**²Source: SA4 Chair[[1]](#footnote-1)**

**Title: SA4#126 Tdoc allocation**

## Document for: Agreement

## Agenda Item: 2

**Introduction**

The **SA4#126 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 7th November 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* **Color: not-yet processed**, **processed**, **late**, **~~withdrawn~~**, **moved to a different A.I.**, **under email agreement, postponed, agreed in SWG, output document.**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 13th November, at 09:00 hours CST |  |
| 2 | Approval of the agenda and registration of documents | 1616->1893app, 1667n, 1639->1894a |
| 3 | IPR and antitrust reminder |  |
| 4 | Approval of previous meeting report | 1892app |
| 5 | Reports/Liaisons from other groups/meetings |  |
| 5.1 | SA4 SWG ad hoc meetings | SA#101: 1666nAudio SWG: 1618app, 1619app, 1620app, 1621app, 1830app, 1831appRTC: 1623app, 1624appMBS: 1662app, 1663app, 1664appVideo: 1678app, 1679app, 1680appWID/SID Status: 1665->1895n |
| 5.2 | Other 3GPP groups | EVEX: * 1889app (to CT3) -> already approved by MBS
* 1600 (CT3) -> replied to in 1889

Forge: 1595/1598 (SA5) reply in 1915QoE: * 1596n (SA5) -> Noted
* 1597n (SA5) -> Noted
* 1603n (RAN3) -> Noted
* 1607n (RAN3) -> Noted
* 1608 (RAN3) -> MBS SWG -> Noted
* 1613 (RAN2) -> MBS SWG reply in 1905

EE : 1599PP (SA5) -> dedicated session Wed 29th Nov Morning (Nik) -> postponedHTTP : 1601 (CT4) -> MBS SWG -> Back to plenary for ActionSlice: 1602 (SA2) -> MBS SWG -> NotedMBS: 1611n (SA2) -> NotedPDU Set: 1612n (SA2) -> RTC SWG -> NotedXR : 1614n (RAN2) -> RTC SWG -> Noted |
| 5.3 | Other groups | P.340 : 1604n (ITU-T SG12) -> Audio SWG -> NotedG.1092: 1605n (ITU-T SG12) -> NotedBone conducting : 1606n (ITU-T SG12) -> Audio SWG -> NotedMetaverse: - 1609 (ITU-T FG-MV) reply in XXXX (Thomas)- 1610n (ITU-T FG-MV) -> Noted- 1615n (ITU-T FG-MV) -> NotedP.910 : 1645n (ITU-T SG12) -> NotedVCM : 1646n (ISO/IEC JTC 1/SC 29/WG 2) -> Video SWG -> NotedPROMISE : 1647 (ISO/IEC JTC 1/SC 29/WG 3) -> MBS SWG -> NotedFGS: 1648n (ISO/IEC JTC 1/SC 29/WG 5) -> Video SWG -> NotedIMT: 1890n (ITU-T JCA-IMT2020) -> Noted |
| 6 | Issues for immediate consideration |  |
| 6.1 | Cross-SWG issues |  |
| 6.2 | Other immediate issues | MSF: 1698nRel-19: 1674n |
| 7 | Audio SWG | 1622 |
| 7.1 | Opening of the session |  |
| 7.2 | Registration of documents |  |
| 7.3 | CRs to features in Release 17 and earlier |  |
| 7.4 | Liaisons with other groups/meetings |  |
| 7.5 | IVAS\_Codec (EVS Codec Extension for Immersive Voice and Audio Services) | 1644, 1707, 1709, 1776, 1777, 1833, 1842, 1845, 1857, 1865, 1870, 1875, 1880, 1881 |
| 7.6 | ATIAS (Terminal Audio quality performance and Test methods for Immersive Audio Services) | 1701, 1718, 1751, 1840, 1855, 1869, 1879 |
| 7.7 | eUET (Enhancements to UE Testing) | 1617, 1778, 1832 |
| 7.8 | FS\_DaCED (Feasibility Study on Diverse audio Capturing system for End-user Devices) | 1661, 1717, 1775, 1850 |
| 7.9 | ISAR (Immersive Audio for Split Rendering Scenarios) | 1804, 1806, 18071805 |
| 7.10 | Other Rel-18 matters including TEI |  |
| 7.11 | New Work / New Work Items and Study Items |  |
| 7.12 | Any Other Business |  |
| 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 | QoE: 1762 |
| 8.4 | Issues for immediate consideration |  |
| 8.5 | CRs to features in Release 17 and earlier | 26.512: 1632&1631, 175526.346: 170026.501: 1704&170326.517: 1763, 1882~~1699~~ |
| 8.6 | SR\_MSE (Split Rendering Media Service Enabler) | 26.565: 1710- Pose: 1657, 1798, 1800, - Space: 1801- Media: 1713- Neg: 1780- reloc: 1781- User plane: 1796- Latency: 1799- Output: 1802- Depth buffer: 1872- Metadata: 18831682 |
| 8.7 | PROMISE (5G-Advanced media profiles for messaging services) | Disc: 1688, 1689, 182726.140: 1669, 1690, 26.143: 1871, 1670TP: 16681691 |
| 8.8 | 5GMS\_Pro\_Ph2 (5G Media Streaming Protocols Phase 2) | Disc. API: 1641, 164226.512:- EVEX API: 1633- M3: 1634- M1/M5/M6 del.: 1635- Serv. URL: 1636- uplink streaming: 1652- BDT: 1653- Multi-entry: 1654- low-latency: 1685- MBS: 1686- OAuth 2.0: 1753- Traffic ID: 1754- Notification: 1786, 1791- ANBR: 1841- HTTP-3: 1854 26.510 (joint session with RTC SWG)- tracker: 1637- v0.2.0: 1638- Service access: 1655- Session IDs: 1656- PD: 1681- uplink streaming: 183426.532:- ANBR: 1843TP: 16831684, 1687 |
| 8.9 | FS\_MS\_NS\_Ph2 (Study on Media Streaming aspects of Network Slicing Phase 2) | 26.941:- AF interop: 1788- Policies: 1789- slice replacement: 1851- conclusions: 1844, 1846 - v1.1.0: 1852TP: 1853 |
| 8.10 | Other Rel-18 matters including TEI | 26.501: - BDT: 1628- UL/DL: 1629- Service URL: 1630- policies: 1658- ANBR: 1677Architecture: 1640 (joint session with RTC SWG)26.531:- data reporting: 1643 |
| 8.11 | New Work / New Work Items and Study Items | Rel-19: 1673 |
| 8.12 | Review of the future work plan (next meeting dates, hosts) |  |
| 8.13 | Any Other Business |  |
| 8.14 | 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) | 1671, 1672, 1779, 1795, 1803, 1817, 1828, 1856, 1860, 1861, 1862, 1863, 18671692, 1693, 1694, 1702, 1829, 1858, 1859 |
| 9.6 | FS\_AI4Media (Feasibility Study on Artificial Intelligence (AI) and Machine Learning (ML) for Media) | 1649, 1769, 1770, 1771, 1772, 1773, 1774, 1808, 1810, 1813, 1814, 1816, 1866, 1868, 1884, 1885, 1886, 18871835 |
| 9.7 | FS\_ARMRQoE (Feasibility Study on AR and MR QoE Metrics) | 1675, 1794, 1864 |
| 9.8 | FS\_FGS (Feasibility Study on Film Grain synthesis) | 1659, 1660, 1787, 1826 |
| 9.9 | FS\_HEVC\_Profiles (Feasibility Study on new HEVC profiles and operating points) | 1790, 1797, 1818, 1819, 1820, 1821, 1822, 1823, 1824, 1825,  |
| 9.10 | FS\_AVATAR (Feasibility Study on Avatars for Real-Time Communication) | 1650, 1651, 1708, 1715, 1716, 1765, 1766, 1767, 1768, 1837, 1838, 1876, 18771878, 1888 |
| 9.11 | Other Rel-18 matters including TEI | 1695, 1696, 1697 |
| 9.12 | New Work / New Work Items and Study Items | 1712 |
| 9.13 | Liaisons and Liaison Responses |  |
| 9.14 | Any Other Business |  |
| 9.15 | 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 |  |
| 10.4 | CRs to features in Release 17 and earlier |  |
| 10.5 | iRTCW (immersive Real-time Communication for WebRTC) | 1711, 1742, 1743, 1745, 1782, 1839, 1848, 18491747, 1748 |
| 10.6 | IBACS (IMS-based AR Conversational Services) | 1627, 1728, 1744, 1783, 1784, 1785, 1793, 1873, 1874 |
| 10.7 | 5G\_RTP (5G Real-time Transport Protocols) | 1676, 1705, 1706, 1752, 1756, 1757, 1758, 1759, 1760, 1761, 1764, 1811, 1815, 1836, 18471809 |
| 10.8 | MP\_RTT (Multiparty Real-Time Text) | 1625 |
| 10.9 | FS\_eiRTCW (Feasibility Study on the enhancements for immersive Real-time Communication for WebRTC) | 1719, 1720, 1721, 1722, 1723, 1724, 1725, 1726, 1727, 1729, 1730, 1731, 1732, 1733, 1734, 1735, 1736, 1737, 1738, 1739, 1740, 1741, 1749, 1750, 1812  |
| 10.10 | Other Rel-18 matters including TEI | 1714, 1746~~1626~~ |
| 10.11 | New Work / New Work Items and Study Items |  |
| 10.12 | Any Other Business |  |
| 10.13 | Close of the session |  |
| 11 | LSs received during the meeting and Postponed Liaisons (from A. I. 5) | 2001 |
| 12 | Reports and general issues from sub-working-groups |  |
| 12.1 | Audio SWG | 2038app, Tdoc status transfer approved |
| 12.2 | MBS SWG | XXXX, Tdoc status transfer (Vendredi aprem) |
| 12.3 | RTC SWG | 1891app, Tdoc status transfer approved |
| 12.4 | Video SWG | 2037app, Tdoc status transfer approved |
| 13 | CRs to features in Release 17 and earlier | 26.501: 1704a&1900a&1901a26.512: 1632a&1631a, 1904->2046a26.346: 1902a |
| 14 | Release 18 Features |  |
| 14.1 | ATIAS (Terminal Audio quality performance and Test methods for Immersive Audio Services) | ATIAS-1: 1970aTP: 1947aProgress: 50% -> 60% |
| 14.2 | IVAS\_Codec (EVS Codec Extension for Immersive Voice and Audio Services) | IVAS-1: 1956aIVAS-7b: 1707aIVAS-8b: 2029a26.252: 1994a26.253: 1989a26.254: 1969a26.255: 1968a26.256: 1833aProgress: 75% -> 78% |
| 14.3 | iRTCW (immersive Real-time Communication for WebRTC) | PD: 1980aTS: 1748->2050aTP: 1747->2052a26.506: 2010WID: 1742nProgress: 50% -> 60% |
| 14.4 | MeCAR (Media Capabilities for Augmented Reality) | 1992n2045PD: 1965aTS: 197626.117: 2023eTP: 1964aProgress: 65% -> 80% |
| 14.5 | IBACS (IMS-based AR Conversational Services) | PD: 1966aTS: 1962aLS: 1920->2053TP: 1963aProgress: 35% -> 50% |
| 14.6 | eUET (Enhancements to UE Testing) | 26.801: 1922->2042aTP: 1948aProgress: 35% -> 65% |
| 14.7 | SR\_MSE (Split Rendering Media Service Enabler) | Media Cap: 2011TS: 2013TP: 2012Progress: |
| 14.8 | 5G\_RTP (5G Real-time Transport Protocols) | TS: 1983aLS: 1955appTP: 1981aProgress: 45% -> 60% |
| 14.9 | MP\_RTT (Multiparty Real-Time Text) | 26.114: 1936->2054aWID: 1937aTP: 1982aProgress: 50% -> 75% (12/23 -> 03/24) |
| 14.10 | ISAR (Immersive Audio for Split Rendering Scenarios) | WID: 2000aTR: 2014aTP: 1998aProgress: 15% -> 25% |
| 14.11 | PROMISE (5G-Advanced media profiles for messaging services) | 26.140: 199326.143: 1670TP: 1668Progress: 15% -> |
| 14.12 | 5GMS\_Pro\_Ph2 (5G Media Streaming Protocols Phase 2) | 26.512: - EVEX API: 1633- ANBR: 184126.532: 184326.510: 2002PD: 1996, 200826.501: 2009TP: 1683Progress: 25% -> |
| 14.13 | TEI18 and any other Rel-18 documents | 26.501:- BDT: 2004- UL/DL: 1987- Service URL: 1630- Policies: 200326.531:- reporting: 199126.114: 1975->2047a26.506: 1746->2048a26.925: 1697a26.926: 1896->2044a |
| 15 | Study Items |  |
| 15.1 | FS\_AI4Media (Feasibility Study on Artificial Intelligence (AI) and Machine Learning (ML) for Media) | 26.927: 1923a26.847: 1933aPD: 1953aEval-PD: 1932aTP: 2027aProgress: 40% -> 50% |
| 15.2 | FS\_eiRTCW (Feasibility Study on the enhancements for immersive Real-time Communication for WebRTC) | PD: 1979aTR: 1997aLS: 1906->2055aTP: 1978->2056aProgress: 55% -> 70% |
| 15.3 | FS\_MS\_NS\_Ph2 (Study on Media Streaming aspects of Network Slicing Phase 2) | 26.941:- conclusions: ~~1844~~, 1846->2049a- v1.1.0: 1852TP: 1853Progress: 65% -> |
| 15.4 | FS\_ARMRQoE (Feasibility Study on AR and MR QoE Metrics) | 26.812: 1941a, 1943aTP: 2030aProgress: 50% -> 65% |
| 15.5 | FS\_DaCED (Feasibility Study on Diverse audio Capturing system for End-user Devices) | 26.933: 1944aTP: 1951aProgress: 35% -> 45% |
| 15.6 | FS\_FGS (Feasibility Study on Film Grain synthesis) | PD: 2017aTP: 2018aProgress: 10% -> 20% |
| 15.7 | FS\_HEVC\_Profiles (Feasibility Study on new HEVC profiles and operating points) | TR: 2006aTP: 2035aLS: 2005appProgress: 30% -> 65% |
| 15.8 | FS\_AVATAR (Feasibility Study on Avatars for Real-Time Communication) | TR: 1949->2051aTP: 2043aProgress: 5% -> 20% |
| 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 | 1792n |
| 18 | Postponed issues |  |
| 19 | Review of the future work plan (next meeting dates, hosts) | Video SWG AH Telcos:* 3GPP SA4 Video SWG Telco (Nov 28th, 2023, 15:00 – 17:00 CET, host Qualcomm)
* 3GPP SA4 Video SWG Telco (Dec 5th, 2023, 15:00 – 17:00 CET, host Qualcomm)
* 3GPP SA4 Video SWG Telco (Dec 19th, 2023, 15:00 – 17:00 CET, host Qualcomm) on Rel-19 planning and Rel-18 completion. No decisions.
* 3GPP SA4 Video SWG Telco (Jan 16th, 2024, 15:00 – 17:00 CET, host Qualcomm)

RTC SWG AH Telcos:* 3GPP SA4 RTC SWG Telco #16 : December 6, 2023, 16:00 –18:00 CET, Host Qualcomm. Power to approve LS to CT3/CT4 on iRTCW.
* 3GPP SA4 RTC SWG Telco #17 : January 10 , 2024, 6:00 – 8:00 CET, Host Qualcomm. Power to approve LS to CT3/CT4 on iRTCW.

MBS SWG AH Telcos:* 3GPP SA4 MBS SWG Telco (November 30, 2023, 15:30 – 17:30 CET, Host Qualcomm). Power to agree 26.517 CR 0001 and agree 26.143 v1.0.0 to be sent for information
* 3GPP SA4 MBS SWG Telco (December 7, 2023, 22:00 – 24:00 CET, Host Qualcomm)
* 3GPP SA4 MBS SWG Telco (January 11 2024, 15:30-17:30) on Rel-19 planning and Rel-18 completion. No decisions.
* 3GPP SA4 MBS SWG Telco (January 18, 2024, 15:30 17:30 CET, Host Qualcomm), power to approve LS out.

Audio SWG AH Telcos:* Telco on eUET: 4 December 2023, 16:00 – 18:00 CET, submission deadline: 1 December 2023, 16:00 CET, host: HEAD acoustics
* Telco on IVAS characterization: 15 December 2023, 14:00 – 17:00 CET, submission deadline: 14 December 2023, 14:00 CET, host: Dolby
* Telco on ISAR: 18 December 2023, 16:30 – 18:00 CET, submission deadline: 15 December 2023, 16:30 CET, host: Dolby
* Telco on ATIAS, eUET, FS\_DaCED: 12 January 2024, 16:00 – 18:00 CET, submission deadline: 11 January 2024, 16:00 CET, host: HEAD acoustics
* Telco on IVAS: 15 January 2024, 13:00 – 15:00 CET, submission deadline: 12 January 2024, 13:00 CET, host: Dolby
* Telco on ISAR: 15 January 2024, 16:30 – 18:00 CET, submission deadline: 12 January 2024, 16:30 CET, host: Dolby

Dedicated SA4 AH Telco on EE : 1599 (SA5) (Nik) |
| 20 | Any Other Business |  |
| 21 | Close of meeting: Friday 17th November at 16:00 hours CST (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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