**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)

**Legend**

* app = approved
* a = agreed
* awp = agreed without presentation
* n = noted
* nt = not treated
* pp = postponed
* np = not pursued
* XYZ = Tdoc currently under email agreement

|  |  |  |
| --- | --- | --- |
| 1 | Opening of the e-meeting: Thursday April 2nd, at 00:15 hours CEST |  |
| 2 | Approval of the agenda and registration of documents | 501app, 527n, 547n, Tdoc allocation rev1 agreed |
| 3 | IPR and antitrust reminder |  |
| 4 | Approval of previous meeting report | 502app |
| 5 | Reports/Liaisons from other groups/meetings |  |
| 5.1 | SA4 SWG ad hoc meetings | 515app, 517app (MTSI/ITT4RT)516app (MTSI/RTCPVer)518app (MTSI/E\_FLUS)581app (SQ/HaNTE)582app (MBS/FS\_TyTrac)583app, 584app, 585app, 586app (MBS/5GMS3)614nt, 615nt (Video/FS\_5GXR) |
| 5.2 | Other 3GPP groups | 526n (SA#87-e)530n, 532n (eCall / SA and SA2)534 (QoS/CT3) -> MTSI -> reply in 587->690app |
| 5.3 | Other groups | 016n, 536 (CMAF/MPEG) -> Video SWG reply in 669->684app301n (NBMP/MPEG)302n (DASH/MPEG)303 (XR/MPEG) -> Video SWG reply in 679->685app531n (ITU-T SG13)533 (CTA) -> MBS SWG -> reply in 628->687app535n (ETSI ISG ARF)537 (GCF CAG), proposed reply in 605 -> SQ SWG reply in 640->686app538pp (DVB TM-Mcast) -> MBS SWG -> postponed |
| 6 | Issues for immediate consideration |  |
| 7 | Enhanced Voice Service (EVS) SWG | 528R1a |
| 7.1 | Opening of the session |  |
| 7.2 | Registration of documents |  |
| 7.3 | CRs to Features in Release 15 and earlier | EVS\_Codec: 566a, 592n, 610n |
| 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) | 503n, 529n, 599n |
| 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 | 533 (CTA) reply in 628a (plenary)538pp (DVB TM-Mcast) |
| 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: 539np, 541->627 (plenary), 591->619np (content is agreed) turned into a dCR 629a, 512->594a, 593np (content agreed), 601pa (change 1), 568->597->625a, 572->623a, 575a, 576->624a, 590a, 594a, 602nMC\_XMB: 579->617->634a (plenary)TEI16: 580->618->635a (plenary) |
| 8.7 | 5GMS3 (5G Media Streaming stage 3) | TP: 600->622a (plenary)26.512: 509a, 511->630n, 513a, 611->620a, 621n, 514a, 540n, 542n, 573n, 574n, 553n, 554n, 577n, 588->633a26.511: 510a (plenary), 522 (plenary), 555m (626), 556m (626), 557->626a, 631 (plenary) |
| 8.8 | FS\_5GMS\_Multicast (Feasibility Study on Multicast Architecture Enhancements for 5GMSA) | TP: 598->637 (plenary)26.802: 612n |
| 8.9 | FS\_XRTraffic (Feasibility Study on Typical Traffic Characteristics for XR Services and other Media) | TP: 563->638 (plenary)26.925: 564n |
| 8.10 | FS\_EMSA (Feasibility Study on Streaming Architecture extensions For Edge processing) | TP: 545nt, 632->639 (plenary)26.803: 544n, 596n |
| 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 | 537 (GCF CAG), proposed reply in 605->636->640 (email/plenary) |
| 9.4 | CRs to Features in Release 15 and earlier, and other contributions on terminal acoustics | 504pp, 505pp, 606pp |
| 9.5 | ATIAS (Terminal Audio quality performance and Test methods for Immersive Audio Services) |  |
| 9.6 | HaNTE (Handsets Featuring Non-Traditional Earpieces) | 565-> 676 (plenary) |
| 9.7 | ANTeM (Ambient noise test methodology for evaluation of acoustic UE performance) | 567e (plenary) |
| 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 | 536 (CMAF/MPEG) replied in 669 (plenary)303 (XR/MPEG) replied in 662->679a (plenary) |
| 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: 558->663->667a (plenary)26.955: 559a, 560->664a, 561->665a, 569nt, 666 (plenary)Disc.: 562a |
| 10.8 | New Work / New Work Items and Study Items | FS\_5GSTAR: 520->668 (plenary) |
| 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: 587a (plenary) |
| 11.4 | CRs to Features in Release 15 and earlier |  |
| 11.5 | CRs to completed features in Release 16 | 26.114: 570a (plenary), 571n, 608n |
| 11.6 | E\_FLUS (Enhancements to Framework for Live Uplink Streaming) | TP: 519->652 (plenary)26.238: 521->644a, 523->645a, 524->647a, 525->646a, 550np, 551np, 578->m643->648->649->651a, 589->642a, 603m->643->648->649->651a, 604m->648->649->651a, 613m->643->648->649->651a |
| 11.7 | ITT4RT (Support of Immersive Teleconferencing and Telepresence for Remote Terminals) | TP: 506->653ntWID: 508aPD: 507->609->650nt, 543a, 546a, 595nt |
| 11.8 | FS\_FLUS\_NBMP (Feasibility Study on the use of NBMP in E\_FLUS) | TP: 548->654nt26.939: 549np, 607n, 552n |
| 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 | 674app, Tdoc status transfer approved |
| 13.2 | MBS SWG | 616app, Tdoc status transfer approved |
| 13.3 | MTSI SWG | 641->688app, Tdoc status transfer approved |
| 13.4 | SQ SWG | 681app, Tdoc status transfer approved |
| 13.5 | Video SWG | 670->683app, Tdoc status transfer approved |
| 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) | 26.238: 642a, 644a, 645a, 646a, 647aTP: 652a |
| 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) | 570a |
| 15.8 | CHEM (Coverage and Handoff Enhancements for Multimedia) |  |
| 15.9 | MC\_XMB (MCData File Distribution support over xMB) | 634a |
| 15.10 | EVS\_FCNBE (EVS Floating-point Conformance for Non Bit-Exact) |  |
| 15.11 | 5GMSA (5G Media streaming architecture) | 26.501: 627pp |
| 15.12 | 5GMS3 (5G Media Streaming stage 3) | TP: 622->689a26.511: 510a, 522pp, 631a26.512: 509a |
| 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) | 676a |
| 15.17 | TEI16 and any other Rel-16 documents | 635a |
| 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) | WID: 508aTP: 653->691aPD: 650a |
| 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) | WIS: 567e |
| 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) | TP: 637a |
| 17.2 | FS\_XRTraffic (Feasibility Study on Typical Traffic Characteristics for XR Services and other Media) | TP: 638a |
| 17.3 | FS\_EMSA (Feasibility Study on Streaming Architecture extensions For Edge processing) | TP: 639a |
| 17.4 | FS\_VR\_CoGui (Feasibility Study on VR Streaming Conformance and Guidelines) |  |
| 17.5 | FS\_5GVideo (Feasibility Study on 5G Video Codec Characteristics) | TP: 667a26.955: 666a |
| 17.6 | FS\_FLUS\_NBMP (Feasibility Study on the use of NBMP in E\_FLUS) | TP: 654->655a |
| 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 | FS\_5GSTAR: 668n |
| 20 | Postponed issues |  |
| 21 | Review of the future work plan (next meeting dates, hosts) | 3GPP SA4#109-e, 20 May – 3 June, 2020, Electronic Meeting - agreedSWG AH telcos planning |
| 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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