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

**Title: SA4#128 Tdoc allocation**

## Document for: Approval

## Agenda Item: 2

**Introduction**

The **SA4#128 is a F2F meeting** and a regular agenda is proposed.

**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 **Tuesday 14th May 2024 (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* **Color: not-yet processed**, **processed**, **late**, **late by less than 12 hours**, **~~withdrawn~~**, **moved to a different A.I.**, **under email agreement, postponed, agreed in SWG, output document.**
* a agreed, e endorsed, app approved, n noted, pa partially agreed, np not pursued, pp postponed…

|  |  |  |
| --- | --- | --- |
| A.I. # | A.I. Title | Tdoc # |
| 1 | Opening of the meeting: Monday 20th May 2024, at 09:00 hours KST | 1084n |
| 2 | Approval of the agenda and registration of documents | 887app, 889n, 888->1135a |
| 3 | IPR and antitrust reminder |  |
| 4 | Approval of previous meeting report | 995app |
| 5 | Reports/Liaisons from other groups/meetings |  |
| 5.1 | SA4 SWG ad hoc meetings | MBS SWG: 892app, 893appVideo SWG: 918appRTC SWG: 986appAudio SWG: 1054appWI Status: 890n~~1021, 1022~~ |
| 5.2 | Other 3GPP groups | APIs: 863n (SA5)RedCap: 859 (CT3) -> MBS SWG reply in 1205appDC: 860pp (SA2) -> RTC SWG reply in 959n861pp (SA2) -> RTC SWG reply in 960nEE : 864n (SA5) -> MBS SWG -> NotedQoE : 865n (SA5)MCVideo : 866 (SA6) -> Closing plenary -> Reply in 1324->1334appAL-FEC : 873 (SA2) -> RTC SWG reply in 1226->1368appXR: 874 (SA2) -> RTC SWG reply in 1236->1370appMetaverse : 862pp (SA3) -> Video SWG -> Postponed |
| 5.3 | Other groups | FGS: 867n (DVB), 994n (ITU)Metaverse: 868n (ITU), 869n (ITU)G.191: 871n (ITU)QoE: 872n (ITU)5G-MAG: ~~1131~~, 1132-> Video SWG Reply in 1162->1375app |
| 6 | Issues for immediate consideration | 891e954n957-> RTC SWG -> A.I. 181013->1303a1101->1119 -> RTC SWG (jointly with MBS) ->A.I. 18 |
| 7 | Audio SWG |  |
| 7.1 | Opening of the session |  |
| 7.2 | Registration of documents |  |
| 7.3 | CRs to completed features in Release 18 and earlier | 1040,~~984~~ |
| 7.4 | Liaisons with other groups/meetings |  |
| 7.5 | ATIAS (Terminal Audio quality performance and Test methods for Immersive Audio Services) | 1042, 1043, 1102 |
| 7.6 | IVAS\_Codec (EVS Codec Extension for Immersive Voice and Audio Services) | 881, 961, 981, 982, 985, 999, 1024, 1037, 1044, 1048, 1050, 1052, 1053, 1059, 1060->1123, 1061->1125, 1062->1126, 1067, 1071, 1080 |
| 7.7 | ISAR (Immersive Audio for Split Rendering Scenarios) | 884, 885, 1004, 1005, 1008, 1051, 1056, 1066, 1069, 1072->1133~~1127~~, ~~1128~~ |
| 7.8 | FS\_DaCED (Feasibility Study on Diverse audio Capturing system for End-user Devices) | 962->978, 1038, 1039 |
| 7.9 | FS\_ACAPI (Study on Audio Codec APIs) | 1001, 1002, 1010 |
| 7.10 | Other Rel-19 matters including TEI |  |
| 7.11 | New Work / New Work Items and Study Items | 1041 |
| 7.12 | Any Other Business | 1121 |
| 7.13 | 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 | 882 |
| 8.5 | CRs to completed features in Release 18 and earlier | 852, 853, 854, 855 (joint with RTC), 856->1047, 896, 897, 917, 919, 926, 933, 970, 976 (joint with RTC)~~975,~~ 913->~~935,~~ 904, 1130 |
| 8.6 | SR\_MSE (Split Rendering Media Service Enabler) | 929, 930, 1006, 1016, 1063, 1085 |
| 8.7 | 5GMS\_Pro\_Ph2 (5G Media Streaming Protocols Phase 2) | 857, 858, 878, 902, 905, 907, 920, 922 (joint with RTC), 923 (joint with RTC), 924, 925, 938, 939, 940, 941, 942, 1057 (joint with RTC), 1070->1073901, 903 |
| 8.8 | FS\_MeMe (Study on Media Messaging) | 900,898, 909 |
| 8.9 | FS\_AMD (Study on Advanced Media Delivery) | 894, 895, 899, 908, 914, 921, 943, 944, 945, 971, 1033, 1082906 |
| 8.10 | FS\_MediaEnergyGREEN (Study on Media enerGy consumption exposuRE and EvaluatioN framework) | 875, 876, 877, 998, 1000, 1003, 1007, 1011, 1032, 1034, 1035, 1083 |
| 8.11 | Other Rel-19 matters including TEI | 1081 |
| 8.12 | New Work / New Work Items and Study Items | 1098931 |
| 8.13 | Review of the future work plan (next meeting dates, hosts) |  |
| 8.14 | Any Other Business |  |
| 8.15 | Close of the session |  |
| 9 | Video SWG |  |
| 9.1 | Opening of the session |  |
| 9.2 | Registration of documents |  |
| 9.3 | Reports and liaisons from other groups |  |
| 9.4 | CRs to completed features in Release 18 and earlier | 993->996 |
| 9.5 | VOPS (Video Operating Points - Harmonization and Stereo MV-HEVC) | 910, 911, 912, 1074, 1075->1129, 1076, 1077 |
| 9.6 | FS\_AI4Media (Feasibility Study on Artificial Intelligence (AI) and Machine Learning (ML) for Media) | 883, 966, 1025, 1027, 1028, 1029, 1030, 10651118, 1116, 1115, 1114, 1111, 1105, 1104, 1103, 1036, ~~1026~~ |
| 9.7 | FS\_FGS (Feasibility Study on Film Grain synthesis) |  |
| 9.8 | FS\_AVATAR (Feasibility Study on Avatars for Real-Time Communication) | 928, 964, 965, 1031, 1106, 1108, 1113, 11171109 |
| 9.9 | FS\_Beyond2D (Study on Beyond 2D Video) | 880, 915, 916, 946, 947, 948, 949, 963, 979, 980, 983, 989, 997, 1020, 1094, 1107934, 1124 |
| 9.10 | Other Rel-19 matters including TEI |  |
| 9.11 | New Work / New Work Items and Study Items | 886, |
| 9.12 | Liaisons and Liaison Responses |  |
| 9.13 | Any Other Business | 1078, 1079 |
| 9.14 | Close of the session |  |
| 10 | Real-Time Communications (RTC) SWG |  |
| 10.1 | Opening of the session |  |
| 10.2 | Registration of documents |  |
| 10.3 | Reports and liaisons from other groups | 950->1045, 959, 960, 967, 972, 973, 1023, 1088, 10901086, 1092, 1100 |
| 10.4 | CRs to completed features in Release 18 and earlier | 1055, 936, 937 (joint with MBS), 988->1049, 1091~~953, 987, 1046~~ |
| 10.5 | iRTCW (immersive Real-time Communication for WebRTC) | 955, 974 (joint with MBS), 977 |
| 10.6 | IBACS (IMS-based AR Conversational Services) | 927, 932, 952, 1068 |
| 10.7 | SR\_IMS (Split rendering over IMS) | 991, 992, 1009, 1064990 |
| 10.8 | FS\_5G\_RTP\_Ph2 (Study of 5G Real-time Transport Protocol Configurations, Phase 2) | 879, 951, 956, 968, 969, 1012, 1014, 1015, 1017, 1018, 1019, 1058, 1087, 1089, 1093, 1095, 1096, 1097, 1099, 1110, 1112, 1122~~1120~~ |
| 10.9 | Other Rel-19 matters including TEI |  |
| 10.10 | New Work / New Work Items and Study Items | 958 |
| 10.11 | Any Other Business |  |
| 10.12 | Close of the session |  |
| 11 | LSs received during the meeting and Postponed Liaisons (from A. I. 5) | 1138pp1165pp1187n1189n1247n1188 reply in 1302->1344->1361app |
| 12 | Reports and general issues from sub-working-groups |  |
| 12.1 | Audio SWG | 1326app, Tdoc status transfer approved |
| 12.2 | MBS SWG | 1351app, Tdoc status transfer approved |
| 12.3 | Video SWG | 1148app, Tdoc status transfer approved |
| 12.4 | RTC SWG | 1322->1372app, Tdoc status transfer approved |
| 13 | CRs to completed features in Release 18 and earlier | 26.512: 852a, 854, 104726.532: 853a26.517: 1255a, 1253aLS: 1257app26.501: 1258->1355a, 976a26.143: 1198->1357a26.502: 1256a26.247: 1166a26.502: 1276a&1277a26.347: 1202a26.130: 1040->1354aWIS eUET: 1121e26.812: 1137a26.522: 1141->1365a, 936->1360a, 1168->1364a26.506: 1163->1363a26.114: 1311->1332->1366a |
| 14 | Release 18 Features with exceptions |  |
| 14.1 | ATIAS (Terminal Audio quality performance and Test methods for Immersive Audio Services) | 26.260: 1335e26.261: 1234a, 1333eTP: 1288aProgress: 75% -> 90% (06/24) |
| 14.2 | IVAS\_Codec (EVS Codec Extension for Immersive Voice and Audio Services) | 26.250: 1299->1338a26.252: 1237->1337a26.253: 1268->1352a, 1290->1325a26.258: 1171->1339a, 1172a26.251: 1307a26.114: 1139->1340->1353a26.117: 1328a26.997: 1245->1342aIVAS-8b: 1195aIVAS-7b: 1238aLS: 1341appProgress: 83% -> 100% (06/24) |
| 14.3 | ISAR (Immersive Audio for Split Rendering Scenarios) | 26.253: 1056->1343a26.249: 1183->1345a (0.3.0)26.996: 1193->1346a (0.2.0)WIS: 1280eLS: 1359->1377appProgress: 60% -> 100% (06/24) |
| 14.4 | SR\_MSE (Split Rendering Media Service Enabler) | 26.565: 1208aWIS: 929eProgress: 95% -> 100% (06/24) |
| 14.5 | 5GMS\_Pro\_Ph2 (5G Media Streaming Protocols Phase 2) | 26.510: 1264a, 1147a, 1241->1347a, 1306a26.347: 1146a26.512: 1145a, 1149a, 858a, 1267->1358a, 1207a, 1279a26.247: 1204aWIS: 901nProgress: 85% -> 100% (06/24) |
| 14.6 | iRTCW (immersive Real-time Communication for WebRTC) | 26.113: 1222->1348aWIS: 1223eProgress: 80% -> 100% (06/24) |
| 14.7 | IBACS (IMS-based AR Conversational Services) | 26.264: 1259aWIS: 1278eProgress: 80% -> 100% (06/24) |
| 15 | Release 19 Features | TEI19: 1250a |
| 15.1 | SR\_IMS (Split rendering over IMS) | TS: 1272aTP: 990aProgress: 5% -> 15% (03/25) |
| 15.2 | VOPS (Video Operating Points - Harmonization and Stereo MV-HEVC) | TS: 1297->1369aTP: 1305aProgress: 5% -> 10% (03/25) |
| 16 | Study Items |  |
| 16.1 | FS\_DaCED (Feasibility Study on Diverse audio Capturing system for End-user Devices) | 26.933: 1173a, 1174aTP: 1175aProgress: 75% -> 85% (09/24) |
| 16.2 | FS\_ACAPI (Study on Audio Codec APIs) | 26.858: 1215aTP: 1214aProgress: 5% -> 10% (03/25) |
| 16.3 | FS\_MeMe (Study on Media Messaging) | 26.841: 909a, 1376a (0.1.0)TP: 898->1349aProgress: 5% -> 10% (12/24 -> 03/25) |
| 16.4 | FS\_AMD (Study on Advanced Media Delivery) | TP: 906->1350aSID: 899aProgress: 5% -> 15% (12/24) |
| 16.5 | FS\_AI4Media (Feasibility Study on Artificial Intelligence (AI) and Machine Learning (ML) for Media) | 26.927: 1323a, 1331aE-PD: 1177aF-PD: 1178aTP: 1036aProgress: 70% -> 75% (09/24 ->03/25) |
| 16.6 | FS\_FGS (Feasibility Study on Film Grain synthesis) | Progress: 30% -> 30% (03/25) |
| 16.7 | FS\_AVATAR (Feasibility Study on Avatars for Real-Time Communication) | TR: 1184aPD: 1185aTP: 1227aProgress: 40% -> 50% (12/24) |
| 16.8 | FS\_Beyond2D (Study on Beyond 2D Video) | TR: 1319aPD: 1321aTP: 1320aProgress: 2% -> 10% (03/25) |
| 16.9 | FS\_MediaEnergyGREEN (Study on Media enerGy consumption exposuRE and EvaluatioN framework) | TR: 1243aTP: 1242aProgress: 5% -> 15% (03/25) |
| 16.10 | FS\_5G\_RTP\_Ph2 (Study of 5G Real-time Transport Protocol Configurations, Phase 2) | TR: 1293aTP: 1286aProgress: 15% -> 40% (12/24) |
| 17 | Work Items and Study Items under the responsibility of other TSGs/WGs impacting SA4 work |  |
| 18 | New Work / New Work Items and Study Items | FS\_Haptics: 1098->1378aIVAS\_Codec\_Ph2: 1317->1379aFS\_iRTCW\_Ph2: 1170->1362->1371nFS\_ARSpatial: 1263->1356->1380a |
| 19 | Postponed issues |  |
| 20 | Review of the future work plan (next meeting dates, hosts) | Audio SWG- Audio SWG telco on IVAS\_Codec: June 7, 2024, 14:00 –16:00 CEST, host: Ericsson, Tdoc submission deadline: June 6, 2024, 14:00 CEST. Power to agree requirements on IVAS floating point to fixed point conversion.- Audio SWG Telco on ATIAS: June 7, 16:00-19:00 CEST, Host: HEAD acoustics GmbH, deadline: June 6, 16:00 CEST. Power to agree on CR to 26.260 and TS 26.261.- Audio SWG Telco on FS\_DaCED: 28 June 2024, 16:00 – 18:00 CEST, submission deadline: 27 June 2024, 16:00 CEST, host: XiaomiRTC- RTC SWG 26th June 2024, 16:00 –18:00 CEST, RTC SWG, submission deadline 25th June 2024, 16:00 CESTMBS3GPP SA4 MBS SWG Telco (June 6, 2024, 15:30 – 17:30 CET, Host Qualcomm)3GPP SA4 MBS SWG Telco (June 27, 2024, 15:30 – 17:30 CET, Host Qualcomm)3GPP SA4 MBS SWG Telco (July 11, 2024, 15:30 – 17:30 CET, Host Qualcomm)3GPP SA4 MBS SWG Telco (July 25, 2024, 15:30 – 17:30 CET, Host Qualcomm)Video SWG : power to reply to LSs on FS\_Beyond2D for all telcos.3GPP SA4 Video SWG Telco (June 25th, 2024, 15:00 – 17:00 CEST, Host Qualcomm)3GPP SA4 Video SWG Telco (July 9th, 2024, 15:00 – 17:00 CEST, Host Qualcomm)3GPP SA4 Video SWG Telco (July 23rd, 2024, 15:00 – 17:00 CEST, Host Qualcomm) |
| 21 | Any Other Business | 1261->1373app, 1382n |
| 22 | Close of meeting: Friday 24th May 2024 at 16:00 hours KST (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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