**Source: SA4 Chairman[[1]](#footnote-2)**

**Title: Tdoc allocation for SA4#108-e**

## Document for: Agreement

## Agenda Item: 2

**Introduction**

The **SA4#108-e is an e-meeting** and a regular agenda is proposed. However, the expectation is that progress will be slower than during a regular face to face meeting, so priority will be given to Rel-16 work. The prioritized items have been defined as follows:

* **Maintenance of Rel-16 (5GMSA, 5G\_Media\_MTSI\_Ext, RTCPVer etc.)**
* **5GMS3**
* **E\_FLUS**
* **IVAS\_Codec**
* **HaNTE**
* **FS\_5GVideo**

Prioritized items will have time allocated during telcos. Telcos will take place during 6-9 April, the original SA4#108 planned meeting dates. Other items will be handled via email only. Email meeting will take place during 2-9 April.

**Agenda Items for Tdocs:**

* Input documents should be registered primarily for Agenda Items 5 and 6-11. Before registering documents to any other Agenda Items, consult with SA4 Chairman.
* Each document must be registered under only one Agenda Item. If unclear what Agenda Item to use, consult with SA4 Chairman and the relevant SWG Chairman.

**Submission deadline:**

* Documents submitted after **Tuesday March 31st, 2020 (23:59 CEST)** will be considered **LATE** and **will NOT be handled** during the meeting. (This submission deadline does not apply to SWG reports or other documents that must be prepared during the SA4 meeting)

|  |  |  |
| --- | --- | --- |
| 1 | Opening of the e-meeting: Thursday April 2nd, at 00:15 hours CEST |  |
| 2 | Approval of the agenda and registration of documents | 501a, 527n, 547n |
| 3 | IPR and antitrust reminder |  |
| 4 | Approval of previous meeting report | 502 |
| 5 | Reports/Liaisons from other groups/meetings |  |
| 5.1 | SA4 SWG ad hoc meetings | 515, 517 (MTSI/ITT4RT)516 (MTSI/RTCPVer)518 (MTSI/E\_FLUS)581 (SQ/HaNTE)582 (MBS/FS\_TyTrac)583, 584, 585, 586 (MBS/5GMS3)614nt, 615nt (Video/FS\_5GXR) |
| 5.2 | Other 3GPP groups | 526 (SA#87-e)530, 532 (eCall / SA and SA2)534 (QoS/CT3) |
| 5.3 | Other groups | 016, 536 (CMAF/MPEG)301 (NBMP/MPEG)302 (DASH/MPEG)303 (XR/MPEG)531 (ITU-T SG13)533 (CTA)535 (ETSI ISG ARF)537 (GCF CAG), proposed reply in 605538 (DVB TM-Mcast) |
| 6 | Issues for immediate consideration |  |
| 7 | Enhanced Voice Service (EVS) SWG | 528 |
| 7.1 | Opening of the session |  |
| 7.2 | Registration of documents |  |
| 7.3 | CRs to Features in Release 15 and earlier | EVS\_Codec: 566, 592, 610 |
| 7.4 | CRs to completed features in Release 16 |  |
| 7.5 | Liaisons with other groups/meetings |  |
| 7.6 | IVAS\_Codec (EVS Codec Extension for Immersive Voice and Audio Services) | 503, 529, 599 |
| 7.7 | New Work / New Work Items and Study Items |  |
| 7.8 | Any Other Business |  |
| 7.9 | Close of the session |  |
| 8 | Multicast-Broadcast-Streaming (MBS) SWG |  |
| 8.1 | Opening of the session |  |
| 8.2 | Registration of documents |  |
| 8.3 | Reports/Liaisons from other groups/meetings |  |
| 8.4 | Issues for immediate consideration |  |
| 8.5 | CRs to features in Release 15 and earlier |  |
| 8.6 | CRs to completed features in Release 16 | 5GMSA: 539, 541, 591, 593, 512->594, 568->597, 572, 575, 576, 590, 594, 597, 601, 602, MC\_XMB: 579TEI16: 580 |
| 8.7 | 5GMS3 (5G Media Streaming stage 3) | TP: 60026.512: 509, 511, 513, 514, 540, 542, 553, 554, 573, 574, 577, 588, 611, 26.511: 510, 522, 555, 556, 557,  |
| 8.8 | FS\_5GMS\_Multicast (Feasibility Study on Multicast Architecture Enhancements for 5GMSA) | TP: 59826.802: 612 |
| 8.9 | FS\_XRTraffic (Feasibility Study on Typical Traffic Characteristics for XR Services and other Media) | TP: 56326.925: 564 |
| 8.10 | FS\_EMSA (Feasibility Study on Streaming Architecture extensions For Edge processing) | TP: 545nt26.803: 544, 596 |
| 8.11 | New Work / New Work Items and Study Items |  |
| 8.12 | Others including TEI |  |
| 8.13 | Review of the future work plan (next meeting dates, hosts) |  |
| 8.14 | Any Other Business |  |
| 8.15 | Close of the session |  |
| 9 | Speech Quality (SQ) SWG |  |
| 9.1 | Opening of the session |  |
| 9.2 | Registration of documents |  |
| 9.3 | Liaison Statements |  |
| 9.4 | CRs to Features in Release 15 and earlier, and other contributions on terminal acoustics | 504, 505, 606 |
| 9.5 | ATIAS (Terminal Audio quality performance and Test methods for Immersive Audio Services) |  |
| 9.6 | HaNTE (Handsets Featuring Non-Traditional Earpieces) | 565 |
| 9.7 | ANTeM (Ambient noise test methodology for evaluation of acoustic UE performance) | 567 |
| 9.8 | Joint sessions of SQ SWG with other SWGs |  |
| 9.9 | New Work / New Work Items and Study Items |  |
| 9.10 | Output Documents from the SQ SWG session to the SA4 Plenary |  |
| 9.11 | Any Other Business |  |
| 9.12 | Close of the session |  |
| 10 | Video SWG |  |
| 10.1 | Opening of the session |  |
| 10.2 | Registration of documents |  |
| 10.3 | Reports and liaisons from other groups |  |
| 10.4 | CRs to Features in Release 15 and earlier |  |
| 10.5 | CRs to completed features in Release 16 |  |
| 10.6 | FS\_VR\_CoGui (Feasibility Study on VR Streaming Conformance and Guidelines) |  |
| 10.7 | FS\_5GVideo (Feasibility Study on 5G Video Codec Characteristics) | TP: 55826.955: 559, 560, 561, 569ntDisc.: 562 |
| 10.8 | New Work / New Work Items and Study Items | FS\_5GSTAR: 520 |
| 10.9 | Liaisons and Liaison Responses |  |
| 10.10 | Any Other Business |  |
| 10.11 | Close of the session  |  |
| 11 | Multimedia Telephony Service for IMS (MTSI) SWG |  |
| 11.1 | Opening of the session |  |
| 11.2 | Registration of documents |  |
| 11.3 | Reports and liaisons from other groups | LS: 587 |
| 11.4 | CRs to Features in Release 15 and earlier |  |
| 11.5 | CRs to completed features in Release 16 | 26.114: 570, 571, 608 |
| 11.6 | E\_FLUS (Enhancements to Framework for Live Uplink Streaming) | TP: 51926.238: 521, 523, 524, 525, 550, 551, 578, 589, 603, 604, 613 |
| 11.7 | ITT4RT (Support of Immersive Teleconferencing and Telepresence for Remote Terminals) | TP: 506WID: 508PD: 507->609, 543, 546, 595 |
| 11.8 | FS\_FLUS\_NBMP (Feasibility Study on the use of NBMP in E\_FLUS) | TP: 54826.939: 549->607, 552 |
| 11.9 | Others including TEI |  |
| 11.10 | New Work / New Work Items and Study Items |  |
| 11.11 | Any Other Business |  |
| 11.12 | Close of the session |  |
| 12 | LSs received during the meeting and Postponed Liaisons (from A. I. 5) |  |
| 13 | Reports and general issues from sub-working-groups |  |
| 13.1 | EVS SWG |  |
| 13.2 | MBS SWG |  |
| 13.3 | MTSI SWG |  |
| 13.4 | SQ SWG |  |
| 13.5 | Video SWG |  |
| 14 | CRs to Features in Release 15 and earlier |  |
| 15 | Release 16 Features |  |
| 15.1 | CAPIF4xMB (Usage of CAPIF for xMB API) |  |
| 15.2 | SerInter (Service Interactivity) |  |
| 15.3 | Alt\_FX\_EVS (Alternative EVS implementation using updated fixed-point basic operators) |  |
| 15.4 | E\_FLUS (Enhancements to Framework for Live Uplink Streaming) |  |
| 15.5 | HLG\_HDR (Hybrid Log Gamma High Dynamic Range) |  |
| 15.6 | E2E\_DELAY (Media Handling Aspects of RAN Delay Budget Reporting in MTSI) |  |
| 15.7 | 5G\_MEDIA\_MTSI\_ext (Media Handling Extensions for 5G Conversational Services) |  |
| 15.8 | CHEM (Coverage and Handoff Enhancements for Multimedia) |  |
| 15.9 | MC\_XMB (MCData File Distribution support over xMB) |  |
| 15.10 | EVS\_FCNBE (EVS Floating-point Conformance for Non Bit-Exact) |  |
| 15.11 | 5GMSA (5G Media streaming architecture) |  |
| 15.12 | 5GMS3 (5G Media Streaming stage 3) |  |
| 15.13 | VRQoE (VR QoE metrics) |  |
| 15.14 | RTCPVer (RTP/RTCP Verification for Real-Time Services) |  |
| 15.15 | DAHOE (Support of Hybrid DASH/HLS over eMBMS) |  |
| 15.16 | HaNTE (Handsets Featuring Non-Traditional Earpieces) |  |
| 15.17 | TEI16 and any other Rel-16 documents |  |
| 16 | Release 17 Features |  |
| 16.1 | IVAS\_Codec (EVS Codec Extension for Immersive Voice and Audio Services) |  |
| 16.2 | ITT4RT (Support of Immersive Teleconferencing and Telepresence for Remote Terminals) |  |
| 16.3 | ATIAS (Terminal Audio quality performance and Test methods for Immersive Audio Services) |  |
| 16.4 | ANTeM (Ambient noise test methodology for evaluation of acoustic UE performance) |  |
| 16.5 | TEI17 and any other Rel-17 documents |  |
| 17 | Study Items |  |
| 17.1 | FS\_5GMS\_Multicast (Feasibility Study on Multicast Architecture Enhancements for 5GMSA) |  |
| 17.2 | FS\_XRTraffic (Feasibility Study on Typical Traffic Characteristics for XR Services and other Media) |  |
| 17.3 | FS\_EMSA (Feasibility Study on Streaming Architecture extensions For Edge processing) |  |
| 17.4 | FS\_VR\_CoGui (Feasibility Study on VR Streaming Conformance and Guidelines) |  |
| 17.5 | FS\_5GVideo (Feasibility Study on 5G Video Codec Characteristics) |  |
| 17.6 | FS\_FLUS\_NBMP (Feasibility Study on the use of NBMP in E\_FLUS) |  |
| 18 | Work Items and Study Items under the responsibility of other TSGs/WGs impacting SA4 work |  |
| 19 | New Work / New Work Items and Study Items |  |
| 20 | Postponed issues |  |
| 21 | Review of the future work plan (next meeting dates, hosts) |  |
| 22 | Any Other Business |  |
| 23 | Close of meeting: Thursday April 9th, at 17:00 hours CEST (at the latest) |  |

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

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

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