**3GPP TSG-SA WG1 Meeting #106**

**Jeju, Korea, 27 – 31 May 2024**

# tdoc list SA1#106 version May 18th

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Order | Ag. Item | Tdoc# | Source | Title | Type | Spec | CR# | r | cat | Version in | Rel | WI | Summary | Discussion | Conclusion |
|  | 1 | [**S1-241000**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241000.zip) | SA1 Chair | 1st Draft Agenda for SA1#106 | agenda |  |   |   |   |   |  |  |   |  |  |
|  | 1 | S1-241001 | SA1 Chair | 2nd Draft Agenda for SA1#106 | agenda |  |   |   |   |   |  |  |   |  | reserved |
|  | 1 | S1-241002 | SA1 Chair | Agenda for SA1#106 | agenda |  |   |   |   |   |  |  |   |  | reserved |
|  | 2 | S1-241003 | ETSI | Extract of the 3GPP Work Plan for SA1#106 | Work Plan |  |   |   |   |   |  |  |   |  | reserved |
|  | 2 | S1-241004 | ETSI | Draft minutes of previous SA1 meeting | report |  |   |   |   |   |  |  |   |  |  |
|  | 2 | S1-241005 | ETSI | Minutes of previous SA1 meeting | report |  |   |   |   |   |  |  |   |  | reserved |
|  | 2 | S1-241006 | SA1 vice-chair | SA1-related topics at SA#103 | report |  |   |   |   |   |  |  |   |  | reserved |
|  | 2 | [**S1-241007**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241007.zip) | ETSI | MCC info on CR Rules | other |  |   |   |   |   |  |  |   |  |  |
|  | 1 | [**S1-241008**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241008.zip) | ETSI | MCC info on WID names | other |  |   |   |   |   |  |  |   |  |  |
|  | 1 | S1-241009 | SA1 Chair & ETSI MCC | Cleaning Rel-18 Stage 1 | other |  |   |   |   |   |  |  |   |  | reserved |
|  | 2 | [**S1-241010**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241010.zip) | SA1 Chair & ETSI MCC | SA1#106 preparation and SA1 planning | other |  |   |   |   |   |  |  |   |  |  |
|  | 3 | S1-241011 | LG Electronics | [draft] Reply LS on the stage 2 aspects of MINT\_Ph2 | LS out |  |   |   |   |   | [**Rel-19**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=194) | [**MINT\_Ph2**](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=970041) | reply LS proposal |  | withdrawn |
|  | 8 | [**S1-241012**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241012.zip) | AT&T Services, Inc. | Moving to "NextG" | discussion |  |   |   |   |   | [**Rel-20**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=195) |  | Discussion |  |  |
|  | 3 | [**S1-241013**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241013.zip) | Ericsson | (DRAFT) Reply- LS on Clarification related to MC gateway UE requirements | LS out |  |   |   |   |   | [**Rel-19**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=194) |  | Reply to S6-241370 |  |  |
|  | 8 | [**S1-241014**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241014.zip) | Sony Europe B.V. | Views on the SA1 6G Study | discussion |  |   |   |   |   | [**Rel-20**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=195) |  |   |  |  |
|  | 8 | [**S1-241015**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241015.zip) | SK telecom | SK Telecom’s View on Future Telco. Infrastructure | discussion |  |   |   |   |   | [**Rel-20**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=195) |  |   |  |  |
|  | 8 | [**S1-241016**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241016.zip) | Apple | IMT-2030 views | discussion |  |   |   |   |   |  |  |   |  |  |
|  | 4 | [**S1-241017**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241017.zip) | NOVAMINT, SES, THALES, ESA | Motivation for revising FS\_5GSAT\_Ph4 SID to add Reliable Multicast Use Cases for NTN | discussion |  |   |   |   |   | [**Rel-20**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=195) |  |   |  |  |
|  | 8 | [**S1-241018**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241018.zip) | Nokia | Nokia's view on SA1 Rel-20 6G study | discussion |  |   |   |   |   |  |  |   |  |  |
|  | 10.1 | [**S1-241019**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241019.zip) | Nokia | Considerations on defining KVs for 6G study in SA1 | discussion |  |   |   |   |   | [**Rel-20**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=195) |  |   |  |  |
|  | 10.1 | [**S1-241020**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241020.zip) | Nokia | Considerations on implementing KVs for 6G study in SA1 | discussion |  |   |   |   |   | [**Rel-20**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=195) |  |   |  |  |
|  | 8 | [**S1-241021**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241021.zip) | KDDI Corporation | KDDI’s visions and plans on SA1 Rel-20 6G study | discussion |  |   |   |   |   | [**Rel-20**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=195) |  |   |  |  |
|  | 8 | [**S1-241022**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241022.zip) | China Telecomunication Corp. | Proposal for 6G Use Cases and Considerations on SID Approach | discussion |  |   |   |   |   | [**Rel-20**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=195) |  | We firstly to submit contributions on SA1 6G SID in SA1#105, Athens (S1-240111). Based on the discussion in stage 1 May Workshop, few aspects are updated and we re-submit it on this meeting. |  |  |
|  | 8 | S1-241023 | FirstNet | FirstNet 6G SID Indeas | discussion |  |   |   |   |   |  |  |   |  | reserved |
|  | 7.2 | [**S1-241024**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241024.zip) | AsiaInfo | Pseudo-CR on TR 22883 add New use case on User-centric Energy-aware QoS Management | pCR | [**22.883**](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=4308) |   |   |   | 0.0.0 | [**Rel-20**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=195) | [**FS\_EnergyServ\_Ph2**](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=1030044) | This pCR introduces a new use case on User-centric Energy-aware QoS Management. |  |  |
|  | 7.2 | [**S1-241025**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241025.zip) | AsiaInfo | Pseudo-CR on New use case on Incentive Mechanism for User Energy Saving | pCR | [**22.883**](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=4308) |   |   |   | 0.0.0 | [**Rel-20**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=195) | [**FS\_EnergyServ\_Ph2**](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=1030044) | This pCR introduces a new use case on Incentive Mechanism for User Energy Saving. |  |  |
|  | 7.2 | [**S1-241026**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241026.zip) | AsiaInfo | Pseudo-CR on New use case on Renewable Energy Prioritization for VNF Deployment | pCR | [**22.883**](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=4308) |   |   |   | 0.0.0 | [**Rel-20**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=195) | [**FS\_EnergyServ\_Ph2**](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=1030044) | This pCR introduces a new use case on Renewable Energy Prioritization for VNF Deployment. |  |  |
|  | 8 | [**S1-241027**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241027.zip) | China Mobile | China Mobile's view on 6G study | discussion |  |   |   |   |   | [**Rel-20**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=195) |  |   |  |  |
|  | 6.4 | [**S1-241028**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241028.zip) | InterDigital | Alignment of terminology for requirements | CR | [**22.125**](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3545) | 0052 | 2 | F | 19.1.0 | [**Rel-19**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=194) | [**UAS\_Ph3**](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=1020059) |   |  | Revised to S1-241029 |
| r | 6.4 | [**S1-241029**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241029.zip) | InterDigital | Alignment of terminology for requirements | CR | [**22.125**](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3545) | 0052 | 3 | F | 19.1.0 | [**Rel-19**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=194) | [**UAS\_Ph3**](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=1020059) | Replaces S1-241028 |  |  |
|  | 8 | [**S1-241030**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241030.zip) | NTT DOCOMO INC.. | Overall NTT DOCOMO’s view on 6G | discussion |  |   |   |   |   | [**Rel-20**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=195) |  |   |  |  |
|  | 6.2 | [**S1-241031**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241031.zip) | ZTE, China Unicom, NEC, Futurewei | 22.261v18.13.0 Removal of non-implemented DI\_5G requirement | CR | [**22.261**](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3107) | 0784 |   | F | 18.13.0 | [**Rel-18**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=193) | [**DI\_5G**](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=910035) | (This is a CR for alignment). Rel-18 DI\_5G requirement was not implemented in Stage 2 and Stage 3. |  |  |
|  | 6.2 | [**S1-241032**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241032.zip) | Samsung, China Telecom | Alignment for Smart Energy Infrastructure | CR | [**22.104**](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3528) | 0098 | 1 | F | 18.3.0 | [**Rel-18**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=193) | [**SEI**](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=920039) | Some requirements added to TS 22.104 were not supported in Release 18 stage 2 and stage 3 standardization. To align all 3GPP specifications, these unfulfilled requirements are removed from the Release 18 version of the specification. Other requirements have been satisfied in Release 18, mainly in TS 28.318. |  |  |
|  | 6.2 | [**S1-241033**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241033.zip) | Samsung, China Telecom | Alignment for Smart Energy Infrastructure | CR | [**22.261**](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3107) | 0771 | 1 | F | 18.13.0 | [**Rel-18**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=193) | [**SEI**](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=920039) | Some requirements added to TS 22.261 were not supported in Release 18 stage 2 and stage 3 standardization. To align all 3GPP specifications, these unfulfilled requirements are removed from the Release 18 version of the specification. Other requirements have been satisfied in Release 18, mainly in TS 28.318. |  |  |
|  | 6.2 | [**S1-241034**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241034.zip) | Samsung, China Telecom | Rel-18 Alignment of Stage 1 with results for SEI | discussion |  |   |   |   |   |  |  | This discussion paper proposes a strategy to align the SEI provisions in stage 1 specifications that are SA1's responsibility in Release 18. There are two related CRs: S1-241032 for TS 22.104 and S1-241033 for TS 22.261 alignment. |  |  |
|  | 7.2 | [**S1-241035**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241035.zip) | Samsung | pCR 22.883 Advice of Energy Use | pCR | [**22.883**](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=4308) |   |   |   | 0.0.0 | [**Rel-20**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=195) | [**FS\_EnergyServ\_Ph2**](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=1030044) | This use case proposes a means by which subscribers, enterprise customers and service providers can knowingly limit their energy use and thereby achieve real energy savings. |  |  |
|  | 10.1 | [**S1-241036**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241036.zip) | Samsung | Proposals for further consideration of key values | discussion |  |   |   |   |   | [**Rel-20**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=195) |  | Key values can be discussed as part of Release 20, phase 2. This paper considers some aspects and makes some suggestions of how to consider values as part of work on standardization. |  |  |
|  | 8 | [**S1-241037**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241037.zip) | Samsung Electronics Czech | On the 6G Stage 1 Study | discussion |  |   |   |   |   | [**Rel-20**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=195) |  | This presentation considers content, form and procedure aspects for the coming 6G study in SA1. |  |  |
|  | 8 | [**S1-241038**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241038.zip) | Huawei  | Huawei consideration of SA1 Rel-20 Part2 study | discussion |  |   |   |   |   | [**Rel-20**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=195) |  |   |  |  |
|  | 6.4 | [**S1-241039**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241039.zip) | Huawei  | add the definition pointer of Ambient IoT device  | CR | [**22.369**](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=4232) | 0003 |   | D | 19.1.0 | [**Rel-19**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=194) | AmbientIoT, FS\_AmbientIoT | Add a pointer to TS 22.261 to ensure TS22.369 includes the definition of Ambient IoT device. |  | **withdrawn** |
|  | 10.1 | [**S1-241040**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241040.zip) | Orange | Discussion paper Key Value (KVs) and Key Value Indicators (KVIs) | discussion |  |   |   |   |   | [**Rel-20**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=195) |  | Proposal for a methodology to address KVIs in SA1 studies. |  |  |
|  | 8 | [**S1-241041**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241041.zip) | THALES | Views on 6G SA1 study item(s) | discussion |  |   |   |   |   | [**Rel-20**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=195) |  |   |  |  |
|  | 6.4 | S1-241042 | Huawei Technologies France | removing duplicated reference to TS22.369 (Ambient IoT) in TS 22.261 | CR | [**22.369**](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=4232) | 0004 |   | D | 19.1.0 | [**Rel-19**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=194) | [**AmbientIoT**](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=1020030) |   |  | withdrawn |
|  | 6.4 | [**S1-241043**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241043.zip) | Huawei | removing duplicated reference to TS22.369 (Ambient IoT) in TS 22.261 | CR | [**22.261**](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3107) | 0785 |   | D | 19.6.0 | [**Rel-19**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=194) | [**AmbientIoT**](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=1020030) |   |  |  |
|  | 8 | [**S1-241044**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241044.zip) | Intel Corporation | Intel's views on 6G use cases and SID organization | discussion |  |   |   |   |   | [**Rel-20**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=195) |  |   |  |  |
|  | 8 | [**S1-241045**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241045.zip) | ZTE Corporation | Views on 6G Use Cases and SA1 Study Plan | discussion |  |   |   |   |   |  |  |   |  |  |
|  | 8 | [**S1-241046**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241046.zip) | LG Electronics Inc. | LGE's Views on SA1 6G Study | discussion |  |   |   |   |   |  |  |   |  |  |
|  | 6.3 | [**S1-241047**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241047.zip) | Nokia | Correction of reference to IEEE Std 1588-2019 | CR | [**22.104**](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3528) | 0099 |   | F | 18.3.0 | [**Rel-18**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=193) | [**SEI**](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=920032) |   |  |  |
|  | 6.1 | [**S1-241048**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241048.zip) | Nokia | Correction of reference to IEEE Std 1588-2019 | CR | [**22.104**](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3528) | 0100 |   | F | 19.1.0 | [**Rel-19**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=194) | [**SEI**](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=920032) |   |  |  |
|  | 7.2 | [**S1-241049**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241049.zip) | MediaTek Germany GmbH | Use Case on ECO Indication of Communication Service | pCR | [**22.883**](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=4308) |   |   |   | 0.0.0 | [**Rel-20**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=195) | [**FS\_EnergyServ\_Ph2**](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=1030044) | This is the new use case supporting ECO indication for EnergyServ Phase 2. |  |  |
|  | 8 | [**S1-241050**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241050.zip) | MediaTek Germany GmbH | MediaTek's Views on SA1 Rel-20 Part 2 study | discussion |  |   |   |   |   |  |  | This is the MediaTek's discussion paper for SA1 Rel-20 Part 2.  |  |  |
|  | 6.2 | [**S1-241051**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241051.zip) | vivo | Clean-up of PIN requirements | CR | [**22.261**](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3107) | 0786 |   | F | 18.13.0 | [**Rel-18**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=193) | [**PIRates**](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=930029) |   |  |  |
|  | 6.2 | [**S1-241052**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241052.zip) | vivo | Discussion on Rel-18 PIN requirements clean-up | discussion |  |   |   |   |   |  |  |   |  |  |
|  | 8 | S1-241053 | ISSDU | Enable Quantum-Safe Cryptography for 6G | discussion |  |   |   |   |   |  |  |   |  | withdrawn |
|  | 8 | S1-241054 | ISSDU, III, NYCU | Enable Quantum-Safe Cryptography for 6G | discussion |  |   |   |   |   |  |  |   |  | withdrawn |
|  | 8 | [**S1-241055**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241055.zip) | vivo | vivo views on 6G use cases and SA1 study | discussion |  |   |   |   |   |  |  |   |  |  |
|  | 7.3 | S1-241056 | ISSDU, III | Pseudo-CR on New use case on Resilient Satellite Communication with Isolated Operation Mode for Public Safety | pCR | [**22.887**](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=4309) |   |   |   | 0.0.0 | [**Rel-20**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=195) | [**FS\_5GSAT\_Ph4**](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=1030042) |   |  | withdrawn |
|  | 7.3 | S1-241057 | ISSDU | Pseudo-CR on New use case on Emergency Warning Broadcast Services over Satellite with Emergency Uplink Services | pCR | [**22.887**](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=4309) |   |   |   | 0.0.0 | [**Rel-20**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=195) | [**FS\_5GSAT\_Ph4**](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=1030042) |   |  | withdrawn |
|  | 7.3 | S1-241058 | ISSDU, III | Pseudo-CR on New use case on Emergency Warning Broadcast Services over Satellite with Emergency Uplink Services | pCR | [**22.887**](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=4309) |   |   |   | 0.0.0 | [**Rel-20**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=195) | [**FS\_5GSAT\_Ph4**](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=1030042) |   |  | withdrawn |
|  | 8 | [**S1-241059**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241059.zip) | ISSDU, III, NYCU | Enable Quantum-Safe Cryptography for 6G | discussion |  |   |   |   |   |  |  |   |  |  |
|  | 7.3 | [**S1-241060**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241060.zip) | ISSDU, III | Pseudo-CR on New use case on Resilient Satellite Communication with Isolated Operation Mode for Public Safety | pCR | [**22.887**](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=4309) |   |   |   | 0.0.0 | [**Rel-20**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=195) | [**FS\_5GSAT\_Ph4**](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=1030042) |   |  |  |
|  | 7.3 | [**S1-241061**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241061.zip) | ISSDU, III | Pseudo-CR on New use case on Emergency Warning Broadcast Services over Satellite with Emergency Uplink Services | pCR | [**22.887**](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=4309) |   |   |   | 0.0.0 | [**Rel-20**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=195) | [**FS\_5GSAT\_Ph4**](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=1030042) |   |  |  |
|  | 6.1 | [**S1-241062**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241062.zip) | InterDigital | Re-introduction of non-implemented UIA charging requirements | CR | [**22.115**](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=608) | 0109 |   | F | 18.1.0 | [**Rel-19**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=194) | [**UIA**](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=800012) |   |  |  |
|  | 6.1 | [**S1-241063**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241063.zip) | InterDigital | Re-introduction of non-implemented UIA requirements | CR | [**22.101**](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=605) | 0593 |   | F | 18.6.0 | [**Rel-19**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=194) | [**UIA**](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=800012) |   |  |  |
|  | 4 | [**S1-241064**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241064.zip) | Xiaomi | Integrated Sensing and Communication Phase 2 | discussion |  |   |   |   |   |  |  |   |  |  |
|  | 4 | [**S1-241065**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241065.zip) | Xiaomi | New SID on Study on Integrated Sensing and Communication Phase 2 | SID new |  |   |   |   |   |  |  |   |  |  |
|  | 7.2 | [**S1-241066**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241066.zip) | Nokia | pCR on TR 22.883 cleanup | pCR | [**22.883**](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=4308) |   |   |   | 0.0.0 | [**Rel-20**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=195) | [**FS\_EnergyServ\_Ph2**](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=1030044) |   |  |  |
|  | 8 | [**S1-241067**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241067.zip) | Ericsson Telecomunicazioni SpA | 6G Company view Ericsson | discussion |  |   |   |   |   | [**Rel-20**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=195) |  | Company view of 6G work |  |  |
|  | 8 | S1-241068 | Reliance Jio | Reliance Jio Views on 6G | discussion |  |   |   |   |   | [**Rel-20**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=195) |  | Reliance Jio Views on 6G |  | reserved |
|  | 8 | [**S1-241069**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241069.zip) | Bosch, Siemens, Continental, GE Aerospace, Fraunhofer IIS, NICT | Vertical’s view on 6G: 3GPP Subnetworks | discussion |  |   |   |   |   | [**Rel-20**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=195) |  |   |  | **withdrawn** |
|  | 8 | [**S1-241070**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241070.zip) | Orange | 6G Company view - Orange | discussion |  |   |   |   |   | [**Rel-20**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=195) |  | The document presents Orange’s views on 2030-2040 use cases. |  |  |
|  | 7.3 | [**S1-241071**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241071.zip) | vivo | Discussion paper on New use case on IMS voice call using GEO satellite access | pCR | [**22.887**](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=4309) |   |   |   | 0.0.0 | [**Rel-20**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=195) | [**FS\_5GSAT\_Ph4**](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=1030042) | IMS voice call using GEO satellite access use case is proposed, with potential requirements and KPIs |  |  |
|  | 7.3 | [**S1-241072**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241072.zip) | vivo | Pseudo-CR on New use case on IMS voice call using GEO satellite access | discussion | [**22.887**](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=4309) |   |   |   |   | [**Rel-20**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=195) |  | Gap analkysis and proposals for IMS voice call using GEO satellite access |  |  |
|  | 3 | [**S1-241073**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241073.zip) | QUALCOMM  | Reply LS on DualSteer NW selection | LS out |  |   |   |   |   | [**Rel-19**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=194) |  |   |  |  |
|  | 3 | [**S1-241074**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241074.zip) | QUALCOMM | 22.261 CR on DualSteer NW selection | CR | [**22.261**](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3107) | 0787 |   | F | 19.6.0 | [**Rel-19**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=194) | [**DualSteer**](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=1020031) |   |  |  |
|  | 3 | [**S1-241075**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241075.zip) | QUALCOMM | 22.011 CR on DualSteer NW selection | CR | [**22.011**](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=566) | 0360 |   | F | 19.3.0 | [**Rel-19**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=194) | [**DualSteer**](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=1020031) |   |  |  |
|  | 4 | [**S1-241076**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241076.zip) | QUALCOMM  | Supplemental NW extension - Overview | other |  |   |   |   |   | [**Rel-20**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=195) |  |   |  |  |
|  | 4 | [**S1-241077**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241077.zip) | QUALCOMM  | New SID on Supplemental NW extension | SID new |  |   |   |   |   | [**Rel-20**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=195) |  |   |  |  |
|  | 6.2 | [**S1-241078**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241078.zip) | QUALCOMM | Discussion on Rel-18 VMR requirements clean-up | other |  |   |   |   |   | [**Rel-18**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=193) | [**VMR**](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=930021) |   |  |  |
|  | 6.2 | [**S1-241079**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241079.zip) | QUALCOMM | CR for Clean-up of Rel-18 VMR Requirements | CR | [**22.261**](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3107) | 0788 |   | F | 18.13.0 | [**Rel-18**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=193) | [**VMR**](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=930021) |   |  |  |
|  | 3 | [**S1-241080**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241080.zip) | Huawei | Clarification on mobile metaverse services | discussion |  |   |   |   |   | [**Rel-19**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=194) |  |   |  |  |
|  | 3 | [**S1-241081**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241081.zip) | Huawei | Reply LS on clarification on mobile metaverse services | LS out |  |   |   |   |   | [**Rel-19**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=194) |  |   |  |  |
|  | 7.3 | [**S1-241082**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241082.zip) | EchoStar | 5G system with satellite access to support Robust Notifictaion Alert | discussion |  |   |   |   |   | [**Rel-20**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=195) |  |   |  |  |
|  | 8 | [**S1-241083**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241083.zip) | Futurewei Technologies | SA1 release 20 6G study consideration  | discussion |  |   |   |   |   | [**Rel-20**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=195) |  | Futurewei's view on release 20 6G study  |  |  |
|  | 4 | [**S1-241084**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241084.zip) | Deutsche Telekom | New SID on Additional Registration to a Network | SID new |  |   |   |   |   | [**Rel-20**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=195) |  | If the R19 CR in S1-241075 is agreed this SID proposal can be noted, as a big part of requirements is then already solved in R19. We will come back with a miniWID in a later meeting to resolve the remaining issues about PALS and slicing. If S1-241075 is not agreed we propose to proceed with this SID. |  |  |
|  | 4 | [**S1-241085**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241085.zip) | Deutsche Telekom | Use Case for additional registration to a network | other |  |   |   |   |   |  | [**DUMMY**](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=699999) |   |  |  |
|  | 4 | [**S1-241086**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241086.zip) | Deutsche Telekom | DP on SID additional registration to a network | discussion |  |   |   |   |   | [**Rel-20**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=195) |  |   |  |  |
|  | 8 | [**S1-241087**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241087.zip) | QUALCOMM Europe Inc. - Spain | QUALCOMM 6G PRESENTATION | discussion |  |   |   |   |   |  |  |   |  |  |
|  | 6.3 | [**S1-241088**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241088.zip) | QUALCOMM Europe Inc. - Spain | Clean-up of Rel-18 PALS Requirements  | discussion | [**22.261**](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3107) |   |   |   |   | [**Rel-18**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=193) |  |   |  |  |
|  | 8 | [**S1-241089**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241089.zip) | CableLabs | CableLabs Views on 6G use cases and SA1 study | discussion |  |   |   |   |   |  |  | 6G use cases and views on SA1 study process by Cable Labs |  |  |
|  | 3 | [**S1-241090**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241090.zip) | MediaTek Inc. | Reply LS on traffic steering and/or switching of user data across two 3GPP access networks | LS out |  |   |   |   |   | [**Rel-19**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=194) |  |   |  |  |
|  | 6.2 | [**S1-241091**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241091.zip) | QUALCOMM, Futurewei | CR for Rel-18 PALS Requirements Clean-up | CR | [**22.261**](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3107) | 0789 |   | F | 18.13.0 | [**Rel-18**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=193) | [**PALS**](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=920031) |   |  |  |
|  | 8 | [**S1-241092**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241092.zip) | NTT DOCOMO, Rakuten Mobile, SoftBank, KDDI | Challenge for zero outage network | discussion |  |   |   |   |   | [**Rel-20**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=195) |  |   |  |  |
|  | 8 | [**S1-241093**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241093.zip) | KT Corp. | KT's perspectives on 6G use cases | discussion |  |   |   |   |   | [**Rel-20**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=195) |  | This contribution discusses 6G use cases and how to proceed with SI in SA1. |  |  |
|  | 10.1 | [**S1-241094**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241094.zip) | KT Corp. | Considerations to address key societal values of 6G in SA1 | discussion |  |   |   |   |   | [**Rel-20**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=195) |  | This contribution is for discussion on how to capture KV/KVI of 6G in SA1. |  |  |
|  | 8 | [**S1-241095**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241095.zip) | Rakuten Mobile, Inc | Rakuten Mobile’s view on 6G Use cases | discussion |  |   |   |   |   | [**Rel-20**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=195) |  |   |  |  |
|  | 8 | [**S1-241096**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241096.zip) | NTT DOCOMO, SK Telecom, Intel | Discussion on computing network convergence in 3GPP system | discussion |  |   |   |   |   | [**Rel-20**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=195) |  |   |  |  |
|  | 4 | [**S1-241097**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241097.zip) | China Unicom, China Telecom | New SID: Study on Multi-network Interoperability Enhancement | SID new |  |   |   |   |   | [**Rel-20**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=195) |  | Study use cases and derive potential requirements to enable a 5GC/SA network to provide 5G services to a subscriber of home network supporting only EPC/NSA networks. |  |  |
|  | 6.2 | [**S1-241098**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241098.zip) | Huawei | Discussion on Rel-18 VMR requirements for satellite access | discussion | [**22.261**](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3107) |   |   |   |   | [**Rel-18**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=193) |  |   |  |  |
|  | 4 | [**S1-241099**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241099.zip) | China Unicom | Discussion on Study on Multi-network Interoperability Enhancement | discussion |  |   |   |   |   | [**Rel-20**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=195) |  | Discussion paper of S1-241097 |  |  |
|  | 8 | [**S1-241100**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241100.zip) | LG Electronics Inc. | Discussion on SA1 6G Study with focus on Internet of Smart and Collaborative Physical Systems | discussion |  |   |   |   |   |  |  |   |  |  |
|  | 8 | [**S1-241101**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241101.zip) | SKY Perfect JSAT Corporation | JSAT's view on 6G NTN | discussion |  |   |   |   |   | [**Rel-20**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=195) |  |   |  |  |
|  | 6.2 | [**S1-241102**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241102.zip) | LG Electronics | Discussion on Rel-18 EASNS requirements  | discussion | [**22.261**](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3107) |   |   |   |   | [**Rel-18**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=193) | [**EASNS**](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=910032) | This contribution analizes Stage 2 implementations for Release 18 EASNS requiremnts. |  |  |
|  | 7.2 | [**S1-241103**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241103.zip) | LG Electronics | New use case “Energy grade information exposure” | pCR | [**22.883**](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=4308) |   |   |   | 0.0.0 | [**Rel-20**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=195) | [**FS\_EnergyServ\_Ph2**](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=1030044) | This contribution describes the use case for FS\_EnergyServ\_Ph2 |  |  |
|  | 8 | [**S1-241104**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241104.zip) | NICT | NICT's View on Advanced PNT Service and Seamless and Robust Communication Service | discussion |  |   |   |   |   |  |  |   |  |  |
|  | 8 | [**S1-241105**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241105.zip) | NICT | Study on Advanced positioning and timing service | discussion |  |   |   |   |   |  |  | Draft proposal of SID relating to S1-241104 |  |  |
|  | 4 | [**S1-241106**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241106.zip) | ZTE, CEPRI, China Unicom, China Telecom, CMCC, vivo, AsianInfo | New SID on Study on Enhanced Group Communication Service | SID new |  |   |   |   |   |  |  |   |  |  |
|  | 4 | [**S1-241107**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241107.zip) | ZTE | Discussion paper on Enhanced Group Communication Service | discussion |  |   |   |   |   |  |  |   |  |  |
|  | 8 | [**S1-241108**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241108.zip) | NICT | Study on Seamless and robust communication service | discussion |  |   |   |   |   |  |  | Draft proposal of SID relating to S1-241104 |  |  |
|  | 10.1 | [**S1-241109**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241109.zip) | NTT DOCOMO INC.. | NTT DOCOMO’s consideration on Key value | discussion |  |   |   |   |   | [**Rel-20**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=195) |  |   |  |  |
|  | 7.3 | [**S1-241110**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241110.zip) | China Telecomunication Corp. | UC on IMS voice services using GEO satellite access | pCR | [**22.887**](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=4309) |   |   |   | 0.0.0 | [**Rel-20**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=195) | [**FS\_5GSAT\_Ph4**](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=1030042) |   |  |  |
|  | 7.3 | [**S1-241111**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241111.zip) | China Telecomunication Corp. | UC on traffic over different orbit satellites | pCR | [**22.887**](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=4309) |   |   |   | 0.0.0 | [**Rel-20**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=195) | [**FS\_5GSAT\_Ph4**](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=1030042) |   |  |  |
|  | 7.3 | S1-241112 | ETRI, Nokia | Use case on service continuity through multi-orbit satellite access | pCR | [**22.887**](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=4309) |   |   |   | 0.0.0 | [**Rel-20**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=195) | [**FS\_5GSAT\_Ph4**](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=1030042) | This document proposes a use case on service continuity through multi-orbit satellite access and potential requirements for TR22.887 v0.0.0 (FS\_5GSAT\_ph4). |  | Revised to S1-241133 |
|  | 7.3 | S1-241113 | ETRI | Use case on UE-Satellite-UE Communications using multi-orbit satellites | pCR | [**22.887**](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=4309) |   |   |   | 0.0.0 | [**Rel-20**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=195) | [**FS\_5GSAT\_Ph4**](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=1030042) | This document proposes a use case on UE-Satellite-UE Communications using multi-orbit satellites and potential requirements for TR22.887 v0.0.0 (FS\_5GSAT\_ph4). |  | withdrawn |
|  | 7.3 | [**S1-241114**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241114.zip) | China Mobile Com. Corporation | New use case on multi-orbit satellite access for multiple services | pCR | [**22.887**](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=4309) |   |   |   | 0.0.0 | [**Rel-20**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=195) | [**FS\_5GSAT\_Ph4**](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=1030042) | New use case on multi-orbit satellite access for multiple services |  |  |
|  | 8 | [**S1-241115**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241115.zip) | Spreadtrum Communications, SGITG | Initial Views on 6G Use Cases and Features | discussion |  |   |   |   |   | [**Rel-20**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=195) |  | Spreadtrum's initial Views on 6G Use Cases and Features |  |  |
|  | 6.3 | [**S1-241116**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241116.zip) | Ericsson, Qualcomm | Location services user plane protocol and 3GPP PS data off | CR | [**22.011**](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=566) | 0361 |   | F | 18.5.0 | [**Rel-18**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=193) | [**TEI18**](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=920042) | In order for positioning to work while roaming, the HPLMN operator must be able to configure the location services user plane protocol (LCS-UPP), thus this must be part of the 3GPP PS data off exempt services |  |  |
|  | 4 | [**S1-241117**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241117.zip) | China Mobile (Suzhou) Software | DP on Integrated Sensing and Communication phase 2 | discussion |  |   |   |   |   | [**Rel-20**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=195) |  |   |  |  |
|  | 7.3 | [**S1-241118**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241118.zip) | China Mobile (Suzhou) Software | pCR on use case on emergency communication using satellite access | pCR | [**22.887**](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=4309) |   |   |   | 0.0.0 | [**Rel-20**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=195) | [**FS\_5GSAT\_Ph4**](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=1030042) |   |  |  |
|  | 8 | [**S1-241119**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241119.zip) | OPPO | OPPO view towards SA1 6G | discussion |  |   |   |   |   | [**Rel-20**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=195) |  | OPPO view towards SA1 6G |  |  |
|  | 8 | [**S1-241120**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241120.zip) | OPPO | New SID proposal on Study on native AI based on 6G computation network | discussion |  |   |   |   |   | [**Rel-20**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=195) |  | For discussion: New SID proposal on Study on native AI based on 6G computation network.  |  |  |
|  | 10.2 | [**S1-241121**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241121.zip) | Nokia | Lessons learnt from 5G study: Coordination with RAN study | discussion |  |   |   |   |   | [**Rel-20**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=195) |  |   |  |  |
|  | 8 | [**S1-241122**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241122.zip) | Nokia | Study on Coordination of Network and Compute for 6G | discussion |  |   |   |   |   | [**Rel-20**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=195) |  |   |  |  |
|  | 6.1 | [**S1-241123**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241123.zip) | OPPO | TS22.261\_CR\_AIoT\_Update the description of Ambient IoT | CR | [**22.261**](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3107) | 0790 |   | F | 19.6.0 | [**Rel-19**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=194) | [**AmbientIoT**](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=1020055) | Put the definition of AIoT into TS22.369, and this spec (TS22.261) just refers to the definition in TS22.369. |  |  |
|  | 6.1 | [**S1-241124**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241124.zip) | OPPO | TS22.369\_CR \_AIoT\_Adding the descirption of terms | CR | [**22.369**](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=4232) | 0005 |   | F | 19.1.0 | [**Rel-19**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=194) | [**AmbientIoT**](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=1020055) | Adding the desciprtion of relevant terms in TS22.369. TS22.261 refers to the definition. |  |  |
|  | 8 | [**S1-241125**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241125.zip) | China Unicom | China Unicom 6G VISION | discussion |  |   |   |   |   | [**Rel-20**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=195) |  | China Unicom 6G overview, use cases and considerations. Contributions for R20 6G work. |  |  |
|  | 3 | [**S1-241126**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241126.zip) | OPPO | Reply to LS on traffic steering and/or switching of user data across two 3GPP access networks | LS out |  |   |   |   |   | [**Rel-19**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=194) |  | Answer the question from SA2 |  |  |
|  | 4 | [**S1-241127**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241127.zip) | China Unicom | Motivation for Enhancement to 5G Residence | discussion |  |   |   |   |   | [**Rel-20**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=195) |  | This is the second round discussion of eResident, where DP serves the SID of eResident, mainly updating the differences with existing technologies and further clarifying the motivations. |  |  |
|  | 7.2 | [**S1-241128**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241128.zip) | China Mobile | New use case on supporting information exposure and service adjustment based on energy supply mix | pCR | [**22.883**](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=4308) |   |   |   | 0.0.0 | [**Rel-20**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=195) | [**FS\_EnergyServ\_Ph2**](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=1030044) |   |  |  |
|  | 7.2 | [**S1-241129**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241129.zip) | China Mobile | New use case on supporting dynamic adjustment of sensing service for energy efficiency | pCR | [**22.883**](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=4308) |   |   |   | 0.0.0 | [**Rel-20**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=195) | [**FS\_EnergyServ\_Ph2**](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=1030044) |   |  |  |
|  | 7.3 | [**S1-241130**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241130.zip) | China Mobile | New use case on multi-orbits access supporting different services | pCR | [**22.887**](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=4309) |   |   |   | 0.0.0 | [**Rel-20**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=195) | [**FS\_5GSAT\_Ph4**](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=1030042) |   |  |  |
|  | 7.3 | [**S1-241131**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241131.zip) | China Mobile | New use case on supporting remote sensing in satellite | pCR | [**22.887**](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=4309) |   |   |   | 0.0.0 | [**Rel-20**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=195) | [**FS\_5GSAT\_Ph4**](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=1030042) |   |  |  |
|  | 8 | [**S1-241132**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241132.zip) | China Mobile, LG Uplus, Toyota, OPPO, vivo, CATT, Asia Info | New SID on 6G Services | discussion |  |   |   |   |   | [**Rel-20**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=195) |  |   |  |  |
| r | 7.3 | [**S1-241133**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241133.zip) | ETRI, Nokia | Use case on service continuity through multi-orbit satellite access | pCR | [**22.887**](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=4309) |   |   |   | 0.0.0 | [**Rel-20**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=195) | [**FS\_5GSAT\_Ph4**](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=1030042) | Replaces S1-241112 |  |  |
|  | 7.2 | [**S1-241134**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241134.zip) | vivo | New use case on energy saving service for UE | pCR | [**22.883**](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=4308) |   |   |   | 0.0.0 | [**Rel-20**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=195) | [**FS\_EnergyServ\_Ph2**](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=1030044) |   |  |  |
|  | 7.2 | [**S1-241135**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241135.zip) | ZTE Corporation | New use case on energy sources information used for network node selection | pCR | [**22.883**](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=4308) |   |   |   | 0.0.0 | [**Rel-20**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=195) | [**FS\_EnergyServ\_Ph2**](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=1030044) |   |  |  |
|  | 7.2 | [**S1-241136**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241136.zip) | Rakuten Mobile, Inc | pCR on new use case on Renewable Energy Status Notification | pCR | [**22.883**](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=4308) |   |   |   | 0.0.0 | [**Rel-20**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=195) | [**FS\_EnergyServ\_Ph2**](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=1030044) | This pCR introduces a new use case on Renewable Energy Status Notification |  |  |
|  | 4 | [**S1-241137**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241137.zip) | China Unicom, Rakuten Mobile, SK Telecom, LG Uplus, CATT, China Telecom, OPPO, Xiaomi, Novamint | New Study on NetShare phase 2 | SID new |  |   |   |   |   | [**Rel-20**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=195) |  | This is the third NetShare discussion. the SID scope was updated based on the conclusions of the second meeting and offline discussion before the meeting. Motivation was clarified. |  |  |
|  | 7.2 | [**S1-241138**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241138.zip) | Rakuten Mobile, Inc | pCR on new use case on dynamic RAN selection based on satellite energy availability | pCR | [**22.883**](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=4308) |   |   |   | 0.0.0 | [**Rel-20**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=195) | [**FS\_EnergyServ\_Ph2**](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=1030044) | This pCR introduces a new use case on dynamic RAN selection based on satellite energy availability |  |  |
|  | 7.2 | [**S1-241139**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241139.zip) | Rakuten Mobile, Inc | pCR on new case on network supporting UE energy saving requirement | pCR | [**22.883**](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=4308) |   |   |   | 0.0.0 | [**Rel-20**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=195) | [**FS\_EnergyServ\_Ph2**](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=1030044) | This pCR introduces a new use case on network supporting UE energy saving requirement |  |  |
|  | 7.2 | [**S1-241140**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241140.zip) | IIT Bombay | Provisioning of energy aware security in the network  | pCR | [**22.883**](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=4308) |   |   |   | 0.0.0 | [**Rel-20**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=195) | [**FS\_EnergyServ\_Ph2**](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=1030044) | This document proposes a use case along with requirements to be considered for FS\_EnergyServ\_Ph2 in TR 22.883 |  |  |
|  | 7.3 | [**S1-241141**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241141.zip) | IIT Bombay | Support for Mobile base station relays (MBSRs) through multi-orbit satellite networks | pCR | [**22.887**](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=4309) |   |   |   | 0.0.0 | [**Rel-20**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=195) | [**FS\_5GSAT\_Ph4**](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=1030042) | This document proposes a use case along with requirements to be considered for FS\_5GSAT\_Ph4 in TR 22.887 |  |  |
|  | 4 | [**S1-241142**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241142.zip) | China Unicom | Progress of NetShare phase 2 | discussion |  |   |   |   |   | [**Rel-20**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=195) |  | This is a discussion paper for the NetShare phase2 SID. The document describes the progress of the NetShare discussions, the main issues and the way forward. |  |  |
|  | 7.2 | [**S1-241143**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241143.zip) | IIT Bombay | Dynamic service adjustment support based on energy information  | pCR | [**22.883**](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=4308) |   |   |   | 0.0.0 | [**Rel-20**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=195) | [**FS\_EnergyServ\_Ph2**](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=1030044) | This document proposes a use case along with requirements to be considered for FS\_EnergyServ\_Ph2 in TR 22.883 |  |  |
|  | 10.1 | [**S1-241144**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241144.zip) | IIT Bombay | Study of some prospective KVs and their relationship with KPIs | discussion |  |   |   |   |   |  |  |   |  |  |
|  | 4 | [**S1-241145**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241145.zip) | Nokia, Nokia Shanghai Bell, Telefonica, China Mobile, Huawei, Qualcomm, Samsung, Ericsson, Vodafone, Telecom Italia, LG Uplus | New SID: Study on user interaction in the IMS | SID new |  |   |   |   |   | [**Rel-20**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=195) |  |   |  |  |
|  | 4 | [**S1-241146**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241146.zip) | Nokia, Nokia Shanghai Bell, Telefonica, China Mobile, Huawei, Qualcomm, Samsung, Ericsson, Vodafone, Telecom Italia, LG Uplus | Motivations for new SID on User interaction in IMS | discussion |  |   |   |   |   | [**Rel-20**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=195) |  |   |  |  |
|  | 8 | [**S1-241147**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241147.zip) | Xiaomi EV Technology | Views on 3GPP Stage 1 6G work | discussion |  |   |   |   |   | [**Rel-20**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=195) |  | Views on 3GPP Stage 1 6G work |  |  |
|  | 10.1 | [**S1-241148**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241148.zip) | Beijing Xiaomi Electronics | Three Pillars, KVs and KVIs | discussion |  |   |   |   |   | [**Rel-20**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=195) |  | This document provides input to the discussion on KVs and KVIs |  |  |
|  | 8 | [**S1-241149**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241149.zip) | IIT Bombay | Few Ideas on 6G | discussion |  |   |   |   |   |  |  | This presentation includes discussion on the following two topics towards 6G:Topic 1: Handling of diverse services and massive connectivityTopic 2: Meaningful connectivity: A (sub)-network for all |  |  |
|  | 7.3 | [**S1-241150**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241150.zip) | IIT Bombay | Switching between multi-orbits satellite networks in defence applications | pCR | [**22.887**](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=4309) |   |   |   | 0.0.0 | [**Rel-20**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=195) | [**FS\_5GSAT\_Ph4**](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=1030042) | This document proposes a use case along with requirements to be considered for FS\_5GSAT\_Ph4 in TR 22.887 |  |  |
|  | 7.3 | [**S1-241151**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241151.zip) | NOVAMINT | TR skeleton for TR22887 - FS\_5GSAT\_Ph4 | other |  |   |   |   |   | [**Rel-20**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=195) |  |   |  |  |
|  | 4 | [**S1-241152**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241152.zip) | Huawei, China Unicom | Pseudo-CR on use case of secured home care | discussion |  |   |   |   |   | [**Rel-20**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=195) |  |   |  |  |
|  | 3 | [**S1-241153**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241153.zip) | CATT | Reply LS on traffic steering andor switching of user data across two 3GPP access networks | LS out |  |   |   |   |   | [**Rel-19**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=194) |  |   |  |  |
|  | 3 | [**S1-241154**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241154.zip) | CATT | Reply LS on affirming CT1's responsibilities for PLMN selection | LS out |  |   |   |   |   | [**Rel-19**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=194) |  |   |  |  |
|  | 7.3 | [**S1-241155**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241155.zip) | CATT | Use case on assisting vehicular communications via multi-orbits satellite access | pCR | [**22.887**](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=4309) |   |   |   | 0.0.0 | [**Rel-20**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=195) | [**FS\_5GSAT\_Ph4**](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=1030042) |   |  |  |
|  | 4 | [**S1-241156**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241156.zip) | CATT | Study on Collabration of dual 3GPP access | SID new |  |   |   |   |   | [**Rel-20**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=195) |  |   |  |  |
|  | 4 | [**S1-241157**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241157.zip) | CATT | Discussion on Collabration of dual 3GPP access | discussion |  |   |   |   |   | [**Rel-20**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=195) |  |   |  |  |
|  | 8 | [**S1-241158**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241158.zip) | CATT | Considerations on Rel-20 Part2 Study | discussion |  |   |   |   |   | [**Rel-20**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=195) |  |   |  |  |
|  | 7.2 | [**S1-241159**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241159.zip) | NTT DOCOMO | p-CR on new use case on network supporting energy saving for battery-powered base station | pCR | [**22.883**](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=4308) |   |   |   | 0.0.0 | [**Rel-20**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=195) | [**FS\_EnergyServ\_Ph2**](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=1030044) |   |  |  |
|  | 10.1 | [**S1-241160**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241160.zip) | Ericsson  | Key values for SA1 | discussion |  |   |   |   |   | [**Rel-20**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=195) |  |   |  |  |
|  | 7.3 | [**S1-241161**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241161.zip) | SES S.A., NOVAMINT, ESA | new use case on Reliable Multicast in Joint TN/NTN deployments | discussion | [**22.887**](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=4309) |   |   |   |   | [**Rel-20**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=195) |  |   |  |  |
|  | 7 | S1-241162 | NEC | Motivation for the New Study on Enhancement of Upper Layer Traffic Steering and Switching over two 3GPP Access Networks | discussion |  |   |   |   |   | [**Rel-20**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=195) |  |   |  | reserved |
|  | 7.3 | [**S1-241163**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241163.zip) | SES S.A., NOVAMINT, ESA | new use case on Enhanced Support for SIM-Card Less Broadcast Services with Satellite Access System | discussion | [**22.887**](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=4309) |   |   |   |   | [**Rel-20**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=195) |  |   |  |  |
|  | 7 | S1-241164 | NEC | New Study on Enhancement of Upper Layer Traffic Steering and Switching over two 3GPP Access Networks | SID new |  |   |   |   |   | [**Rel-20**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=195) |  |   |  | reserved |
|  | 7.2 | [**S1-241165**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241165.zip) | TNO, KPN | Carbon Certificates as a Service | pCR | [**22.883**](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=4308) |   |   |   | 0.0.0 | [**Rel-20**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=195) | [**FS\_EnergyServ\_Ph2**](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=1030044) |   |  |  |
|  | 7.2 | [**S1-241166**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241166.zip) | TNO, KPN | Carbon Certificates as a Service | pCR | [**22.883**](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=4308) |   |   |   | 0.0.0 | [**Rel-20**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=195) | [**FS\_EnergyServ\_Ph2**](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=1030044) |   |  |  |
|  | 8 | [**S1-241167**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241167.zip) | KPN | KPN view on 6G | other |  |   |   |   |   | [**Rel-20**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=195) |  |   |  |  |
|  | 10.2 | [**S1-241168**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241168.zip) | Nokia | Lessons learnt from 5G study: Coordination with SA2 study | discussion |  |   |   |   |   |  |  |   |  |  |
|  | 7.3 | [**S1-241169**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241169.zip) | Samsung | Network selection for satellite access | pCR | [**22.887**](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=4309) |   |   |   | 0.0.0 | [**Rel-20**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=195) | [**FS\_5GSAT\_Ph4**](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=1030042) |   |  |  |
|  | 6.1 | [**S1-241170**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241170.zip) | Huawei | Removal of trademark and product name from Sensing TR | CR | [**22.837**](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=4044) | 0022 |   | D | 19.3.0 | [**Rel-19**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=194) | [**FS\_Sensing**](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=950003) |   |  |  |
|  | 8 | [**S1-241171**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241171.zip) | DSIT | UK Government View: 6G | discussion |  |   |   |   |   | [**Rel-20**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=195) |  | Presentation of UK Government views/priorities for 6G, presented by DSIT |  |  |
|  | 6.1 | [**S1-241172**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241172.zip) | Huawei | Addition of a NOTE regarding requirement on Service Enablement Layer | CR | [**22.125**](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3545) | 0054 |   | F | 19.1.0 | [**Rel-19**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=194) | [**UAS\_Ph3**](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=1020059) |   |  |  |
|  | 3 | [**S1-241173**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241173.zip) | Huawei  | Reply LS-traffic steering and/or switching of user data across two 3GPP access networks | LS out |  |   |   |   |   | [**Rel-19**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=194) | DualSteer, FS\_MASSS |   |  |  |
|  | 7.2 | [**S1-241174**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241174.zip) | China Telecommunications | Use case on dynamic user experience adjustment | pCR | [**22.883**](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=4308) |   |   |   | 0.0.0 | [**Rel-20**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=195) | [**FS\_EnergyServ\_Ph2**](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=1030044) |   |  |  |
|  | 6.2 | [**S1-241175**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241175.zip) | Huawei | Permanent alignment between stage 1 and stages 2/3 for UAS | CR | [**22.125**](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3545) | 0055 |   | F | 19.1.0 | [**Rel-19**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=194) | [**UAS\_Ph3**](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=1000032) |   |  |  |
|  | 4 | [**S1-241176**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241176.zip) | China Unicom, Huawei, Xiaomi, KPN, AsiaInfo, CATT, China Mobile | New SID: Study of Enhanced 5G Resident | SID new |  |   |   |   |   | [**Rel-20**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=195) |  | This is the second time eResident discussion. The title of the SID and keywords in the objective have been checked, as well as content consistency and more supporting companies. |  |  |
|  | 7.3 | [**S1-241177**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241177.zip) | vivo | Pseudo-CR on New use case on paging alert service | discussion |  |   |   |   |   |  |  | Gap analkysis and proposals for IMS voice call using GEO satellite access |  |  |
|  | 6.4 | [**S1-241178**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241178.zip) | Huawei | add the definition pointer of Ambient IoT device | CR | [**22.369**](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=4232) | 0006 |   | D | 19.1.0 | [**Rel-19**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=194) | [**AmbientIoT**](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=1020030) |   |  |  |
|  | 3 | [**S1-241179**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241179.zip) | Nokia | [DRAFT] Reply LS to request clarification on mobile metaverse services | LS out |  |   |   |   |   | [**Rel-19**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=194) | Metaverse, FS\_Metaverse\_Sec |   |  |  |
|  | 8 | [**S1-241180**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241180.zip) | InterDigital, Inc. | Interdigital 6G Vision and way forward for Rel.20 | discussion |  |   |   |   |   | [**Rel-20**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=195) |  |   |  |  |
|  | 7.2 | [**S1-241181**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241181.zip) | Nokia | pCR on New Use case on proposing incentives to users for network energy saving | pCR | [**22.883**](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=4308) |   |   |   | 0.0.0 | [**Rel-20**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=195) | [**FS\_EnergyServ\_Ph2**](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=1030044) |   |  |  |
|  | 6 | [**S1-241182**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241182.zip) | Vodafone | Monitoring of traffic in 5G | CR | [**22.261**](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3107) | 0791 |   | B | 19.6.0 | [**Rel-19**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=194) | [**DUMMY**](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=699999) |   |  |  |
|  | 4 | [**S1-241183**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241183.zip) | NOVAMINT, SES, THALES, ESA, Inmarsat, Viasat | Revised SID: Study on satellite access - Phase 4 | SID revised |  |   |   |   |   | [**Rel-20**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=195) | [**FS\_5GSAT\_Ph4**](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=1030042) |   |  |  |
|  | 8 | [**S1-241184**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241184.zip) | Sharp Corp. | Sharps view on 6G use cases | discussion |  |   |   |   |   |  |  |   |  |  |
|  | 8 | [**S1-241185**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241185.zip) | Sharp Corp. | sharp's view on 6G SI organization | discussion |  |   |   |   |   |  |  |   |  |  |
|  | 7.3 | [**S1-241186**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241186.zip) | Nokia | Use case on broadband services through multi-orbit satellite access | pCR | [**22.887**](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=4309) |   |   |   | 0.0.0 | [**Rel-20**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=195) | [**FS\_5GSAT\_Ph4**](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=1030042) |   |  |  |
|  | 4 | [**S1-241187**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241187.zip) | CableLabs | New SID on enhanced support for Multi-USIM (MUSIM) UE | SID new |  |   |   |   |   | [**Rel-20**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=195) |  |   |  |  |
|  | 4 | [**S1-241188**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241188.zip) | CableLabs | Study on enhanced support for Multi-USIM (MUSIM) UE | discussion |  |   |   |   |   | [**Rel-20**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=195) |  |   |  |  |
|  | 8 | [**S1-241189**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241189.zip) | Vodafone | Vodafone’s view on 6G | discussion |  |   |   |   |   | [**Rel-20**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=195) |  |   |  |  |
|  | 7.1 | [**S1-241190**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241190.zip) | Union Inter. Chemins de Fer | Update and Gap analysis of Transfer (Divertion) of an incoming voice communication | CR | [**22.989**](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3109) | 0031 |   | C | 19.4.0 | [**Rel-20**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=195) | [**FS\_FRMCS\_Ph6**](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=1030043) | Call divertion in Ad hoc Group calls |  |  |
|  | 7.3 | [**S1-241191**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241191.zip) | NOVAMINT (Rapporteur) | Workplan for FS\_5GSAT\_Ph4  | discussion |  |   |   |   |   | [**Rel-20**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=195) |  |   |  |  |
|  | 7.3 | [**S1-241192**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241192.zip) | Google, DISH Network | Use Case on Emergency Texting over IoT NTN | pCR | [**22.887**](https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=4309) |   |   |   | 0.0.0 | [**Rel-20**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=195) | [**FS\_5GSAT\_Ph4**](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=1030042) | This PCR proposes a new use case on Emergency texting over IoT NTN for inclusion in TR 22.887. |  |  |
|  | 8 | [**S1-241193**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241193.zip) | Siemens AG | Industrial Perspective on 6G | discussion |  |   |   |   |   |  |  | Industrial perspective on 6G by Siemens |  |  |
|  | 8 | [**S1-241194**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241194.zip) | Bosch, Siemens, Continental, GE Network Technologies, Fraunhofer IIS, NICT | Vertical’s view on 6G: 3GPP Subnetworks | discussion |  |   |   |   |   | [**Rel-20**](https://portal.3gpp.org/desktopmodules/Release/ReleaseDetails.aspx?releaseId=195) |  |   |  |  |
|  | 8 | [**S1-241195**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241195.zip) | NOVAMINT | Novamint view’s on 6G – A global perspective | discussion |  |   |   |   |   |  |  |   |  |  |
|  | 3 | [**S1-241196**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241196.zip) | AECC\_3GPP\_LS\_Mar2024 | LS on Updated AECC Publications for Future Connected Vehicle Services | LS in |  |   |   |   |   |  |  | CC: |  |  |
|  | 3 | [**S1-241197**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241197.zip) | C1-242955 | LS affirming CT1's responsibilities for PLMN selection | LS in |  |   |   |   |   |  |  | TO: |  |  |
|  | 3 | [**S1-241198**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241198.zip) | C3-241567 | Reply LS on Support of interworking between SA4 RTC and IMS | LS in |  |   |   |   |   |  |  | CC: |  |  |
|  | 3 | [**S1-241199**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241199.zip) | C4-241522 | Reply LS on the Modified PRINS solution | LS in |  |   |   |   |   |  |  | CC: |  |  |
|  | 3 | [**S1-241200**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241200.zip) | LIAISE-654\_MTFWA | Multi-Tenant FWA | LS in |  |   |   |   |   |  |  | TO: |  |  |
|  | 3 | [**S1-241201**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241201.zip) | ls41-attach-FGMV-O-235 | LS on vocabulary for metaverse | LS in |  |   |   |   |   |  |  | TO: |  |  |
|  | 3 | [**S1-241202**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241202.zip) | R3-241183 | Reply LS on the progress update of AI/ML Management specifications in SA5 | LS in |  |   |   |   |   |  |  | CC: |  |  |
|  | 3 | [**S1-241203**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241203.zip) | R3-241204 | Reply LS on the service requirement of restricting satellite access RAT type | LS in |  |   |   |   |   |  |  | CC: |  |  |
|  | 3 | [**S1-241204**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241204.zip) | S2-2403444 | LS Reply to SA5 on LS on new definitions of energy efficiency and energy consumption | LS in |  |   |   |   |   |  |  | CC: |  |  |
|  | 3 | [**S1-241205**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241205.zip) | S2-2403670 | LS on traffic steering and/or switching of user data across two 3GPP access networks | LS in |  |   |   |   |   |  |  | TO: |  |  |
|  | 3 | [**S1-241206**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241206.zip) | S2-2403733 | LS on per UE energy consumption in RAN | LS in |  |   |   |   |   |  |  | CC: |  |  |
|  | 3 | [**S1-241207**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241207.zip) | S2-2403843 | Reply LS on Robust Notification Alert | LS in |  |   |   |   |   |  |  | TO: |  |  |
|  | 3 | [**S1-241208**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241208.zip) | S2-2403844 | Reply LS on Support of interworking between SA4 RTC and IMS | LS in |  |   |   |   |   |  |  | CC: |  |  |
|  | 3 | [**S1-241209**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241209.zip) | S2-2403851 | Reply LS on UE Location Information for NB-IoT NTN | LS in |  |   |   |   |   |  |  | CC: |  |  |
|  | 3 | [**S1-241210**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241210.zip) | S2-2405210 | LS on 5GS missing CBC support for shared networks | LS in |  |   |   |   |   |  |  | CC: |  |  |
|  | 3 | [**S1-241211**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241211.zip) | S2-2405815 | Reply LS on data plane control by roaming hubs | LS in |  |   |   |   |   |  |  | CC: |  |  |
|  | 3 | [**S1-241212**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241212.zip) | S2-2405816 | Reply LS from SA2 on Updated AECC Publications for Future Connected Vehicle Services | LS in |  |   |   |   |   |  |  | CC: |  |  |
|  | 3 | [**S1-241213**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241213.zip) | S3-240836 | Reply LS on Ranging/SL Positioning service exposure security and privacy check | LS in |  |   |   |   |   |  |  | CC: |  |  |
|  | 3 | [**S1-241214**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241214.zip) | S3-240887 | Reply LS on Roaming Hub requirements as applicable to the Modified PRINS solution | LS in |  |   |   |   |   |  |  | CC: |  |  |
|  | 3 | [**S1-241215**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241215.zip) | S3-240888 | Reply LS on IPX Service Hub requirements as applicable to the Modified PRINS solution | LS in |  |   |   |   |   |  |  | CC: |  |  |
|  | 3 | [**S1-241216**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241216.zip) | S3-240947 | Reply LS on service authorization for/to partner MC system | LS in |  |   |   |   |   |  |  | CC: |  |  |
|  | 3 | [**S1-241217**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241217.zip) | S3-241497 | LS to request clarification on mobile metaverse services | LS in |  |   |   |   |   |  |  | TO: |  |  |
|  | 3 | [**S1-241218**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241218.zip) | S5-241924 | LS Reply to SA4 on 3GPP work on energy efficiency | LS in |  |   |   |   |   |  |  | CC: |  |  |
|  | 3 | [**S1-241219**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241219.zip) | S6-240404 | Reply LS on service authorization for/to partner MC system | LS in |  |   |   |   |   |  |  | CC: |  |  |
|  | 3 | [**S1-241220**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241220.zip) | S6-241370 | LS on Clarification related to MC gateway UE requirements | LS in |  |   |   |   |   |  |  | TO: |  |  |
|  | 3 | [**S1-241221**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241221.zip) | SG13-LS155 | LS on initiation of the draft new Technical Report ITU-T TR.URCN-req ""Service Requirements of Ubiquitous Real Time Communication Network for future networks"" | LS in |  |   |   |   |   |  |  | TO: |  |  |
|  | 3 | [**S1-241222**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241222.zip) | SG13-LS164 | LS on agreement of new Supplement 81 to ITU-T Y.3200-series (ex Y.Sat-Use-Cases) ""Use cases of satellite communications in developing countries"", | LS in |  |   |   |   |   |  |  | TO: |  |  |
|  | 3 | [**S1-241223**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241223.zip) | SG13-LS170 | LS on consent of draft new Recommendation ITU-T Y.3186 (ex Y.IMT2020-DJLML) ""Requirements and framework for distributed joint learning to enable machine learning in future networks including IMT-2020"" | LS in |  |   |   |   |   |  |  | TO: |  |  |
|  | 3 | [**S1-241224**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241224.zip) | SG13-LS177 | LS on initiation of new work item ITU-T Y.ESBN ""Enhanced service-based network in IMT-2020 networks and beyond"" | LS in |  |   |   |   |   |  |  | TO: |  |  |
|  | 3 | [**S1-241225**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241225.zip) | sp17-fg-mv-oLS-00040 | LS on Results of the fifth meeting of the FG-MV | LS in |  |   |   |   |   |  |  | TO: |  |  |
|  | 3 | [**S1-241226**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241226.zip) | sp17-fg-mv-oLS-00041 | LS on vocabulary for metaverse | LS in |  |   |   |   |   |  |  | TO: |  |  |
|  | 3 | [**S1-241227**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241227.zip) | sp17-fg-mv-oLS-00042 | LS on definition of CitiVerse | LS in |  |   |   |   |   |  |  | TO: |  |  |
|  | 3 | [**S1-241228**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241228.zip) | sp17-fg-mv-oLS-00044 | LS on Results of the sixth meeting of the FG-MV | LS in |  |   |   |   |   |  |  | TO: |  |  |
|  | 3 | [**S1-241229**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241229.zip) | sp17-sg17-oLS-00096 | LS on the proposal for a new work item: Security guidelines for data of coordination of networking and computing | LS in |  |   |   |   |   |  |  | TO: |  |  |
|  | 3 | [**S1-241230**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241230.zip) | SP-240503 | LS on the Modified PRINS solution | LS in |  |   |   |   |   |  |  | CC: |  |  |
|  | 1 | [**S1-241231**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_106_Jeju/Docs/S1-241231.zip) | KT Corp. | Welcome speech and practical info for SA1#106 | other |  |   |   |   |   |  |  |   |  |  |
|  |  | S1-241232 |  | Reserved Chair |  |  |  |  |  |  |  |  |  |  |  |
|  |  | S1-241233 |  | Reserved Chair |  |  |  |  |  |  |  |  |  |  |  |
|  |  | S1-241234 |  | Reserved Chair |  |  |  |  |  |  |  |  |  |  |  |
|  |  | S1-241235 |  | Reserved Chair |  |  |  |  |  |  |  |  |  |  |  |
|  |  | S1-241236 |  | Reserved Chair |  |  |  |  |  |  |  |  |  |  |  |
|  |  | S1-241237 |  | Reserved Chair |  |  |  |  |  |  |  |  |  |  |  |
|  |  | S1-241238 |  | Reserved Chair |  |  |  |  |  |  |  |  |  |  |  |
|  |  | S1-241239 |  | Reserved Chair |  |  |  |  |  |  |  |  |  |  |  |
|  |  | S1-241240 |  | Reserved Chair |  |  |  |  |  |  |  |  |  |  |  |
|  |  | S1-241241 |  | Reserved Chair |  |  |  |  |  |  |  |  |  |  |  |
|  |  | S1-241242 |  | Reserved Chair |  |  |  |  |  |  |  |  |  |  |  |
|  |  | S1-241243 |  | Reserved Chair |  |  |  |  |  |  |  |  |  |  |  |
|  |  | S1-241244 |  | Reserved Chair |  |  |  |  |  |  |  |  |  |  |  |
|  |  | S1-241245 |  | Reserved Chair |  |  |  |  |  |  |  |  |  |  |  |
|  |  | S1-241246 |  | Reserved Chair |  |  |  |  |  |  |  |  |  |  |  |
|  |  | S1-241247 |  | Reserved Chair |  |  |  |  |  |  |  |  |  |  |  |
|  |  | S1-241248 |  | Reserved Chair |  |  |  |  |  |  |  |  |  |  |  |
|  |  | S1-241249 |  | Reserved Chair |  |  |  |  |  |  |  |  |  |  |  |