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

**Title: SA4#121 Tdoc allocation**

## Document for: Agreement

## Agenda Item: 2

**Introduction**

The **SA4#121 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 can not 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 8th November 2022 (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* **Color: not-yet processed**, **processed**, **late**, **~~withdrawn~~**, **moved to a different A.I.**, **under email agreement, postponed, agreed in SWG, output document.**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, app approved, n noted, pa partially agreed, np not pursued, pp postponed…

|  |  |  |
| --- | --- | --- |
| A.I. # | A.I. Title | Tdoc # |
| 1 | Opening of the meeting: Monday 14th November, at 09:00 hours CET |  |
| 2 | Approval of the agenda and registration of documents | 1225app, 1254->1593n, 1255->1594a |
| 3 | IPR and antitrust reminder |  |
| 4 | Approval of previous meeting report | 1248app |
| 5 | Reports/Liaisons from other groups/meetings |  |
| 5.1 | SA4 SWG ad hoc meetings | RTC SWG: 1259, 1260, 1261, 1262Video SWG: 1391, 1392, 1393MBS SWG: 1404, 1405, 1406, 1407Audio SWG: 1337, 1338, 1444All approved |
| 5.2 | Other 3GPP groups | Traffic identification: 1226n (CT3)5MBS: 1227 (CT3) replied to by MBS SWG,1229n (RAN2) -> MBS SWG -> Noted1237n (SA2) -> MBS SWG -> Noted1240n (SA2),1241n (SA2) -> MBS SWG -> Noted1242n (SA2),1247n (SA3)VoLTE:1228n (CT4) -> RTC SWG -> Noted1246n (SA2)Data Channel :1243 (SA2) -> RTC SWG -> reply in 1556appXR :1230 (RAN2) -> Video SWG -> reply in 15741238 (SA2) -> RTC SWG -> 1534app1239 (SA2) replied to in SAav220921QoE : 1232 (RAN3) -> MBS SWG -> Reply in 1493app1233 (RAN3) -> MBS SWG -> reply in 1289app1234 (RAN3) -> MBS SWG -> reply in 1494->1604app1235n (RAN3)1236n (RAN3) -> MBS SWG -> NotedAI/ML : 1245n (SA2)EDGEAPP : 1252 (SA6) -> MBS SWG -> Reply in 1495appPDU Set Id:1244 (SA2) -> RTC SWG -> Reply in 1548app1253n -> RTC SWG -> Noted1249n -> RTC SWG -> Noted1432n (to SA2) -> RTC SWG -> Noted1427n -> RTC SWG -> Noted1348n -> RTC SWG -> Noted1429n -> RTC SWG -> notedSA: 1408nNew LS to SA5: 1496app |
| 5.3 | Other groups | ETSI TC STQ: 1231nQualcomm Emmy award event: 1267nOpenXR: 1471 draft reply in 1620app, 1423n5G-MAG: 1472 reply in 1595app |
| 6 | Issues for immediate consideration |  |
| 6.1 | XR client architecture | 1302n, 1355n, 1386n, 1439n, 1440n, 1441n, 1470n, 1345n |
| 6.2 | Other Immediate Cross-SWG issues | 1400n, 1401->1603a, 1402e, 1403n |
| 6.3 | Other immediate issues |  |
| 7 | Audio SWG | 1336 |
| 7.1 | Opening of the session |  |
| 7.2 | Registration of documents |  |
| 7.3 | CRs to features in Release 17 and earlier | 1271, 1416, 1463~~1437~~ |
| 7.4 | Liaisons with other groups/meetings |  |
| 7.5 | IVAS\_Codec (EVS Codec Extension for Immersive Voice and Audio Services) | 1297, 1331, 1335, 1339, 1352, 1398, 1399, 1410, 1411, 1413, 1414, 1417, ~~1438~~, 1442, 1443, 1464 |
| 7.6 | ATIAS (Terminal Audio quality performance and Test methods for Immersive Audio Services) | 1353, 1412, 1422, 1426, 1447, 1449 |
| 7.7 | eUET (Enhancements to UE Testing) | 1269, 1270, 1419, 1445 |
| 7.8 | FS\_Audio\_5GSTAR (Feasibility Study on Audio Aspects for 5G Glasses-type AR/MR Devices) | 1446 |
| 7.9 | New Work / New Work Items and Study Items | 1409 |
| 7.10 | Any Other Business | 1263 |
| 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 | 1287, 1288, 1289, 1358, 1430 |
| 8.4 | Issues for immediate consideration | 1346 |
| 8.5 | CRs to features in Release 17 and earlier | 1250&1251, 1264, 1285&1286, 1305, 1306, 1359, 1360, 1361, 1362, 1395, 1396, 1397, 1458~~1283, 1284~~ |
| 8.6 | SR\_MSE (Split Rendering Media Service Enabler) | 1293, 1294, 1364, 1455, 1456, 1457 |
| 8.7 | 5GMS\_Ph2 (5G Media Streaming Architecture Phase2) | 1290, 1291, 1292, 1295, 1307, 1308, 1309, 1385, 1450 |
| 8.8 | FS\_5G\_MSE (Feasibility Study on 5G Media Service Enablers) | 1311, 1312, 1313,1310 (n/a), 1314 (n/a) |
| 8.9 | FS\_SmarTAR (Feasibility Study on Smartly Tethering AR Glasses) | 1316, 1317, 1318, 1319, 1320, 13421315 (n/a) |
| 8.10 | FS\_MS\_NS\_Ph2 (Study on Media Streaming aspects of Network Slicing Phase 2) | 1431, 1433, 1434, 1435, 1436 |
| 8.11 | New Work / New Work Items and Study Items | 1323 |
| 8.12 | Others including TEI | 1282, 1321, 1322 |
| 8.13 | Review of the future work plan (next meeting dates, hosts) |  |
| 8.14 | Any Other Business | 1299 |
| 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 |  |
| 9.5 | MeCAR (Media Capabilities for Augmented Reality) | 1258, 1272, 1280, 1281, 1327, 1328, 1329, 1330, 1332, 1333, 1341, 1363, 1424, 1459, |
| 9.6 | FS\_XRTraffic (Feasibility Study on Typical Traffic Characteristics for XR Services and other Media) | 13241325 (n/a), 1326 (n/a) |
| 9.7 | FS\_AI4Media (Feasibility Study on Artificial Intelligence (AI) and Machine Learning (ML) for Media) | 1298, 1376, 1377, 1378, 1379, 1381, 1382, 1383, 1384, 1418, 1420, 1421, 1465, 1466, 1467, 1468, 14691380 (n/a), 1462 (n/a) |
| 9.8 | FS\_ARMRQoE (Feasibility Study on AR and MR QoE Metrics) | 1394 |
| 9.9 | New Work / New Work Items and Study Items |  |
| 9.10 | Liaisons and Liaison Responses | 1415app (by SWG) |
| 9.11 | Any Other Business |  |
| 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 | 1300, 1349, 1372 |
| 10.4 | CRs to features in Release 17 and earlier | 1350, 1366, 1374&1375, 1460 |
| 10.5 | iRTCW (immersive Real-time Communication for WebRTC) | 1257, 1265, 1266, 1275, 1276, 1277, 1278, 1303, 1334, 1389, 1390, 1451, 1461~~1279~~, ~~1369~~ |
| 10.6 | IBACS (IMS-based AR Conversational Services) | 1301, 1304, 1340, 1357, 1365, 1367, 1368, 1453 |
| 10.7 | GA4RTAR (Generic architecture for Real-Time and AR/MR media) | 1343, 1344, 1354, 1356, 1371, 1387, 1388, 1452 |
| 10.8 | 5G\_RTP (5G Real-time Transport Protocols) | 1256, 1268, 1296, 1454,~~1370~~ |
| 10.9 | FS\_eiRTCW (Feasibility Study on the enhancements for immersive Real-time Communication for WebRTC) |  |
| 10.10 | Others including TEI | 1373, 1428, 1448 |
| 10.11 | New Work / New Work Items and Study Items | 1347, ~~1351~~, 1425 |
| 10.12 | Any Other Business |  |
| 10.13 | Close of the session |  |
| 11 | LSs received during the meeting and Postponed Liaisons (from A. I. 5) |  |
| 12 | Reports and general issues from sub-working-groups |  |
| 12.1 | Audio SWG | 1513->1618app, Tdoc status transfer approved |
| 12.2 | MBS SWG | 1602, Tdoc status transfer |
| 12.3 | RTC SWG | 1600app, Tdoc status transfer approved |
| 12.4 | Video SWG | 1584 (vendredi), Tdoc status transfer |
| 13 | CRs to features in Release 17 and earlier | 1273a&1274a26.512: 1474&1475 -> 1605a&1606a26.346: 1478a&1479a26.347: 1481a26.517: 1498a26.502: 1484a, 1497a, 1477->1607a26.247: 1499->1608a26.501: 1500->1609a26.131: 1514a26.447: 1515a26.973: 1463a1535&1536->1612a&1613a1596&1597->1614a&1615a1558a&1598a&1599a |
| 14 | Release 18 Features |  |
| 14.1 | ATIAS (Terminal Audio quality performance and Test methods for Immersive Audio Services) | 26.260: 1518aLS to ETSI TC STQ: 1516appPD (ATIAS-1): 1517aTP: 1519->1622aProgress: 20% -> 25% (12/23) |
| 14.2 | IVAS\_Codec (EVS Codec Extension for Immersive Voice and Audio Services) | DC (IVAS-4): 1526->1619app (for info to SA)PR (IVAS-3): 1525aSel. Del (IVAS-6): 1524aPP (IVAS-7a) : 1521aUsa. Scen. (IVAS-9) : 1528aTP : 1527 -> 1621aProgress: 40% -> 45% (12/23) |
| 14.3 | iRTCW (immersive Real-time Communication for WebRTC) | WID: 1278aTS: 1275aPD: 1276aTP: 1512aProgress: 10% -> 20% (12/23) |
| 14.4 | MeCAR (Media Capabilities for Augmented Reality) | 1327a, 1577a, 1578p, 1581->1611a, 1583PD: 1567TP: 1280Progress: 15% -> XX (12/23) |
| 14.5 | IBACS (IMS-based AR Conversational Services) | PD: 1554aTP: 1541aProgress: 5% -> 15% (12/23) |
| 14.6 | eUET (Enhancements to UE Testing) | 26.131: 1522a26.132: 1523aTP: 1520aProgress: 10% -> 15% (12/23) |
| 14.7 | GA4RTAR (Generic architecture for Real-Time and AR/MR media) | TS: 1543-> 1610aTP: 1539aProgress: 25% -> 60% (03/23 – stage 2) |
| 14.8 | SR\_MSE (Split Rendering Media Service Enabler) | 26.565: 1507TP: 1490Progress: 5% -> XX (09/23) |
| 14.9 | 5G\_RTP (5G Real-time Transport Protocols) | PD: 1559aTP: 1540aProgress: 3% -> 7% (06/23) |
| 14.10 | 5GMS\_Ph2 (5G Media Streaming Architecture Phase2) | 1323n26.501: 1502a, 1503aTP: 1504aProgress: 15% -> 25% (03/23 – stage 2) |
| 14.11 | TEI18 and any other Rel-18 documents | 26.131: 1531a1537a1448->1616a |
| 15 | Study Items |  |
| 15.1 | FS\_XRTraffic (Feasibility Study on Typical Traffic Characteristics for XR Services and other Media) | TR: 1325TP: 1326Progress: 85% -> XX (12/22) |
| 15.2 | FS\_5G\_MSE (Feasibility Study on 5G Media Service Enablers) | 26.857: 1491aProgress: 60% -> 100% (12/22) |
| 15.3 | FS\_AI4Media (Feasibility Study on Artificial Intelligence (AI) and Machine Learning (ML) for Media) | TR: 1565PD: 1566TP: 1380Progress: 15% -> XX (12/23) |
| 15.4 | FS\_eiRTCW (Feasibility Study on the enhancements for immersive Real-time Communication for WebRTC) | TP: 1562aProgress: 30% -> 30% (06/23) |
| 15.5 | FS\_SmarTAR (Feasibility Study on Smartly Tethering AR Glasses) | 26.806: 1319, 1488TP: 1315Progress: 40% -> XX (03/23) |
| 15.6 | FS\_MS\_NS\_Ph2 (Study on Media Streaming aspects of Network Slicing Phase 2) | 26.941: 1436, 1601TP: 1492Progress: 15% -> XX (03/23) |
| 15.7 | FS\_ARMRQoE (Feasibility Study on AR and MR QoE Metrics) | TR: 1564aTP: 1568aProgress: 5% -> 10% (12/23) |
| 15.8 | FS\_Audio\_5GSTAR (Feasibility Study on Audio Aspects for 5G Glasses-type AR/MR Devices) | 26.998: 1529Progress: 5% -> XX (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 | eMP\_RTT: 1425->1617New SID Audio Capture: 1530->1623a |
| 18 | Postponed issues |  |
| 19 | Review of the future work plan (next meeting dates, hosts) | MBS SWG AH Telcos: 8 Dec, 22 Dec, 12 Jan, 9 Feb - 1530-1730 CET – Host Qualcomm (joint session with 5G-MAG on 12th Jan. 1630-1730 CET)Audio SWG:eUET: Telco (Jan. 30, 16:00-18:00 CET; Submission deadline: Jan. 27, 14:00 CET; Host: HEAD acoustics GmbH)ATIAS Telco (12 Dec. 2022 16:00-18:00 CET, submission deadline is 9 Dec. 2022, 16:00 CET, Host: Dolby)ATIAS Telco (16 Jan. 2023 16:00-18:00 CET, submission deadline is 13 Jan. 2023, 16:00 CET, Host: Dolby)Telco on IVAS: 2 December 2022, 14:00 – 17:00 CET, submission deadline: 1 December 2022, 14:00 CET, host: DolbyTelco on IVAS: 16 December 2022, 14:00 – 17:00 CET, submission deadline: 15 December 2022, 14:00 CET, host: DolbyTelco on IVAS: 13 January 2023, 14:00 – 17:00 CET, submission deadline: 12 January 2023, 14:00 CET, host: DolbyTelco on IVAS: 3 February 2023, 14:00 – 17:00 CET, submission deadline: 2 February 2023, 14:00 CET, host: DolbyRTC SWG AH Telcos:RTC SWG Telco #1 (Nov. 30, 2022, 1500-1700 CET, Host: Qualcomm)RTC SWG Telco #2 (Dec. 14, 2022, 1500-1700 CET, Host: Qualcomm)RTC SWG Telco #3 (Jan. 11, 2023, 0600-0800 CET, Host: Qualcomm)RTC SWG Telco #4 (Feb. 1, 2023, 0600-0800 CET, Host: Qualcomm)(With power to respond to LSs regarding FS\_XRM/5G\_RTP/PDU Sets)Video SWG AH Telco:3GPP SA4 Video SWG Telco (Dec. 6th, 2022, 15:00 – 17:00 CET, Host Qualcomm)3GPP SA4 Video SWG Telco (Feb. 7th, 2023, 15:00 – 17:00 CET, Host Qualcomm) |
| 20 | Any Other Business | WIS: 1506Note: 3GPP contact person for IANA:[lionel.morand@orange.com](mailto:lionel.morand@orange.com) |
| 21 | Close of meeting: Friday 18th November at 17:00 hours CET (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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