  |
| [**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 | **available** |  |  |
| [**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 | **available** |  |  |
| [**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 | **available** |  |  |
| [**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 | **available** |  |  |
| S4-210806 | [FS\_5GMS-EXT] Key Topic Additional / New transport protocols | Qualcomm Incorporated | Agreement | 8.8 | reserved |  |  |
| S4-210807 | [FS\_5GMS-EXT] Key Topic Content Aware Streaming | Qualcomm Incorporated | Agreement | 8.8 | reserved |  |  |
| S4-210808 | [FS\_5GMS-EXT] Key Topic Support for encrypted and high-value content | Qualcomm Incorporated | Agreement | 8.8 | reserved |  |  |
| [**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 | **available** |  |  |
| [**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 | **available** |  |  |
| [**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** |  |  |
| [**S4-210827**](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** |  |  |
| [**S4-210830**](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 | **available** |  |  |
| [**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. |  | 17.9 | **available** |  |  |
| S4-210835 | Proposed Solution for Background Traffic | Qualcomm Wireless GmbH |   | 8.8 | reserved |  |  |
| S4-210837 | Candidate Solution for Per-Application Authorization | Qualcomm Wireless GmbH |   | 8.8 | reserved |  |  |
| S4-210847 | Draft New WID on 5GMS AF Event Exposure | Qualcomm Incorporated, AT&T, Ericsson LM, Enensys, BBC, Huawei | Approval | 8.10 | withdrawn |  |  |

New Tdocs allocated during MBS SWG

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| **TDoc** | **Title** | **Source** | **For** | **SWG Agenda item** | **TDoc Status** | **Revised to** | **Plenary Agenda item** |
| S4-210895 | 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 |  |
| S4-210897 | CR to TS 26.512-0010 ClientId for Consumption and Metrics Reporting (Rel-16) | Qualcomm Incorporated, BBC, Ericsson LM | Agreement | 8.5 | **agreed** |  |  |
| S4-210898 | CR to TS 26.512-00XX on Corrections (Rel-16) | Qualcomm Incorporated | Agreement | 8.5 | **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 |  |  |  |
| S4-210902 | Considerations on Media Application Relocation | Qualcomm Wireless GmbH |   | 8.7 | **agreed** |  |  |
| 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** |  |  |
| S4-210904 | CR to TS 26.512-0012 rev1 Correction on Dynamic Policy parameters | Ericsson LM | Agreement | 8.5 | **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 |  |  |  |
| S4-210907 | [FS\_5GMS\_Multicast] Interworking | Qualcomm Incorporated | Agreement | 8.6 | **available** |  |  |
| S4-210908 | WID on Extensions to Support Media processing in the Edge | Qualcomm Wireless GmbH |   | 8.10 | **available** |  |  |
| S4-210909 | [FS\_EMSA]: User-generated live streaming walkthrough | Tencent | Agreement | 8.7 | **available** |  |  |
| S4-210910 | General Call flow for EAS relocation based on the EMSA architecture | Huawei Technologies Co.,Ltd. | Agreement | 8.7 | **available** |  |  |
| S4-210911 | [FS\_5GMS-EXT] Key Topic Scalable distribution of unicast Live Services | Qualcomm Incorporated, BBC | Agreement | 8.8 | **available** |  |  |
| S4-210912 | [FS\_5GMS-EXT] New transport protocols/Corrections and Improvements | Tencent | Approval | 8.8 | **available** |  |  |
| S4-210913 | Addition of different production types and addition of more information about existing workflows | Ericsson LM, BBC, EBU, Sennheiser | Agreement | 8.9 | **available** |  |  |
| S4-210914 | TP NPN4AVPROD |  |  |  |  |  |  |
| S4-210915 | TR EMSA (Imed) |  |  |  |  |  |  |
| S4-210916 | [FS\_5GMS\_Multicast] Updated time and work plan | TELUS |   | 8.6 | **available** |  |  |
| S4-210917 | [FS\_5GMS\_EXT]: Uplink streaming: Other collaboration scenarios call flows | Tencent | Agreement | 8.8 | **available** |  |  |
| S4-210918 | [FS\_5GMS\_EXT]: Uplink streaming: additional potential open issues | Tencent | Agreement | 8.8 | **available** |  |  |
| S4-210919 | FS\_NPN4AVProd: Utilizing Available Capacity in Multi-Camera Scenarios | Sony Europe B.V. |  | 17.9 | **available** |  |  |
| S4-210920 | Draft New WID on 5GMS AF Event Exposure | Qualcomm Incorporated, AT&T, Ericsson LM, Enensys, BBC, Huawei | Approval | 8.10 | **available** |  |  |
| S4-210921 |  |  |  |  |  |  |  |
| S4-210922 |  |  |  |  |  |  |  |
| S4-210923 |  |  |  |  |  |  |  |
| S4-210924 |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| S4-210951 | Interfaces and Formats for AF Data Collection and Event Exposure | Qualcomm Incorporated | Agreement | 8.8 |  |  |  |
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1. **Frédéric Gabin** Email: frederic.gabin@dolby.com Tel (mobile): +33 678 44 85 75
Mailing Address: Dolby France, 18 rue de Londres, 75009 Paris, France [↑](#footnote-ref-1)