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

**Title: SA4#120-e Tdoc allocation**

## Document for: Approval

## Agenda Item: 2

**Introduction**

The **SA4#120-e is an e-meeting** and a regular agenda is proposed. The meeting will be held as a combination of email agreement process and teleconferences.

**Agenda Items for Tdocs:**

* Input documents should be registered primarily for Agenda Items 6 and 7-10. Before registering documents to any other Agenda Items, consult with SA4 Chair.
* Each document must be registered under only one Agenda Item. If unclear what Agenda Item to use, consult with SA4 Chair and the relevant SWG Chair.

**Submission deadline:**

* Documents submitted after **Thursday 11th August 2022 (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* **Color: not-yet processed**, **processed**, **late**, **~~withdrawn~~**, **moved to a different A.I.**, **under email agreement, postponed, agreed in SWG, output document.**
* a agreed, app approved, n noted, pa partially agreed, np not pursued, pp postponed…

|  |  |  |  |
| --- | --- | --- | --- |
| A.I. # | A.I. Title | Block | Tdoc #s |
| 1 | Opening of the e-meeting: Wednesday 17th August, at 09:00 hours CEST |  |  |
| 2 | Approval of the agenda and registration of documents |  | 901->1000->1098app, 992n, Tdoc allocation |
| 3 | IPR and antitrust reminder |  |  |
| 4 | Approval of previous meeting report |  | 902->1096->1100app |
| 5 | Reports/Liaisons from other groups/meetings |  |  |
| 5.1 | SA4 SWG ad hoc meetings |  | RTC SWG: 1191app, 922app, 923app, 924appMBS SWG: 995app, 996app, 997app, 931appAudio SWG: 1020appVideo SWG: 1089app, 1090app, 1091app, 1092app~~999~~ |
| 5.2 | Other 3GPP groups |  | SA: 994nRTT: * 904n (CT1) -> RTC SWG -> Noted
* 1097n (SA1) -> RTC SWG -> Noted

QoE: * 905n (CT1)
* 906n (CT1)
* 909 (RAN2) -> MBS SWG -> reply in 1129app
* 1070n (SA5) -> MBS SWG -> Noted
* 1071 (SA5) -> MBS SWG -> reply in 1120app
* 1072 (SA5) -> MBS SWG -> reply in 1121app

EVEX: * 907 (CT3) -> MBS SWG -> reply in 1118app
* 912 (SA2) -> MBS SWG -> reply in 1122app

Rel-17: * 908n (CT) (agreed to grant power to MBS SWG to approve Reply LSs to CT WG on Rel-17 items)

VoLTE: * 910 (SA2) -> RTC SWG -> Reply in 1192app

5GMS : * 911n (SA2) -> MBS SWG -> Noted

5MBS : * 913n (SA2) -> MBS SWG -> Noted
* 1066 (SA2) -> MBS SWG -> Noted

QoS : * 1067 (SA2) -> Video SWG -> reply in 1169->1174app

AI/ML : * 1068 (SA2) -> Video SWG -> MBS SWG -> reply in 1123app

Query Par. : * 1069n (SA5)
 |
| 5.3 | Other groups |  | RTT : * 1082 (GSMA) -> RTC SWG -> Noted
* 1099n (ATIS)

DASH : * 1073n (DASH-IF) -> MBS SWG -> Noted
* 1074n (SC29) -> MBS SWG -> Noted

SQ: * 1077n (ITU-T SG12)
* 1078n (ITU-T SG12)

G.191: * 1080 (ITU-T SG12) -> Audio SWG -> Noted

NG Video codec : * 1081n (DVB) -> Video SWG -> Noted

Vol. Video : * 1083n (VRIF) -> Video SWG -> Noted

AI/ML* 1075 (SC29) -> Video SWG -> Noted

XR QoE : * 1076n (ITU-T SG12) -> Video SWG -> Noted
* 1079n (ITU-T SG12) -> Video SWG -> Noted
 |
| 6 | Issues for immediate consideration |  | Schedule: 903->1221aNote: joint 30 minutes session of Video and RTC SWG on MeCar Friday 19th August 1600 CEST.Metaverse Standard Forum: 976n~~TS 26.114 pdf: 980~~ |
| 7 | Audio SWG |  | 1018 |
| 7.1 | Opening of the session |  |  |
| 7.2 | Registration of documents |  |  |
| 7.3 | CRs to features in Release 17 and earlier |  | 979 |
| 7.4 | Liaisons with other groups/meetings |  |  |
| 7.5 | IVAS\_Codec (EVS Codec Extension for Immersive Voice and Audio Services) |  | 920, 921, 1026, 1027, 1046, 1049, 1061, 1062, 1063 |
| 7.6 | ATIAS (Terminal Audio quality performance and Test methods for Immersive Audio Services) |  |  |
| 7.7 | eUET (Enhancements to UE Testing) |  | 1011, 1019, 1028, 1029, 1030, 1031, 1032, 1033, 1034 |
| 7.8 | FS\_Audio\_5GSTAR (Feasibility Study on Audio Aspects for 5G Glasses-type AR/MR Devices) |  | 1035 |
| 7.9 | New Work / New Work Items and Study Items |  | 1047, 1048 |
| 7.10 | Any Other Business |  |  |
| 7.11 | Close of the session |  |  |
| 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 | LS replies: 1005 (to RAN2/3), 1006 (to SA5) |
| 8.4 | Issues for immediate consideration | A | 26.531 (EVEX): 92926.532 (EVEX): 93426.501 (EVEX): 1004LS reply to CT3 (EVEX): 933 |
| 8.5 | CRs to features in Release 17 and earlier | A | 26.512 (5GMS\_EDGE/EVEX, 5GMS3): 927, 93026.502 (5MBUSA): 928, 937, 948, 1051, 1052, 105326.531 (EVEX): 94326.532 (EVEX): 94426.804 (FS\_5GMS\_EXT): 1065, 108826.517: 949 |
| 8.6 | SR\_MSE (Split Rendering Media Service Enabler) | A | AR rendering: 104526.565: 1085 |
| 8.7 | 5GMS\_Ph2 (5G Media Streaming Architecture Phase2) | A | LL live: 9505GMS over 5MBS: 951, 952DASH/HLS: 953Uplink: 989, 990TP: 991 |
| 8.8 | FS\_5G\_MSE (Feasibility Study on 5G Media Service Enablers) | B | 26.857: 954Media player: 955MSH: 956SA6 example: 957OpenXR: 958Framework: 959, 960, 961, 998MSEs: 962Conclusions: 963Clause 4.3: 993Potential solutions: 1001Disc: 1002TP: 964 |
| 8.9 | FS\_SmarTAR (Feasibility Study on Smartly Tethering AR Glasses) | B | 26.806: 966, 967, 968, 969TP: 965 |
| 8.10 | FS\_MS\_NS\_Ph2 (Study on Media Streaming aspects of Network Slicing Phase 2) | B | SA2: 1007 TR 26.941: 1055Overview: 1057Collaborations: 1058Provisioning: 1059 TP: 1056 |
| 8.11 | New Work / New Work Items and Study Items | B |  |
| 8.12 | Others including TEI | B | 5G Broadcast emergency alerts: 970 |
| 8.13 | Review of the future work plan (next meeting dates, hosts) | B |  |
| 8.14 | Any Other Business | B | 5MBUSA Summary: 938 |
| 8.15 | Close of the session | B |  |
| 9 | Video SWG |  |  |
| 9.1 | Opening of the session | A |  |
| 9.2 | Registration of documents | A |  |
| 9.3 | Reports and liaisons from other groups | A |  |
| 9.4 | CRs to features in Release 17 and earlier | A | 971, 987, 1084 |
| 9.5 | MeCAR (Media Capabilities for Augmented Reality) | A | 935, 936, 972, 977, 1036, 1037, 1038, 1044, 1060, 1064 |
| 9.6 | FS\_XRTraffic (Feasibility Study on Typical Traffic Characteristics for XR Services and other Media) | A | 947973, 974 |
| 9.7 | FS\_AI4Media (Feasibility Study on Artificial Intelligence (AI) and Machine Learning (ML) for Media) | B | 1022, 1023, 1024, 1025, 1039, 1040, 1041, 1042, 1043, 10931021 |
| 9.8 | FS\_ARMRQoE (Feasibility Study on AR and MR QoE Metrics) | B | 1003, 1008, 1009 |
| 9.9 | New Work / New Work Items and Study Items | A | 975 |
| 9.10 | Liaisons and Liaison Responses | B |  |
| 9.11 | Any Other Business | B |  |
| 9.12 | Close of the session  | B |  |
| 10 | Real-Time Communications (RTC) SWG |  |  |
| 10.1 | Opening of the session | A |  |
| 10.2 | Registration of documents | A |  |
| 10.3 | Reports and liaisons from other groups | A |  |
| 10.4 | CRs to features in Release 17 and earlier | A |  |
| 10.5 | iRTCW (immersive Real-time Communication for WebRTC) | A | 932, ~~939~~, ~~940~~, ~~941~~, ~~942~~, 945, 988, 1012, 1054 |
| 10.6 | IBACS (IMS-based AR Conversational Services) | B | 981, 982, 1010, 1013, 1017, 1050, 1086~~1014~~, ~~1015~~, ~~1016~~ |
| 10.7 | GA4RTAR (Generic architecture for Real-Time and AR/MR media) | A | 946, 983, 984, 985986 |
| 10.8 | 5G\_RTP (5G Real-time Transport Protocols) | B | 1087, 1094, 1095 |
| 10.9 | FS\_eiRTCW (Feasibility Study on the enhancements for immersive Real-time Communication for WebRTC) | A | 925, 926 |
| 10.10 | Others including TEI | B | 918, 919 |
| 10.11 | New Work / New Work Items and Study Items | B | 978 |
| 10.12 | Any Other Business | B |  |
| 10.13 | Close of the session | B |  |
| 11 | LSs received during the meeting and Postponed Liaisons (from A. I. 5) |  | 5G-MAG: 1222n |
| 12 | Reports and general issues from sub-working-groups |  |  |
| 12.1 | Audio SWG |  | 914app, Tdoc status transfer approved |
| 12.2 | MBS SWG |  | 915app, 1175n, Tdoc status transfer approved |
| 12.3 | RTC SWG |  | 916app, Tdoc status transfer approved |
| 12.4 | Video SWG |  | 917app, Tdoc status transfer approved |
| 13 | CRs to features in Release 17 and earlier |  | 26.531 (EVEX): 1106a26.532 (EVEX): 1107a, 1109a26.501 (EVEX): 1108a 26.998: 1146->1224a26.512 (5GMS\_EDGE/EVEX, 5GMS3): 1110a, 1114a26.502: 1124a, LS in 1119app, 1130a26.804 (FS\_5GMS\_EXT): 1117a, 1144a26.131: 1186a26.955: 1147a |
| 14 | Release 18 Features |  |  |
| 14.1 | ATIAS (Terminal Audio quality performance and Test methods for Immersive Audio Services) |  | Progress: 20% -> 20% (12/22) |
| 14.2 | IVAS\_Codec (EVS Codec Extension for Immersive Voice and Audio Services) |  | IVAS-4 (Design Constraints): 1101aIVAS-8a (Test Plan): 1102aIVAS-3 (Perf. Req.): 1103aIVAS-1 (Overview): 1104aIVAS-9 (Usage Scenarios): 1105aProgress: 35% -> 40% (12/23)Note : MQ University in Australia interested in acting as test lab |
| 14.3 | iRTCW (immersive Real-time Communication for WebRTC) |  | TP: 1200aProgress: 5% -> 10% (12/23) |
| 14.4 | MeCAR (Media Capabilities for Augmented Reality) |  | TP: 1151aPD: 1150aProgress: 8% -> 15? (12/23) |
| 14.5 | IBACS (IMS-based AR Conversational Services) |  | TS: 1202aPD: 1212aTP: 1205aProgress: 0 -> 5% (12/23) |
| 14.6 | eUET (Enhancements to UE Testing) |  | 26.130: 1028a, 1189aTP: 1187aProgress: 0% -> 10% (12/23) |
| 14.7 | GA4RTAR (Generic architecture for Real-Time and AR/MR media) |  | 26.506: 1199aTP: 986aProgress: 0% -> 25% (03/23 – stage 2) |
| 14.8 | SR\_MSE (Split Rendering Media Service Enabler) |  | 26.565: 1085aTP: 1126aProgress: 0% -> 5% (09/23) |
| 14.9 | 5G\_RTP (5G Real-time Transport Protocols) |  | PD: 1209aTP: 1208aProgress: 0 -> 3% (06/23) |
| 14.10 | 5GMS\_Ph2 (5G Media Streaming Architecture Phase2) |  | TP: 1143aProgress: 0% -> 15% (03/23 – stage 2) |
| 14.11 | TEI18 and any other Rel-18 documents |  | 26.223: 1203->1213a26.114: 1204->1214a |
| 15 | Study Items |  |  |
| 15.1 | FS\_XRTraffic (Feasibility Study on Typical Traffic Characteristics for XR Services and other Media) |  | TP: 974aTR: 1170aProgress: 80% -> 85% (09/22->12/22) |
| 15.2 | FS\_5G\_MSE (Feasibility Study on 5G Media Service Enablers) |  | 26.857: 1138aTP: 964aProgress: 30% -> 60% (09/22->12/22) |
| 15.3 | FS\_AI4Media (Feasibility Study on Artificial Intelligence (AI) and Machine Learning (ML) for Media) |  | PD: 1160aTP: 1021aProgress: 10% -> 15% (12/23) |
| 15.4 | FS\_eiRTCW (Feasibility Study on the enhancements for immersive Real-time Communication for WebRTC) |  | PD: 1211aTP: 1201aProgress: 10% -> 30% (06/23) |
| 15.5 | FS\_SmarTAR (Feasibility Study on Smartly Tethering AR Glasses) |  | 26.806: 1127aTP: 1128aProgress: 30% -> 40% (12/22 -> 03/23) |
| 15.6 | FS\_MS\_NS\_Ph2 (Study on Media Streaming aspects of Network Slicing Phase 2) |  | 26.941: 1134->1173aTP: 1056aProgress: 0% -> 15% (03/23) |
| 15.7 | FS\_ARMRQoE (Feasibility Study on AR and MR QoE Metrics) |  | TR: 1165aTP: 1166aProgress: 0% -> 5% (12/23) |
| 15.8 | FS\_Audio\_5GSTAR (Feasibility Study on Audio Aspects for 5G Glasses-type AR/MR Devices) |  | TP: 1188aProgress: 0% -> 5% (12/22) |
| 16 | Work Items and Study Items under the responsibility of other TSGs/WGs impacting SA4 work |  |  |
| 17 | New Work / New Work Items and Study Items |  | Draft SID on diverse audio capturing system for end-user devices: 1190n, 1145nwp |
| 18 | Postponed issues |  |  |
| 19 | Review of the future work plan (next meeting dates, hosts) |  | Video SWG (all A.I.s)* Sep 20
* Oct 11
* Nov 2

For XRTraffic related LSs: FS\_XRM (SA2), FS\_NR\_XR\_enh (RAN2) and equivalent in RAN1, grant power to receive/send LSs. Assigned LSs will be announced 7 days ahead of the telco on the SA4 reflector.RTC SWG (all A.I.s): * Sep 7 16:00 CEST
* Sep 21 16:00 CEST
* Oct 5 6:00 CEST
* Oct 19 6:00 CEST

MBS SWG AH telcos (all A.I.s)* 8 Sep
* 22 Sep
* 6 Oct
* 20 Oct

For 5MBS/EVEX related LSs in other WG, grant power to receive/send LSs. Assigned LSs will be announced 7 days ahead of the telco on the SA4 reflector.Audio SWG AH Telcos:* eUET: Telco (October 17, 16:00-18:00 CEST; Submission deadline: October 14, 23:59 CEST; Host: HEAD acoustics GmbH)
* General: 7 October 2022 14:00-17:00 CEST, submission deadline is 6 October 2022, 14:00 CEST, bridge by Dolby
* General: 21 October 2022 14:00-17:00 CEST, submission deadline is 20 October 2022, 14:00 CEST, bridge by Dolby
 |
| 20 | Any Other Business |  | DASH-IF: 1223n |
| 21 | Close of meeting: Friday 26th August at 18:00 hours CEST (at the latest) |  |  |

*Note: Agenda Items 7-10 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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