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

**Title: SA4#122 Tdoc allocation**

## Document for: Approval

## Agenda Item: 2

**Introduction**

The **SA4#122 is a face-to-face meeting** and a regular agenda is proposed. The meeting will be held as a combination of face-to-face sessions and email agreements. Remote access will be possible during face-to-face sessions for delegates who cannot attend due to travel restrictions.

**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 February 2023 (23:59 CET)** 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* **Color: not-yet processed**, **processed**, **late**, **~~withdrawn~~**, **moved to a different A.I.**, **under email agreement, postponed, agreed in SWG, output document.**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, 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 February, at 09:00 hours |  |
| 2 | Approval of the agenda and registration of documents | 001->274->275app, 033->272->276a, 105n~~032~~ |
| 3 | IPR and antitrust reminder |  |
| 4 | Approval of previous meeting report | 002app |
| 5 | Reports/Liaisons from other groups/meetings |  |
| 5.1 | SA4 SWG ad hoc meetings | Audio SWG: 026, 027, 028, 029, 233, 234 all appVideo SWG: 046, 047 all appRTC SWG: 057, 058, 059, 060 all appMBS SWG: 107, 108, 109, 110 all app |
| 5.2 | Other 3GPP groups | VoLTE: 003n (CT3)IANA: 004n (CT)XR: 005n (RAN1), 006n (RAN2),020n (SA2) -> RTC SWG -> NotedPDU Set: 009n (SA2), 019n (SA2)QoE:007 (RAN2) -> MBS SWG -> reply in 369app008n (RAN2) -> MBS SWG -> noted010n (RAN2),011 (RAN3) -> MBS SWG -> reply in 347app5GMS : 012n (SA2)5MBS : 013n (SA3)EDGE : 014n (SA6)DCMTSI : 017 (GSMA) -> RTC SWG -> reply in 345->408appSA : 106n |
| 5.3 | Other groups | Nw. Arch.: 015n (ITU-T WP3/13), 016n (ITU-T WP3/13), 018n (ITU-T WP1/13)G.191 : 024pp (ITU-T SG12) -> Audio SWG -> postponedP.57/P.58 : 048n (ITU-T SG12) -> Audio SWG -> notedQoE : 049n (ITU-T SG12)THz Coms : 169n (ETSI ISG THZ)VCM : 269n (ISO/IEC JTC 1/SC 29)Planning: 270n (ISO/IEC JTC 1/SC 29)LTE-based 5G Broadcast: 271 (5G-MAG) -> MBS SWG -> reply in 329app |
| 6 | Issues for immediate consideration |  |
| 6.1 | Split Rendering API | ~~096~~ |
| 6.2 | Other Immediate Cross-SWG issues | 075 -> Audio SWG -> revised 398 (A.I 19), 260 -> Audio SWG -> noted, 114p (offline) -> 415->432app (LS GSMA) |
| 6.3 | Other immediate issues | 097a, 135p |
| 7 | Audio SWG | 030 |
| 7.1 | Opening of the session |  |
| 7.2 | Registration of documents |  |
| 7.3 | CRs to features in Release 17 and earlier | 053, 054, 126, 127~~052~~ |
| 7.4 | Liaisons with other groups/meetings |  |
| 7.5 | IVAS\_Codec (EVS Codec Extension for Immersive Voice and Audio Services) | 025, 031, 104, 132, 221, 223, 235, 238, 239, 241, 242, 245, 246, 247, 248, 254, 257, 258, 261262, 263, 264, 268 |
| 7.6 | ATIAS (Terminal Audio quality performance and Test methods for Immersive Audio Services) | 035, 036, 189, 231, 232, 259 |
| 7.7 | eUET (Enhancements to UE Testing) | 236, 237 |
| 7.8 | FS\_DaCED (Feasibility Study on Diverse audio Capturing system for End-user Devices) | 224 |
| 7.9 | New Work / New Work Items and Study Items |  |
| 7.10 | Any Other Business | 034 |
| 7.11 | 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 | 103, 163, 164, 196 |
| 8.4 | Issues for immediate consideration |  |
| 8.5 | CRs to features in Release 17 and earlier | 040, 044->220, 051, 061, 062, 063, 078, 079, 101, 165, 166, 227, 228041->266, 042->267, 229->273~~050~~ |
| 8.6 | SR\_MSE (Split Rendering Media Service Enabler) | 138, 160, 161, 162, 188133, 134, 137 |
| 8.7 | 5GMS\_Ph2 (5G Media Streaming Architecture Phase2) | 043, 045, 080, 081, 082, 099, 152, 153, 154, 155, 157, 200, 243, 244 |
| 8.8 | 5GMS\_Audio\_Ph2 (5G Media Streaming Audio codec phase 2 for 5G-Advanced) | 111, 112, 113, 209 |
| 8.9 | FS\_SmarTAR (Feasibility Study on Smartly Tethering AR Glasses) | 084, 085, 086, 187, 240083, 168, 173 |
| 8.10 | FS\_MS\_NS\_Ph2 (Study on Media Streaming aspects of Network Slicing Phase 2) | 167, 249, 250, 251, 252, 253, 255256 |
| 8.11 | New Work / New Work Items and Study Items | 088, 216 |
| 8.12 | Others including TEI | 087, 171, 230 |
| 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 features in Release 17 and earlier | 185, 071 |
| 9.5 | MeCAR (Media Capabilities for Augmented Reality) | 074, 145, 146, 172, 191, 206, 207, 211, 212, 218, 219, 222, 226091, 092, 093, 094, 095, 136 |
| 9.6 | FS\_XRTraffic (Feasibility Study on Typical Traffic Characteristics for XR Services and other Media) | 089->205, 090 |
| 9.7 | FS\_AI4Media (Feasibility Study on Artificial Intelligence (AI) and Machine Learning (ML) for Media) | 069, 119, 120, 121, 122, 123, 124, 125, 144, 151, 156, 158, 159, 170, 225 |
| 9.8 | FS\_ARMRQoE (Feasibility Study on AR and MR QoE Metrics) | 128->150, 174, 197, 202, 203265 |
| 9.9 | New Work / New Work Items and Study Items |  |
| 9.10 | Liaisons and Liaison Responses |  |
| 9.11 | Any Other Business | 217 |
| 9.12 | 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 | 102 |
| 10.4 | CRs to features in Release 17 and earlier | 038, 037, 064, 065, 066, 201 |
| 10.5 | iRTCW (immersive Real-time Communication for WebRTC) | 184, 021, 022, 023, 070, 072, 073, 142, 186, 190, 210, 213 |
| 10.6 | IBACS (IMS-based AR Conversational Services) | 098, 100, 143, 149175, 177, 178 |
| 10.7 | GA4RTAR (Generic architecture for Real-Time and AR/MR media) | 131, 141, 181, 193, 195, 208, 214, 215176 |
| 10.8 | 5G\_RTP (5G Real-time Transport Protocols) | 129, 139, 140, 147, 148, 192, 199, 204 |
| 10.9 | MP\_RTT (Multiparty Real-Time Text) | 055, 056 |
| 10.10 | FS\_eiRTCW (Feasibility Study on the enhancements for immersive Real-time Communication for WebRTC) | 130, 180, 182, 183, 198~~179~~, ~~194~~ |
| 10.11 | Others including TEI | 039, 115, 116, 117, 118 |
| 10.12 | New Work / New Work Items and Study Items | 076, 077~~067, 068~~ |
| 10.13 | Any Other Business |  |
| 10.14 | Close of the session |  |
| 11 | LSs received during the meeting and Postponed Liaisons (from A. I. 5) | 435pp (SA2) |
| 12 | Reports and general issues from sub-working-groups |  |
| 12.1 | Audio SWG | 386app, Tdoc status transfer approved |
| 12.2 | MBS SWG | 416app, Tdocs status transfer approved |
| 12.3 | RTC SWG | 399app, Tdoc status transfer approved |
| 12.4 | Video SWG | 397app, Tdocs status transfer approved |
| 13 | CRs to features in Release 17 and earlier | 26.502: 377->382a, 379->391a, 374aLS: 346app26.517: 228->403a26.247: 061, 062, 376a26.512: 266a, 267a26.346: 171->404a26.501: 348a&350a26.132: 314a&315a26.204: 354->429a26.173: 355->430a, 126a26.174: 127a201&332->409a&410a385&383->411a&412a064a, 065a&066a |
| 14 | Release 18 Features |  |
| 14.1 | ATIAS (Terminal Audio quality performance and Test methods for Immersive Audio Services) | PD: 302aTP: 365aProgress: 25% -> 30% (12/23) |
| 14.2 | IVAS\_Codec (EVS Codec Extension for Immersive Voice and Audio Services) | IVAS-8a: 367aIVAS-3: 368appIVAS-5: 316aIVAS-4: 349appIVAS-7a: 364aProgress: 45% -> 55% (12/23) |
| 14.3 | iRTCW (immersive Real-time Communication for WebRTC) | TP: 292aProgress: 20% -> 30% (12/23) |
| 14.4 | MeCAR (Media Capabilities for Augmented Reality) | PD: 307a, and 092n, 226m(357), 357->424aTP: 308aProgress: 30% -> 40% (12/23) |
| 14.5 | IBACS (IMS-based AR Conversational Services) | PD: 298aTP: 300aWID: 320n, 417aProgress: 15% -> 20% (12/23) |
| 14.6 | eUET (Enhancements to UE Testing) | TP: 366aProgress: 15% -> 20% (12/23) |
| 14.7 | GA4RTAR (Generic architecture for Real-Time and AR/MR media) | TS: 343aTP: 278aProgress: 60% -> 70% (03/23 -> 06/23 – stage 2) |
| 14.8 | SR\_MSE (Split Rendering Media Service Enabler) | 26.565: 291aTP: 363->421aProgress: 15% -> 25% (09/23->12/23) |
| 14.9 | 5G\_RTP (5G Real-time Transport Protocols) | PD: 393aLS: 384->419appTP: 388->433aProgress: 7% -> 15% (06/23->12/23) |
| 14.10 | 5GMS\_Ph2 (5G Media Streaming Architecture Phase2) | 26.501: 287e, 289->400a, 152a, 154a, 327a, 331a, 323eTP: 282->414->428aWID: 380->427aProgress: 25% -> 50% (03/23 -> 06/23 – stage 2 -> CT3 Stage 3 work expected) |
| 14.11 | MP\_RTT (Multiparty Real-Time Text) | PD: 281aTP: 322aProgress: 00% -> 05% (09/23) |
| 14.12 | 5GMS\_Audio\_Ph2 (5G Media Streaming Audio codec phase 2 for 5G-Advanced) | 26.117: 111a26.511: 381aProgress: 100% (03/23) |
| 14.13 | TEI18 and any other Rel-18 documents | 26.804: 342->351->407->423a, 283->402->418->422a26.118: 303->425a26.928: 356->426a |
| 15 | Study Items |  |
| 15.1 | FS\_XRTraffic (Feasibility Study on Typical Traffic Characteristics for XR Services and other Media) | 26.926: 293aTP: 090aProgress: 87% -> 90% (03/23 -> 06/23) |
| 15.2 | FS\_AI4Media (Feasibility Study on Artificial Intelligence (AI) and Machine Learning (ML) for Media) | PD: 305a26.927: 378->405aTP: 375aProgress: 20% -> 25% (12/23) |
| 15.3 | FS\_eiRTCW (Feasibility Study on the enhancements for immersive Real-time Communication for WebRTC) | PD: 340aSID: 335aTP: 313aProgress: 30% -> 35% (06/23->03/2024) |
| 15.4 | FS\_SmarTAR (Feasibility Study on Smartly Tethering AR Glasses) | 26.806: 362aTP: 352aProgress: 60% -> 70% (03/23->06/23) |
| 15.5 | FS\_MS\_NS\_Ph2 (Study on Media Streaming aspects of Network Slicing Phase 2) | 26.941: 339aTP: 256aProgress: 20% -> 25% (06/23->12/23) |
| 15.6 | FS\_ARMRQoE (Feasibility Study on AR and MR QoE Metrics) | 26.812: 294aTP: 387aProgress: 10% -> 15% (12/23) |
| 15.7 | FS\_DaCED (Feasibility Study on Diverse audio Capturing system for End-user Devices) | 26.933: 317aTP: 372aProgress: 0% -> 5% (09/24) |
| 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 | 5GP\_Ph2: 279ppISAR: 398->413->434a |
| 18 | Postponed issues |  |
| 19 | Review of the future work plan (next meeting dates, hosts) | MBS SWG AH Telcos (Host: Qualcomm)9 March (1530-1730 CET)16 March (1530-1730 CET) (2nd hour with 5G-MAG)30 March (1530-1730 CEST)Power to approve and send an LS to SA2 on the topic of AS management by AFAudio SWG Telcos:Telco on IVAS: 9 March 2023, 13:00 – 15:00 CET,Telco on IVAS: 17 March 2023, 14:00 – 17:00 CET,Joint telco on ATIAS/FS\_DaCED: 24 March 2023, 16:00 – 18:00 CETTelco on eUET and ISAR: 27 March 2023, 16:00 – 18:00 CESTTelco on IVAS: 3 April 2023, 14:00 – 17:00 CESTRTC SWG AH Telcos:RTC SWG Telco #9 (March 15, 2023, 15 – 17 CET)RTC SWG Telco #10 (March 29, 2023, 6 – 8 CEST)Power to approve a response to S4-230435 (from SA2)Video SWG AH Telcos:Video Post 122-e Telco 1 (14th Mar 2023, 15:00-17:00 CET)Video Post 122-e Telco 2 (28th Mar 2023, 15:00-17:00 CEST)SA4#129-e E-meeting: 19-23 August 2024. Agreed.Agreement to have NO SA4 meetings in August 2025 |
| 20 | Any Other Business | 406n, 420->431app |
| 21 | Close of meeting: Friday 24th February at 16:00 hours (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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