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

**Title: SA4#109-e Tdoc allocation**

## Document for: Agreement

## Agenda Item: 2

**Introduction**

The **SA4#109-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**
* **FS\_XRTraffic**

The meeting will be held as a combination of email agreement process and teleconferences. Teleconferences will take place on 25th - 29th May and 2nd - 3rd June. Email agreement process meeting will take place during 20th May, 25th -29th May and 2nd -3rd June.

**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 **Monday May 18th, 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 for Tdocs:

* **Color: not-yet processed**, **processed**, **late**, **~~withdrawn~~**, **moved to a different A.I.**, **under email agreement**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

|  |  |  |
| --- | --- | --- |
| 1 | Opening of the e-meeting: Thursday May 20th, at 0600 hours CEST |  |
| 2 | Approval of the agenda and registration of documents | 701app, 702e, 726a, Tdoc allocation rev2 is agreed. |
| 3 | IPR and antitrust reminder |  |
| 4 | Approval of previous meeting report | 704->807app |
| 5 | Reports/Liaisons from other groups/meetings |  |
| 5.1 | SA4 SWG ad hoc meetings | 706app, 708app (Video, FS\_5GXR)709app, 710app (Video, FS\_5GVideo)711app (Video, FS\_5GVideo & FS\_XRTraffic)728app, 729app, 730app (MBS, 5GMS3)731->859app (MBS, FS\_5GMS\_Multicast and FS\_EMSA)739app, 741app, 744app (MTSI, ITT4RT)740app (MTSI, FS\_NBMP\_FLUS)742app, 743app (MTSI, E\_FLUS) |
| 5.2 | Other 3GPP groups | 718n (CT3, CHEM)719n (SA2, eCall)720->MBS SWG reply in 885->962app721n->MBS SWG (SA5, QoE) noted722n (RAN2, ECN) |
| 5.3 | Other groups | 723->MBS SWG (DVB, ABR Multicast) reply in 860app705n (ITU-T SG 12, P.501)736n-> Video SWG (MPEG, CMAF) noted804n-> Video SWG (MPEG, MPEG-I Video based PCC) noted |
| 6 | Issues for immediate consideration | 734->851n776n (New SID) -> Video SWG noted777n (New SID) -> EVS SWG noted -> MTSI SWG noted |
| 7 | Enhanced Voice Service (EVS) SWG | 815 |
| 7.1 | Opening of the session |  |
| 7.2 | Registration of documents |  |
| 7.3 | CRs to Features in Release 16 and earlier | EVS\_Codec: 779, 780, 781, 782, 783&784&785&786&787&788, 789&790&791&792&793&794, 795&796, 797&798&799&800&801&802, 819, 827&828&829&830&831, 832&833&834&835&836, 850 |
| 7.4 | Liaisons with other groups/meetings |  |
| 7.5 | IVAS\_Codec (EVS Codec Extension for Immersive Voice and Audio Services) | ~~816~~, 817, 838 |
| 7.6 | New Work / New Work Items and Study Items | 777\* |
| 7.7 | Any Other Business |  |
| 7.8 | 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 | 723 replied in 733->860 (plenary)720 (reply pending Draft CRs 861, 862) reply in 885 (plenary)721n |
| 8.4 | Issues for immediate consideration |  |
| 8.5 | CRs to features in Release 15 and earlier | 712&715->868&869, 713&716->870&871, 714&717->872&873 (all to plenary) |
| 8.6 | CRs to completed features in Release 16 | 5GMSA: 707->863a, 703->732a, 809->864a, 811->875a, 812n, 823->865->876a, 824->866->877a, 882 (Aggregated CR - plenary)TEI16: 757->858a, CR in 879->884 (plenary)QoE: 861a, 862->MTSI |
| 8.7 | 5GMS3 (5G Media Streaming stage 3) | TP: 753 (plenary)ES: 754 (plenary)26.512: 727a, NA: 745->878->886a (plenary), 746n, 820n, 755n, 810->880 (plenary)Policy: 751m(887), 821m(887) -> 887 (plenary)Way forward on 5GMS3 policy and NA procedures 888 (plenary)Discovery: 752n, 822->889a (plenary) APIs: 839->883a, 758nwpContent prep: 847nConsumption reporting: 805->874->920a (plenary)DASH/CMAF: 759nwp26.511: 760a, 761a, 848->867n, 849 (plenary) |
| 8.8 | FS\_5GMS\_Multicast (Feasibility Study on Multicast Architecture Enhancements for 5GMSA) | 26.802: 837->941 (plenary)773nwp, 841nwp |
| 8.9 | FS\_EMSA (Feasibility Study on Streaming Architecture extensions For Edge processing) | 749nwp, 750nwp, 806nwp, 842->942a (plenary), 843nwp26.803: 774nwp, 808nwp, 813nwp, 844nwp |
| 8.10 | New Work / New Work Items and Study Items |  |
| 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 |  |
| 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 16 and earlier, and other contributions on terminal acoustics |  |
| 9.5 | ATIAS (Terminal Audio quality performance and Test methods for Immersive Audio Services) |  |
| 9.6 | HaNTE (Handsets Featuring Non-Traditional Earpieces) | 845n, 916->919a (Plenary) |
| 9.7 | New Work / New Work Items and Study Items | 756->918 (plenary) |
| 9.8 | Any Other Business |  |
| 9.9 | 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 | 736, 804 |
| 10.4 | CRs to Features in Release 16 and earlier | 852a, 853, 854, 855, 856, 857 |
| 10.5 | FS\_VR\_CoGui (Feasibility Study on VR Streaming Conformance and Guidelines) |  |
| 10.6 | FS\_5GVideo (Feasibility Study on 5G Video Codec Characteristics) | TP: 762->89026.955: 763a, 764a, 765a, 766->892, 778->846a767a |
| 10.7 | FS\_XRTraffic (Feasibility Study on Typical Traffic Characteristics for XR Services and other Media) | TP: 76826.925: 769->893aPD: 770a771a, 772a |
| 10.8 | New Work / New Work Items and Study Items | 725->894, 776 |
| 10.9 | Liaisons and Liaison Responses |  |
| 10.10 | Any Other Business | 777\*n |
| 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 |  |
| 11.4 | CRs to Features in Release 15 and earlier |  |
| 11.5 | CRs to completed features in Release 16 | 26.114: 724a, 825->905 |
| 11.6 | E\_FLUS (Enhancements to Framework for Live Uplink Streaming) | 803, 818->902->904, 826m(->902) |
| 11.7 | ITT4RT (Support of Immersive Teleconferencing and Telepresence for Remote Terminals) | TP: 737aPD: 738->840a |
| 11.8 | FS\_FLUS\_NBMP (Feasibility Study on the use of NBMP in E\_FLUS) | PD: 747a TP: 748->903814 |
| 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 | 937->953app, Tdoc status transfer approvedEVS AH Telco on IVAS 30th June 1400-1600 CEST (Host: Qualcomm, Submission deadline 29th June 1400 CEST) agreed. |
| 13.2 | MBS SWG | 881app, Tdoc status transfer approved |
| 13.3 | MTSI SWG | 901app, Tdoc status transfer approved |
| 13.4 | SQ SWG | 917app, Tdoc status transfer approved |
| 13.5 | Video SWG | 898app, Tdoc status transfer approvedMaintenance telco on H.263 agreed. |
| 14 | CRs to Features in Release 15 and earlier | 926a&927a&928a&929a&930a931a&932a&933a&934a&935a924a797a&798a&799a&800a&801a827a&828&&829a&830a&831a832a&833a&834a&835a&836a925->954aeDASH/TEI14/TEI15: 980a&981a&982a&983a&984a&985a |
| 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) | CR: 907->950a |
| 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) | CR: 905aLS: 908app |
| 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) | TS 26.501: 882a |
| 15.12 | 5GMS3 (5G Media Streaming stage 3) | TS 26.511: 943->963a, 849nTS 26.512: 727a, 886a, 887a, 888a, 889a, 920a, 957aLS: 880appTP: 753->956->964aES: 754->955->965a |
| 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 | ANTeM (Ambient noise test methodology for evaluation of acoustic UE performance) |  |
| 15.17 | TEI16 and any other Rel-16 documents | QOED: 946a, 947->951aenTV: 884aCR: 724a |
| 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) | PD: 840aTP: 737->952a |
| 16.3 | ATIAS (Terminal Audio quality performance and Test methods for Immersive Audio Services) |  |
| 16.4 | HaNTE (Handsets Featuring Non-Traditional Earpieces) | 919a |
| 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) | TR 26.802: 941a |
| 17.2 | FS\_XRTraffic (Feasibility Study on Typical Traffic Characteristics for XR Services and other Media) | PD: 895aTP: 768a |
| 17.3 | FS\_EMSA (Feasibility Study on Streaming Architecture extensions For Edge processing) | 942aTP: 959aMBS SWG Telco on July 30th, 1600-1800 CEST ( host: Telus, Tdoc submission deadline July 28th 2359 CEST) agreed |
| 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: 896aTR 26.955: 891aGithub: 948->960aLS: 958app |
| 17.6 | FS\_FLUS\_NBMP (Feasibility Study on the use of NBMP in E\_FLUS) | PD: 747aTP: 903a |
| 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 | 918a (HInT)897->961a (FS\_5GSTAR) |
| 20 | Postponed issues |  |
| 21 | Review of the future work plan (next meeting dates, hosts) | 735->949->966aSA4#110-e dates: 19-28 August |
| 22 | Any Other Business | 775n |
| 23 | Close of meeting: Wednesday June 3rd, 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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