**3GPP TSG-SA WG1 Meeting #103 S1-232002**

**Gothenburg, Sweden, 21 - 25 August 2023**

Title: Agenda for SA1#103

Ag. Item: 1.1

Source: SA1 Chairperson

Contact: Jose Almodovar

Submission Guidelines

* **Submission deadlines:**
  1. Tdoc **number** and **CR number** requests:     **Friday,** 11 August 2023, 23:00 UTC
  2. Document **submission**:                                **Friday,** 11 August 2023, 23:00 UTC
* Documents that miss either deadline will be considered as **LATE** and will be given low priority
* **Tdoc numbers and CR numbers** can be reserved and documents uploaded at <https://portal.3gpp.org/> (register, then click on the "C" next to 3GPPSA1#97e)
* Please use the document templates available at https://ftp.3gpp.org/tsg\_sa/WG1\_Serv/TSGS1\_103\_Gothenburg/templates
* For CRs:
  + **TEI18 CRs will only be accepted if there is no impact to Stage 2 or Stage 3 or for alignment purposes**
  + **CRs** **MUST have a CR number** allocated by the 3GPP Portal BEFORE being submitted
  + **CRs MUST have a Work Item code**, and the WI code must be valid for the specific release (e.g. a Rel-18 CR with Rel-17 WI is not permitted, except for cat. A CR)
  + Work Item Codes for the CRs are available in the [Work Plan](https://ftp.3gpp.org/Information/WORK_PLAN) (or at <http://www.3gpp.org/ftp/Specs/html-info/TSG-WG--s1--wis.htm> )

**LEGEND**

**Doc Type**: AGE (Agenda), CC (Incoming Liaison Statement Copied to SA1), Cont (Contribution), CR (Change request), , LS OUT(Outgoing Liaison Statement), TO (Incoming Liaison Statement To SA1), TR (Technical Report), TS (Technical Specification), REP (Report), WID (Work Item Description), WP (Work Plan)

**Conclusion**: Agreed, Approved, Revised to S1-23xxxx, Noted, Withdrawn, Moved to section xxx, Rejected, Postponed, Email Approval, Not Handled, Unallocated, Drafting

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Doc  Type | Tdoc number | Sourcing company(ies) | Document Title | Conclusion | Comments |
| CR | S1-19xxxx | Source | Title | Agreed / Approved |  |
| CR | S1-19xxxx | Source | Title | Revised to S1-23xxxx |  |
| CR | S1-19xxxx | Source | Title | Noted |  |
| CR | S1-19xxxx | Source | Title | Withdrawn |  |
| CR | S1-19xxxx | Source | Title | Moved to section xxx |  |
| CR | S1-19xxxx | Source | Title | Rejected |  |
| CR | S1-19xxxx | Source | Title | Postponed |  |
| CR | S1-19xxxx | Source | Title | Email Approval |  |
| CR | S1-19xxxx | Source | Title | Not Handled |  |
|  | S1-19xxxx |  |  | Unallocated / Drafting |  |

**MEETING ROOMS:**

ROOM G3: Plenary/Drafting

ROOM G1: Breakout

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|  |  | **Monday** |  | **Tuesday** | **Wednesday** |  | **Thursday** | **Friday** |
| **Q0** | **08:00**  **09:00** |  | **08:00**  **09:00** | **Drafting 1 (ROOM G3):**  Metaverse  **Drafting 2 (ROOM G1):**  ISN | **Drafting 1 (ROOM G3):**  Metaverse  **Drafting 2 (ROOM G1):**  ISN | **08:00**  **09:00** | **[Drafting]** |  |
| **Q1** | **09:00**  **10:30** | (start at 09:00)  **Plenary:**  1. Opening  2. Reports  9. Other non-technical contributions | **09:00**  **10:30** | **Drafting 1 (ROOM G3):**  Metaverse  =================  **Drafting 2 (ROOM G1):**  5GSAT\_Ph3 | **Drafting 1 (ROOM G3):**  Metaverse  =================  **Drafting 2 (ROOM G1):**  5GSAT\_Ph3 | **09:00**  **10:30** | **Plenary** | **Plenary** |
|  | **Coffee** |  | **Coffee** |  |  | **Coffee** |  |  |
| **Q2** | **11:00**  **12:30** | **Plenary:**  3. LSs  4. New WIDs | **11:00**  **12:30** | **Drafting 1 (ROOM G3):**  Sensing  =================  **Drafting 2 (ROOM G1):**  EnergyServ +AIML\_Ph2 | **Drafting 1 (ROOM G3):**  Sensing  =================  **Drafting 2 (ROOM G1):**  EnergyServ + AIML\_Ph2 | **11:00**  **12:30** | **Plenary** | **Plenary** |
|  | **Lunch** |  | **Lunch** |  | **Lunch New incomers**  **(Chair & Secretary)** | **Lunch** |  |  |
| **Q3** | **14:00**  **15:30** | **Plenary:**  4. New WIDs  5.Quality Improv  7.13. Other Rel-19 | **14:00**  **15:30** | **Drafting 1 (ROOM G3):**  Sensing  =================  **Drafting 2 (ROOM G1):**  DualSteer + UAV | **Drafting 1 (ROOM G3):**  Sensing  =================  **Drafting 2 (ROOM G1):**  DualSteer + UAV | **14:00**  **15:30** | **Plenary** | **Plenary** |
|  | **Coffee** |  | **Coffee** |  |  | **Coffee** |  |  |
| **Q4** | **16:00**  **17:30** | **Drafting1 (ROOM G3)**  Ambient IoT  **Drafting 2 (ROOM G1):**  ISN | **16:00**  **18:00** | **Drafting 1 (ROOM G3):**  Ambient IoT =================  **Drafting 2 (ROOM G1):**  NetShare + SOBOT | **Drafting 1 (ROOM G3):**  Ambient IoT =================  **Drafting 2 (ROOM G1):**  NetShare + SOBOT | **16:00**  **18:00** | **Plenary**  Sensing (Second round)\* |  |
|  |  |  |  |  |  |  |  |  |
| **Q5** | **17:40**  **19:10** | **Drafting1 (ROOM G3):**  Railway  **Drafting 2 (ROOM G1):**  Dual Steer | **18:10**  **19:10** | **MMS**  (19:00) | **Drafting 1 (ROOM G3):**  Ambient IoT  **Drafting 2 (ROOM G1):**  Dual Steer + UAV | **18:10**  **19:10** | **Plenary**  Sensing (Second round)\* |  |

**NOTE:**

**Slots scheduled based on contributions submitted. Slot allocation is a rough guideline and is subject to change during the meeting week.**

**Drafting sessions (including drafting/work item):**

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| Sensing *– chaired by Yusuke Nakano* | *ISN – chaired by Xu Xia* | EnergyServ + AIML *– chaired by Jose Almodovar* |
| Ambient IoT *– chaired by Jose Almodovar* | NetShare + SOBOT *– chaired by Mark Younge* | 5GSAT\_Ph3 - c*haired by Toon Norp* |
| Metaverse *– chaired by Yusuke Nakano* | UAV\_Ph3 + DualSteer *– chaired by Jose Almodovar (and Mona Mustapha Wed Q5)* | *Railway – chaired by Mark Younge* |

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| Opening of the meeting | | | | | |
| Opening of the meeting at 09:00 CET on Monday 21 August 2023 | | | | | |
| Agenda and scheduling | | | | | |
| AGE | S1-232000 | SA1 Chairman | Draft agenda for SA1#103 | Revised to S1-232001 |  |
| AGE | S1-232001 | SA1 Chairman | Draft agenda for SA1#103 | Revised to S1-232002 | Revision of S1-232000. |
| AGE | [S1-232002](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232002.zip) | SA1 Chairman | Draft agenda for SA1#103 | Agreed | *Revision of S1-232000.*  Revision of S1-232001. |
| IPR, antitrust and competition laws | | | | | |
|  | | **IPR call reminder**  I draw your attention to your obligations under the 3GPP Partner Organizations’ IPR policies. Every Individual Member organization is obliged to declare to the Partner Organization or Organizations of which it is a member any IPR owned by the Individual Member or any other organization which is or is likely to become essential to the work of 3GPP.  Delegates are asked to take note that they are thereby invited:   * to investigate whether their organization or any other organization owns IPRs which were, or were likely to become Essential in respect of the work of 3GPP. * to notify their respective Organizational Partners of all potential IPRs, e.g., for ETSI, by means of the IPR Information Statement and the Licensing declaration forms.   **Antitrust policy Reminder**  I also draw your attention to the fact that 3GPP activities are subject to all applicable antitrust and competition laws and that compliance with said laws is therefore required of any participant of this WG meeting including the Chairperson and Vice Chairperson. In case of question I recommend that you contact your legal counsel.  The leadership shall conduct the present meeting with impartiality and in the interests of 3GPP.  Furthermore, I would like to remind you that timely submission of work items in advance of TSG/WG meetings is important to allow for full and fair consideration of such matters. | | |  |
| Previous SA1 meeting report | | | | | |
| The report of the last meeting will be approved at the start of the meeting. | | | | | |
| REP | S1-232004 | ETSI | Draft minutes of SA1#102 | Revised to S1-232005 |  |
| REP | S1-232005 | ETSI | Minutes of SA1#102 | Approved | Revision of S1-232004. |
| Information for delegates | | | | | |
| Draft TR/TS to SA plenary for information: delegates are encouraged to send draft TR/TS for information as soon as there is useful content to be reviewed. Draft TR/TS can be sent to SA plenary for information more than once.  Drafting p-CRs:   * All changes must be shown using revision marks against existing text in the draft TS/TR, otherwise p-CRs may be Noted   For more info: <ftp://ftp.3gpp.org/tsg_sa/WG1_Serv/Delegate_Guidelines_v10.doc>  When writing CRs, please follow the guidance provided in SP-220006 (Guidelines to write CRs) | | | | | |
| Information for rapporteurs | | | | | |
| "Beginner's guide" for writing a new TS/TR is available at <http://www.3gpp.org/specifications-groups/delegates-corner/writing-a-new-spec> (feedback on content is welcome!)  For detailed drafting guidelines, please see [TR 21.801](http://www.3gpp.org/DynaReport/21801.htm)  Rapporteurs are expected to produce a work item/study item status report for the end of the meeting under agenda item 9.2. The template is available [here](http://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_85_Tallin/templates/Template_WI_Status_Update.zip).  For draft TR/TS, the rapporteur is expected to update the draft TR/TS with all contributions agreed at the meeting before the meeting is closed. | | | | | |
| Working agreements | | | | | |
| None | | | | | |
| Reports and action items | | | | | |
| REP | [S1-232006](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232006.zip) | SA1 Vice Chair | SA1-related topics at last SA plenary | Noted |  |
| REP | [S1-232003](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232003.zip) | ETSI MCC | Extract of the 3GPP Work Plan | Noted |  |
| Cont | [S1-232007](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232007.zip) | ETSI MCC | MCC info on CR Rules | Noted |  |
| Cont | [S1-232008](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232008.zip) | ETSI MCC | MCC info on WID names | Noted |  |
| Cont | [S1-232009](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232009.zip) | SA1 Chair | Process for SA1 Rel-20 content definition | Revised to S1-232550 |  |
| Cont | [S1-232550](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232550.zip) | SA1 Chair | Process for SA1 Rel-20 content definition | Revised to S1-232653 | Revision of S1-232009. |
| Cont | [S1-232653](file:///E:\TSGS1_103_Gothenburg\docs\S1-232653.zip) | SA1 Chair | Process for SA1 Rel-20 content definition | Revised to S1-232663 | *Revision of S1-232009.*  Revision of S1-232550. |
| Cont | [S1-232663](docs\S1-232663.zip) | SA1 Chair | Process for SA1 Rel-20 content definition | Noted | *Revision of S1-232009.*  *Revision of S1-232550.*  Revision of S1-232653.  **Part 1 endorsed.**  **No consensus on this timeline for the working planning of part 2 in SA1 yet.** |
| Liaison Statements (including related contributions) | | | | | |
| Access to stand-alone non-public network services via PLMN and vice versa | | | | | |
| TO | [S1-232017](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232017.zip) | C1-232971 | LS on access to stand-alone non-public network services via PLMN and vice versa | Replied into S1-232607 | Postpone from SA1#102 |
| OUT | [S1-232066](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232066.zip) | Deutsche Telekom | Reply LS on access to stand-alone non-public network services via PLMN and vice versa | Merge to S1-232604 |  |
| OUT | S1-232294 | Deutsche Telekom | Reply LS on access to stand-alone non-public network services via PLMN and vice versa | Withdrawn | Revision of S1-232066. |
| OUT | [S1-232186](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232186.zip) | China Mobile | Reply LS on access to stand-alone non-public network services via PLMN and vice versa | Revised to S1-232604 |  |
| OUT | [S1-232604](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232604.zip) | China Mobile | Reply LS on access to stand-alone non-public network services via PLMN and vice versa | Revised to S1-232607 | Revision of S1-232186. |
| OUT | [S1-232607](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232607.zip) | China Mobile | Reply LS on access to stand-alone non-public network services via PLMN and vice versa | Agreed | *Revision of S1-232186.*  Revision of S1-232604.  Remove the last 4 words. |
| Cont | [S1-232187](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232187.zip) | China Mobile | Discussion on LS on access to stand-alone non-public network services via PLMN and vice versa | Noted |  |
| GSMA LS on requirements for intermediaries in the roaming ecosystem | | | | | |
| TO | [S1-232020](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232020.zip) | S3-233308 | LS on Further input to address GSMA LS on requirements for intermediaries in the roaming ecosystem (S3-232344) | Noted |  |
| CC | [S1-232028](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232028.zip) | SP-230763 | Reply LS on GSMA requirements regarding intermediaries in the roaming ecosystem and related LSs | Noted |  |
| TO | [S1-232271](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232271.zip) | S3-234296 | LS on SEPP requirements, privacy and cyber security | Replied into 2654 |  |
| OUT | [S1-232274](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232274.zip) | Vodafone | LS Proposed answer to 2271 | Revised to S1-232609 |  |
| OUT | [S1-232609](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232609.zip) | Vodafone | LS Proposed answer to 2271 | Revised to S1-232654 | Revision of S1-232274. |
| OUT | [S1-232654](file:///E:\TSGS1_103_Gothenburg\docs\S1-232654.zip) | Vodafone | LS Proposed answer to 2271 | Agreed | *Revision of S1-232274.*  Revision of S1-232609.  Add line Sa1 did not reach consensus in which release this CR applies to. Remove references to Rel 16 |
| Cont | [S1-232214](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232214.zip) | Vodafone, Verizon, Orange, Telecom Italia, T-Mobile USA | Discussion on Roaming Services | Noted |  |
| CR | [S1-232208](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232208.zip) | Vodafone, Verizon, Orange, Telecom Italia, T-Mobile USA | 22.261v16.16.0 Roaming service providers enablement in 5G | Revised to S1-232290 | *Moved from 6.3*  *WI* SMARTER\_Ph2*, TEI16* *Rel-16 CR*0720*R- Cat F* |
| CR | [S1-232290](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232290.zip) | Vodafone, Verizon, Orange, Telecom Italia, T-Mobile USA | 22.261v16.16.0 Roaming service providers enablement in 5G | Revised to S1-232608 | *Moved from 6.3*  *WI SMARTER\_Ph2, TEI16 Rel-16 CR0720R- Cat F*  Revision of S1-232208. |
| CR | [S1-232608](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232608.zip) | Vodafone, Verizon, Orange, Telecom Italia, T-Mobile USA | 22.261v16.16.0 Roaming service providers enablement in 5G | Revised to S1-232655 | *Moved from 6.3*  *WI SMARTER\_Ph2, TEI16 Rel-16 CR0720R- Cat F*  *Revision of S1-232208.*  Revision of S1-232290. |
| CR | [S1-232655](file:///E:\TSGS1_103_Gothenburg\docs\S1-232655.zip) | Vodafone, Verizon, Orange, Telecom Italia, T-Mobile USA | 22.261v16.16.0 Roaming service providers enablement in 5G | Technically endorsed | *Moved from 6.3*  *WI SMARTER\_Ph2, TEI16 Rel-16 CR0720R- Cat F*  *Revision of S1-232208.*  *Revision of S1-232290.*  Revision of S1-232608.  Rel and version of TS in cover page will be TBD. |
| CR | [S1-232209](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232209.zip) | Vodafone, Verizon, Orange, Telecom Italia, T-Mobile USA | 22.261v17.11.0 Roaming service providers enablement in 5G | Revised to S1-232291 | *Moved from 6.2*  *WI* SMARTER\_Ph2*, TEI16* *Rel-17 CR*0721*R- Cat A* |
| CR | [S1-232291](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232291.zip) | Vodafone, Verizon, Orange, Telecom Italia, T-Mobile USA | 22.261v17.11.0 Roaming service providers enablement in 5G | Noted | *Moved from 6.2*  *WI SMARTER\_Ph2, TEI16 Rel-17 CR0721R- Cat A*  Revision of S1-232209. |
| CR | [S1-232210](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232210.zip) | Vodafone, Verizon, Orange, Telecom Italia, T-Mobile USA | 22.261v18.10.0 Roaming service providers enablement in 5G | Revised to S1-232292 | *Moved from 6.1*  *WI* SMARTER\_Ph2*, TEI16* *Rel-18 CR*0722*R- Cat A* |
| CR | [S1-232292](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232292.zip) | Vodafone, Verizon, Orange, Telecom Italia, T-Mobile USA | 22.261v18.10.0 Roaming service providers enablement in 5G | Noted | *Moved from 6.1*  *WI SMARTER\_Ph2, TEI16 Rel-18 CR0722R- Cat A*  Revision of S1-232210  . |
| CR | [S1-232211](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232211.zip) | Vodafone, Verizon, Orange, Telecom Italia, T-Mobile USA | 22.261v19.3.0 Roaming service providers enablement in 5G | Revised to S1-232293 | *Moved from 7.13*  *WI* SMARTER\_Ph2*, TEI16* *Rel-18 CR*0723*R- Cat A* |
| CR | [S1-232293](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232293.zip) | Vodafone, Verizon, Orange, Telecom Italia, T-Mobile USA | 22.261v19.3.0 Roaming service providers enablement in 5G | Noted | *Moved from 7.13*  *WI SMARTER\_Ph2, TEI16 Rel-18 CR0723R- Cat A*  Revision of S1-232211. |
| SID | [S1-232207](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232207.zip) | T-Mobile USA | Roaming as a Service | Withdrawn | Moved from 4 |
| Metaverse Standards Forum | | | | | |
| TO | [S1-232021](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232021.zip) | S4-231082 | LS on Metaverse Standards Forum (MSF) | Noted |  |
| CC | [S1-232027](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232027.zip) | SP-230741 | LS on 3GPP related Metaverse specifications and activities | Noted |  |
| Proposed to Note | | | | | |
| TO | [S1-232024](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232024.zip) | SG11-LS74 | LS on initiation of draft new Technical Report TR-SSC ""Signalling and protocols of integrated sensing and communication in future network"" | Noted |  |
| TO | [S1-232025](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232025.zip) | SG11-LS85 | LS on initiation of the new work item Q.PDS ""Protocols for supporting data streaming service in IMT-2020 network and beyond"" | Noted |  |
| TO | [S1-232026](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232026.zip) | sp17-sg5-oLS-00068 | LS/r on consideration of a new work item ""Requirements and framework of network function enhancements of IMT-2020 networks and beyond from the energy efficiency perspective"" (reply to SG13-LS78) | Noted |  |
| CC | [S1-232023](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232023.zip) | S5-234547 | Reply LS to LS on Information and request of advice on the SG13 plan to initiate a new work item on ""Requirements and framework of network function enhancements of IMT-2020 networks and beyond from the energy efficiency perspective"" | Noted |  |
| TO | [S1-232059](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232059.zip) | ITU FG-MV-LS15 | LS on Results of the second meeting of the FG-MV and approval of its first deliverable | Noted |  |
| CC | [S1-232018](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232018.zip) | C1-234302 | Reply LS on issues related to SNPN selection for localized services | Noted |  |
| CC | [S1-232019](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232019.zip) | S2-2307983 | LS on GSMA requirements regarding intermediaries in the roaming ecosystem and related LSs | Noted |  |
| CC | [S1-232022](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232022.zip) | S4-231111 | LS on 3GPP work on Energy Efficiency | Noted |  |
| New Work Items (including related contributions, studies exceptionally) | | | | | |
| SIDs Rel-19 | | | | | |
| SID | [S1-232207](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232207.zip) | T-Mobile USA Inc. | Roaming as a Service | Moved to 3 |  |
| WIDs Rel-19 | | | | | |
| WID | [S1-232129](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232129.zip) | OPPO | New WID on Ambient power-enabled Internet of Things | Revised to S1-232272 | Moved from 7.2.2 |
| WID | [S1-232272](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232272.zip) | OPPO | New WID on Ambient power-enabled Internet of Things | Revised to S1-232373 | *Moved from 7.2.2*  Revision of S1-232129. |
| WID | [S1-232373](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232373.zip) | OPPO | New WID on Ambient power-enabled Internet of Things | Revised to S1-232395 | *Moved from 7.2.2*  *Revision of S1-232129.*  Revision of S1-232272. |
| WID | [S1-232395](file:///E:\TSGS1_103_Gothenburg\docs\S1-232395.zip) | OPPO | New WID on Ambient power-enabled Internet of Things | Revised to S1-232652 | *Moved from 7.2.2*  *Revision of S1-232129.*  *Revision of S1-232272.*  Revision of S1-232373. |
| WID | [S1-232652](file:///E:\TSGS1_103_Gothenburg\docs\S1-232652.zip) | OPPO | New WID on Ambient power-enabled Internet of Things | Agreed | *Moved from 7.2.2*  *Revision of S1-232129.*  *Revision of S1-232272.*  *Revision of S1-232373.*  Revision of S1-232395.  Accept all changes. |
| WID | [S1-232238](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232238.zip) | Qualcomm | DualSteer\_new WID | Revised to S1-232256 | Moved from 7.9.2 |
| WID | [S1-232256](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232256.zip) | Qualcomm | DualSteer\_new WID | Revised to S1-232289 | *Moved from 7.9.2*  Revision of S1-232238. |
| WID | [S1-232289](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232289.zip) | Qualcomm | DualSteer\_new WID | Agreed | *Moved from 7.9.2*  *Revision of S1-232238.*  Revision of S1-232256. |
| MiniWIDs Rel-19 | | | | | |
| FMC\_issues | | | | | |
| WID | [S1-232106](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232106.zip) | China Telecom | New WID on FMC\_issues | Revised to S1-232281 | Acronym need to be check. No enough supporting companies. |
| WID | [S1-232281](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232281.zip) | China Telecom | New WID on FMC\_issues | Revised to S1-232610 | *Acronym need to be check. No enough supporting companies.*  Revision of S1-232106. |
| WID | [S1-232610](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232610.zip) | China Telecom | New WID on FMC\_issues | Revised to S1-232656 | *Acronym need to be check. No enough supporting companies.*  *Revision of S1-232106.*  Revision of S1-232281. |
| WID | [S1-232656](file:///E:\TSGS1_103_Gothenburg\docs\S1-232656.zip) | China Telecom | New WID on FMC\_issues | Agreed | *Acronym need to be check. No enough supporting companies.*  *Revision of S1-232106.*  *Revision of S1-232281.*  Revision of S1-232610.  Use the new template and accept all changes. |
| Cont | [S1-232107](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232107.zip) | China Telecom | Discussion paper for FMC\_issues | Noted |  |
| CR | [S1-232108](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232108.zip) | China Telecom | 22.261v19.3.0 New requirements on traffic routing | Revised to S1-232287 | *WI* FMC\_issues *Rel-19 CR*0709*R- Cat B* |
| CR | [S1-232287](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232287.zip) | China Telecom | 22.261v19.3.0 New requirements on traffic routing | Revised to S1-232611 | *WI FMC\_issues Rel-19 CR0709R- Cat B*  Revision of S1-232108. |
| CR | [S1-232611](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232611.zip) | China Telecom | 22.261v19.3.0 New requirements on traffic routing | Revised to S1-232657 | *WI FMC\_issues Rel-19 CR0709R- Cat B*  *Revision of S1-232108.*  Revision of S1-232287. |
| CR | [S1-232657](file:///E:\TSGS1_103_Gothenburg\docs\S1-232657.zip) | China Telecom | 22.261v19.3.0 New requirements on traffic routing | Agreed | *WI FMC\_issues Rel-19 CR0709R- Cat B*  *Revision of S1-232108.*  *Revision of S1-232287.*  Revision of S1-232611.  Fix date |
| CR | [S1-232109](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232109.zip) | China Telecom | 22.261v19.3.0 New requirements on credentials | Revised to S1-232270 | *WI* FMC\_issues *Rel-19 CR*0710*R- Cat B* |
| CR | [S1-232270](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232270.zip) | China Telecom | 22.261v19.3.0 New requirements on credentials | Noted | *WI FMC\_issues Rel-19 CR0710R- Cat B*  Revision of S1-232109. |
| SISN | | | | | |
| WID | [S1-232158](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232158.zip) | Intel, Cisco Systems, Novamint | New mini-WID on Scalable Interconnect of SNPN | Noted | No enough supporting companies. |
| CR | [S1-232161](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232161.zip) | Intel, Cisco Systems, Novamint | 22.261v19.3.0 Service requirements for Scalable SNPN Interconnect with dynamic connections | Not handled | *WI DUMMY Rel-19 CR*0715*R- Cat B* |
| EdgeOpNeeds | | | | | |
| WID | [S1-232162](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232162.zip) | China Telecom | New WID on Edge Computing Considering the Operational Needs of Service Hosting Environment | Revised to S1-232282 |  |
| WID | [S1-232282](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232282.zip) | China Telecom | New WID on Edge Computing Considering the Operational Needs of Service Hosting Environment | Agreed | Revision of S1-232162. |
| Cont | [S1-232164](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232164.zip) | China Telecom | Discussion on Edge Computing Considering the Operational Needs of Service Hosting Environment | Noted |  |
| CR | [S1-232163](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232163.zip) | China Telecom | 22.261v19.3.0 Additional requirements for selecting and/or changing the user plane paths based on the usage information of the Service Hosting Environment | Revised to S1-232283 | *WI*  *Rel-19 CR*0716*R- Cat B* |
| CR | [S1-232283](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232283.zip) | China Telecom | 22.261v19.3.0 Additional requirements for selecting and/or changing the user plane paths based on the usage information of the Service Hosting Environment | Revised to S1-232612 | *WI EdgeOpNeeds Rel-19 CR0716R- Cat B*  Revision of S1-232163. |
| CR | [S1-232612](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232612.zip) | China Telecom | 22.261v19.3.0 Additional requirements for selecting and/or changing the user plane paths based on the usage information of the Service Hosting Environment | Agreed | *WI EdgeOpNeeds Rel-19 CR0716R- Cat B*  *Revision of S1-232163.*  Revision of S1-232283.  Remove changes on changes. Clean up. |
| eCAT&CRS | | | | | |
| WID | [S1-232189](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232189.zip) | China Mobile | New WID on enhanced Customized Alerting Tones and Customized Ringing Signal | Revised to S1-232277 |  |
| WID | [S1-232277](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232277.zip) | China Mobile | New WID on enhanced Customized Alerting Tones and Customized Ringing Signal | Revised to S1-232613 | Revision of S1-232189. |
| WID | [S1-232613](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232613.zip) | China Mobile | New WID on enhanced Customized Alerting Tones and Customized Ringing Signal | Noted | *Revision of S1-232189.*  Revision of S1-232277. |
| Cont | [S1-232190](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232190.zip) | China Mobile | Motivation of supporting 5G enhanced Customized Alerting Tones (CAT) and Customized Ringing Signal (CRS) | Noted |  |
| CR | [S1-232201](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232201.zip) | China Mobile | 22.182v17.0.0 CAT ehanced function | Revised to S1-232275 | *WI* eCAT&CRS *Rel-19 CR*0028*R- Cat B* |
| CR | [S1-232275](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232275.zip) | China Mobile | 22.182v17.0.0 CAT ehanced function | Revised to S1-232614 | *WI eCAT&CRS Rel-19 CR0028R- Cat B*  Revision of S1-232201. |
| CR | [S1-232614](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232614.zip) | China Mobile | 22.182v17.0.0 CAT ehanced function | Noted | *WI eCAT&CRS Rel-19 CR0028R- Cat B*  *Revision of S1-232201.*  Revision of S1-232275. |
| CR | [S1-232203](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232203.zip) | China Mobile | 22.183v17.0.0 CRS enhanced function | Revised to S1-232276 | *WI* eCAT&CRS *Rel-19 CR*0007*R- Cat B* |
| CR | [S1-232276](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232276.zip) | China Mobile | 22.183v17.0.0 CRS enhanced function | Revised to S1-232615 | *WI eCAT&CRS Rel-19 CR0007R- Cat B*  Revision of S1-232203. |
| CR | [S1-232615](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232615.zip) | China Mobile | 22.183v17.0.0 CRS enhanced function | Noted | *WI eCAT&CRS Rel-19 CR0007R- Cat B*  *Revision of S1-232203.*  Revision of S1-232276. |
| Cont | S1-232125 | China Mobile | Motivation of supporting 5G enhanced Customized Alerting Tones (CAT) and Customized Ringing Signal (CRS) | Withdrawn |  |
| Quality improvement contributions Quality improvements to requirements in TRs or TSs are encouraged (pCRs or CRs). In order to allow delegates to provide quality improvement contributions for work/study items where they do not want to attend drafting sessions, contributions submitted to this agenda item are handled in plenary. | | | | | |
| CR | [S1-232012](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232012.zip) | Huawei | 22.011v19.1.0 Quality improvements for TS22.011 Release 19 | Agreed | *WI TEI19 Rel-19 CR*0352*R- Cat D* |
| Rel-18 and earlier contributions[-= | | | | | |
| Rel-18 correction and clarification CRs | | | | | |
| CR | [S1-232210](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232210.zip) | Vodafone, Verizon, Orange, Telecom Italia, T-Mobile USA | 22.261v18.10.0 Roaming service providers enablement in 5G | Moved to 3 | *WI* SMARTER\_Ph2*, TEI16* *Rel-18 CR*0722*R- Cat A* |
| Release 17 Alignment CRs (aligning Stage 1 specifications with what has been implemented in Stage 2 and 3) As Release 17 is almost frozen (stage 2 already frozen), alignment CRs are appreciated. | | | | | |
| CR | [S1-232209](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232209.zip) | Vodafone, Verizon, Orange, Telecom Italia, T-Mobile USA | 22.261v17.11.0 Roaming service providers enablement in 5G | Moved to 3 | *WI* SMARTER\_Ph2*, TEI16* *Rel-17 CR*0721*R- Cat A* |
| Rel-17 and earlier CRs (other than alignment) | | | | | |
| CR | [S1-232208](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232208.zip) | Vodafone, Verizon, Orange, Telecom Italia, T-Mobile USA | 22.261v16.16.0 Roaming service providers enablement in 5G | Moved to 3 | *WI* SMARTER\_Ph2*, TEI16* *Rel-16 CR*0720*R- Cat F* |
| Rel19 contributions | | | | | |
| Sensing | | | | | |
| FS\_Sensing: Study on Integrated Sensing and Communication [[SP-220717](https://www.3gpp.org/ftp/tsg_sa/TSG_SA/TSGS_96_Budapest_2022_06/Docs/SP-220717.zip)] | | | | | |
| **Work status prior to this meeting:**  Rapporteur: Vasil Aleksiev (Deutsche Telekom)  Latest version: [TR 22.837v19.0.0](https://www.3gpp.org/ftp/Specs/archive/22_series/22.837/22837-j00.zip)  Target completion date: SA#100 (06/2023)  Percentage completion: 90% | | | | | |
| CR | [S1-232113](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232113.zip) | vivo | 22.837v19.0.0 Updates the definition of sensing assistance information | Revised to S1-232430 | *WI* FS\_Sensing *Rel-19 CR*0006*R- Cat F* |
| CR | [S1-232430](file:///E:\TSGS1_103_Gothenburg\Docs\SA1103_GoteborgdocsS1-232430.zip#103_GoteborgdocsS1-232430.zip) | vivo | 22.837v19.0.0 Updates the definition of sensing assistance information | Revised to S1-232438 | *WI FS\_Sensing Rel-19 CR0006R- Cat F*  Revision of S1-232113. |
| CR | [S1-232438](file:///E:\TSGS1_103_Gothenburg\Docs\SA1103_GoteborgdocsS1-232438.zip#103_GoteborgdocsS1-232438.zip) | vivo | 22.837v19.0.0 Updates the definition of sensing assistance information | Agreed | *WI FS\_Sensing Rel-19 CR0006R- Cat F*  *Revision of S1-232113.*  Revision of S1-232430.  Added texts are moved to definition parts. Slight change also added. |
| Cont | [S1-232151](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232151.zip) | Huawei | Discussion on missed detection and false alarm | Noted |  |
| CR | [S1-232156](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232156.zip) | Huawei | 22.837v19.0.0 Update of definitions | Revised to S1-232431 | *WI* FS\_Sensing *Rel-19 CR*0010*R- Cat F* |
| CR | [S1-232431](file:///E:\TSGS1_103_Gothenburg\Docs\SA1103_GoteborgdocsS1-232431.zip#103_GoteborgdocsS1-232431.zip) | Huawei | 22.837v19.0.0 Update of definitions | Agreed | *WI FS\_Sensing Rel-19 CR0010R- Cat F*  Revision of S1-232156. |
| Update Use cases | | | | | |
| CR | [S1-232246](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232246.zip) | Deutsche Telekom | 22.837v19.0.0 Removing editor’s notes | Agreed | *WI* FS\_Sensing *Rel-19 CR*0014*R- Cat F* |
| CR | [S1-232093](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232093.zip) | Qualcomm, CATT | 22.837v19.0.0 CR on Use Case on Gesture Recognition for Application Navigation and Immersive Interaction | Revised to S1-232426 | *WI* FS\_Sensing *Rel-19 CR*0003*R- Cat C* |
| CR | [S1-232426](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232426.zip) | Qualcomm, CATT | 22.837v19.0.0 CR on Use Case on Gesture Recognition for Application Navigation and Immersive Interaction | Revised to S1-232432 | *WI FS\_Sensing Rel-19 CR0003R- Cat C*  Revision of S1-232093. |
| CR | [S1-232432](file:///E:\TSGS1_103_Gothenburg\Docs\SA1103_GoteborgdocsS1-232432.zip#103_GoteborgdocsS1-232432.zip) | Qualcomm, CATT | 22.837v19.0.0 CR on Use Case on Gesture Recognition for Application Navigation and Immersive Interaction | Revised to S1-232439 | *WI FS\_Sensing Rel-19 CR0003R- Cat C*  *Revision of S1-232093.*  Revision of S1-232426. |
| CR | [S1-232439](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232439.zip) | Qualcomm, CATT | 22.837v19.0.0 CR on Use Case on Gesture Recognition for Application Navigation and Immersive Interaction | Revised to S1-232616 | *WI FS\_Sensing Rel-19 CR0003R- Cat C*  *Revision of S1-232093.*  *Revision of S1-232426.*  Revision of S1-232432. |
| CR | [S1-232616](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232616.zip) | Qualcomm, CATT | 22.837v19.0.0 CR on Use Case on Gesture Recognition for Application Navigation and Immersive Interaction | Agreed | *WI FS\_Sensing Rel-19 CR0003R- Cat C*  *Revision of S1-232093.*  *Revision of S1-232426.*  *Revision of S1-232432.*  Revision of S1-232439.  Rev 4 in cover page and no track changes in cover page. |
| New Use cases | | | | | |
| CR | [S1-232126](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232126.zip) | IPLOOK | 22.837v19.0.0 Use Case on Stop Sensing in Privacy Area | Withdrawn | *WI* FS\_Sensing *Rel-19 CR*0007*R- Cat F* |
| Consolidation & Conclusions | | | | | |
| Cont | [S1-232245](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232245.zip) | Deutsche Telekom, ZTE | Discussion on consolidated requirements of FS\_Sensing | Revised to S1-232433 |  |
| Cont | [S1-232433](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232433.zip) | Deutsche Telekom, ZTE | Discussion on consolidated requirements of FS\_Sensing | Noted | Revision of S1-232245. |
| Cont | [S1-232219](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232219.zip) | Ericsson. | 22.837v19.0.0 discussion on System vs Network Control | Noted |  |
| CR | [S1-232067](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232067.zip) | Deutsche Telekom, Huawei | 22.837v19.0.0 Modification of the consolidated functional requirements section | Revised to S1-232285 | *WI* FS\_Sensing *Rel-19 CR*0002*R- Cat F* |
| CR | [S1-232285](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232285.zip) | Deutsche Telekom, Huawei | 22.837v19.0.0 Modification of the consolidated functional requirements section | Revised to S1-232434 | *WI FS\_Sensing Rel-19 CR0002R- Cat F*  Revision of S1-232067. |
| CR | [S1-232434](file:///E:\TSGS1_103_Gothenburg\Docs\SA1103_GoteborgdocsS1-232434.zip#103_GoteborgdocsS1-232434.zip) | Deutsche Telekom, Huawei | 22.837v19.0.0 Modification of the consolidated functional requirements section | Revised to S1-232436 | *WI FS\_Sensing Rel-19 CR0002R- Cat F*  *Revision of S1-232067.*  Revision of S1-232285. |
| CR | [S1-232436](file:///E:\TSGS1_103_Gothenburg\docs\S1-232436.zip) | Deutsche Telekom, Huawei | 22.837v19.0.0 Modification of the consolidated functional requirements section | Revised to S1-232631 | *WI FS\_Sensing Rel-19 CR0002R- Cat F*  *Revision of S1-232067.*  *Revision of S1-232285.*  Revision of S1-232434.  NOTE is added, regulation is added. |
| CR | [S1-232631](file:///E:\TSGS1_103_Gothenburg\docs\S1-232631.zip) | Deutsche Telekom, Huawei | 22.837v19.0.0 Modification of the consolidated functional requirements section | Revised to S1-232641 | *WI FS\_Sensing Rel-19 CR0002R- Cat F*  *Revision of S1-232067.*  *Revision of S1-232285.*  *Revision of S1-232434.*  *NOTE is added, regulation is added.*  Revision of S1-232436. |
| CR | [S1-232641](file:///E:\TSGS1_103_Gothenburg\docs\S1-232641.zip) | Deutsche Telekom, Huawei | 22.837v19.0.0 Modification of the consolidated functional requirements section | Agreed | *WI FS\_Sensing Rel-19 CR0002R- Cat F*  *Revision of S1-232067.*  *Revision of S1-232285.*  *Revision of S1-232434.*  *NOTE is added, regulation is added.*  *Revision of S1-232436.*  Revision of S1-232631.  Adding supporting company. |
| CR | [S1-232469](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232469.zip) | Deutsche Telekom, Huawei | 22.837v19.0.0 Adding CPRs into the consolidated requirements section | Revised to S1-232618 | *WI FS\_Sensing Rel-19 CR0016R- Cat B* |
| CR | [S1-232618](file:///E:\TSGS1_103_Gothenburg\docs\S1-232618.zip) | Deutsche Telekom, Huawei | 22.837v19.0.0 Adding CPRs into the consolidated requirements section | Agreed | *WI FS\_Sensing Rel-19 CR0016R- Cat B*  Revision of S1-232469. |
| CR | [S1-232217](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232217.zip) | Xiaomi | 22.837v19.0.0 Modification of the Security Consolidated Requirements | Noted | *WI* FS\_Sensing *Rel-19 CR*0001*R- Cat F* |
| CR | [S1-232094](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232094.zip) | Qualcomm, Huawei, VIVO | 22.837v19.0.0 CR on proposed CPR for UE processing | Merge to S1-232434 | *WI* FS\_Sensing *Rel-19 CR*0004*R- Cat C* |
| CR | [S1-232131](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232131.zip) | ZTE | 22.837v19.0.0 Revise the CPR of non-3GPP sensing data collection | Merge to S1-232285 | *WI* FS\_Sensing *Rel-19 CR*0009*R- Cat F* |
| CR | [S1-232179](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232179.zip) | Huawei | 22.837v19.0.0 Consolidated functional requirements on network exposure | Merge to S1-232434 | *WI* FS\_Sensing *Rel-19 CR*0011*R- Cat F* |
| CR | [S1-232220](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232220.zip) | vivo | 22.837v19.0.0 Updates on consolidated functional requirements on configuration and authorization | Merge to S1-232434 | *WI* FS\_Sensing *Rel-19 CR*0012*R- Cat F* |
| CR | [S1-232130](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232130.zip) | ZTE | 22.837v19.0.0 Update sensing consolidated KPI table | Merge to S1-232435 | *WI* FS\_Sensing *Rel-19 CR*0008*R- Cat F* |
| CR | [S1-232221](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232221.zip) | vivo | 22.837v19.0.0 Updates on consolidated KPI table | Revised to S1-232435 | *WI* FS\_Sensing *Rel-19 CR*0013*R- Cat F* |
| CR | [S1-232435](file:///E:\TSGS1_103_Gothenburg\Docs\SA1103_GoteborgdocsS1-232435.zip#103_GoteborgdocsS1-232435.zip) | vivo | 22.837v19.0.0 Updates on consolidated KPI table | Revised to S1-232606 | *WI FS\_Sensing Rel-19 CR0013R- Cat F*  Revision of S1-232221. |
| CR | [S1-232606](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232606.zip) | vivo | 22.837v19.0.0 Updates on consolidated KPI table | Revised to S1-232621 | *WI FS\_Sensing Rel-19 CR0013R- Cat F*  *Revision of S1-232221.*  Revision of S1-232435. |
| CR | [S1-232621](file:///E:\TSGS1_103_Gothenburg\docs\S1-232621.zip) | vivo | 22.837v19.0.0 Updates on consolidated KPI table | Agreed | *WI FS\_Sensing Rel-19 CR0013R- Cat F*  *Revision of S1-232221.*  *Revision of S1-232435.*  Revision of S1-232606.  Update the date and add supporting company. |
| CR | [S1-232250](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232250.zip) | Deutsche Telekom AG | 22.837v19.0.0 Conclusion and recommendations section | Merge to S1-232269 | *WI* FS\_Sensing *Rel-19 CR*0016*R- Cat F* |
| CR | [S1-232056](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232056.zip) | Xiaomi | 22.837v19.0.0 Adding new contents for clause 8 Conclusions and recommendations | Revised to S1-232269 | *WI* FS\_Sensing *Rel-19 CR*0005*R- Cat F* |
| CR | [S1-232269](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232269.zip) | Xiaomi | 22.837v19.0.0 Adding new contents for clause 8 Conclusions and recommendations | Revised to S1-232437 | *WI FS\_Sensing Rel-19 CR0005R- Cat F*  Revision of S1-232056. |
| CR | [S1-232437](file:///E:\TSGS1_103_Gothenburg\Docs\SA1103_GoteborgdocsS1-232437.zip#103_GoteborgdocsS1-232437.zip) | Xiaomi | 22.837v19.0.0 Adding new contents for clause 8 Conclusions and recommendations | Agreed | *WI FS\_Sensing Rel-19 CR0005R- Cat F*  *Revision of S1-232056.*  Revision of S1-232269.  Clause 7 contains consolidated potential requirements and KPIs for 5G wireless sensing service. It is recommended that these be considered for normative phase. |
| Cont | [S1-232247](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232247.zip) | Deutsche Telekom, Nokia | 22.837v19.0.0 Pseudo-CR on Scope section | Moved to 7.12 |  |
| Sensing: Integrated Sensing and Communication [[SP-230507](https://www.3gpp.org/ftp/TSG_SA/TSG_SA/TSGS_100_Taipei_2023-06/Docs/SP-230507.zip)] | | | | | |
| **Work status prior to this meeting:**  Rapporteur: Vasil Aleksiev (Deutsche Telekom)  Latest version: TS 22.137v.0.0.0  Target completion date: SA#102 (12/2023)  Percentage completion: 0% | | | | | |
| General | | | | | |
| Cont | [S1-232247](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232247.zip) | Deutsche Telekom, Nokia | Pseudo-CR on Scope section | Revised to S1-232441 | Moved from 7.1.1 |
| Cont | [S1-232441](file:///E:\TSGS1_103_Gothenburg\Docs\SA1103_GoteborgdocsS1-232441.zip#103_GoteborgdocsS1-232441.zip) | Deutsche Telekom, Nokia | Pseudo-CR on Scope section | Agreed | *Moved from 7.1.1*  Revision of S1-232247. |
| Cont | [S1-232052](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232052.zip) | Xiaomi | Pseudo-CR on References section | Noted |  |
| Cont | [S1-232243](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232243.zip) | Deutsche Telekom, Nokia | Pseudo-CR on Terms section | Revised to S1-232443 |  |
| Cont | [S1-232443](file:///E:\TSGS1_103_Gothenburg\docs\S1-232443.zip) | Deutsche Telekom, Nokia | Pseudo-CR on Terms section | Agreed | Revision of S1-232243. |
| Section 4 | | | | | |
| Cont | [S1-232240](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232240.zip) | Deutsche Telekom, Nokia | Pseudo-CR on Overview – 4.1 General section | Revised to S1-232470 |  |
| Cont | [S1-232470](file:///E:\TSGS1_103_Gothenburg\docs\S1-232470.zip) | Deutsche Telekom, Nokia | Pseudo-CR on Overview – 4.1 General section | Agreed | Revision of S1-232240. |
| Cont | [S1-232216](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232216.zip) | Ericsson | sensing operation in overview chapter | Revised to S1-232280 |  |
| Cont | [S1-232280](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232280.zip) | Ericsson | sensing operation in overview chapter | Revised to S1-232442 | Revision of S1-232216. |
| Cont | [S1-232442](file:///E:\TSGS1_103_Gothenburg\Docs\SA1103_GoteborgdocsS1-232442.zip#103_GoteborgdocsS1-232442.zip) | Ericsson | sensing operation in overview chapter | Revised to S1-232640 | *Revision of S1-232216.*  Revision of S1-232280. |
| Cont | [S1-232640](file:///E:\TSGS1_103_Gothenburg\docs\S1-232640.zip) | Ericsson | sensing operation in overview chapter | Revised to S1-232646 | *Revision of S1-232216.*  *Revision of S1-232280.*  Revision of S1-232442. |
| Cont | [S1-232646](file:///E:\TSGS1_103_Gothenburg\docs\S1-232646.zip) | Ericsson | sensing operation in overview chapter | Revised to S1-232659 | *Revision of S1-232216.*  *Revision of S1-232280.*  *Revision of S1-232442.*  Revision of S1-232640. |
| Cont | [S1-232659](file:///E:\TSGS1_103_Gothenburg\docs\S1-232659.zip) | Ericsson | sensing operation in overview chapter | Agreed | *Revision of S1-232216.*  *Revision of S1-232280.*  *Revision of S1-232442.*  *Revision of S1-232640.*  Revision of S1-232646.  The current document describes requirements for services consumed by either the 3GPP system or trusted third party.  There are some factors affecting what resolution/granularity the sensing service can achieve, e.g: |
| Cont | [S1-232053](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232053.zip) | Xiaomi | Pseudo-CR on Overview – 4.2 Sensing operation section | Merge to S1-232280 |  |
| Cont | [S1-232054](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232054.zip) | Xiaomi | Pseudo-CR on Overview – 4.3 Key parameters section | Revised to S1-232425 |  |
| Cont | [S1-232425](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232425.zip) | Xiaomi | Pseudo-CR on Overview – 4.3 Key parameters section | Noted | Revision of S1-232054.  Keep this document open. Qualcomm requests time to review. |
| Cont | [S1-232111](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232111.zip) | vivo | TS22.137 Overview section key attributes during sensing operation descriptions | Merge to S1-232425 |  |
| Section 5 | | | | | |
| Cont | [S1-232134](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232134.zip) | ZTE, Deutsche Telekom, Apple, China Telecom, Nokia | Sensing TS 5.1 Description | Revised to S1-232427 |  |
| Cont | [S1-232427](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232427.zip) | ZTE, Deutsche Telekom, Apple, China Telecom, Nokia | Sensing TS 5.1 Description | Revised to S1-232444 | Revision of S1-232134. |
| Cont | [S1-232444](file:///E:\TSGS1_103_Gothenburg\docs\S1-232444.zip) | ZTE, Deutsche Telekom, Apple, China Telecom, Nokia | Sensing TS 5.1 Description | Agreed | *Revision of S1-232134.*  Revision of S1-232427. |
| Cont | [S1-232055](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232055.zip) | Xiaomi | Pseudo-CR on 5.2 Requirements – 5.2.1 General subsection | Revised to S1-232446 |  |
| Cont | [S1-232446](file:///E:\TSGS1_103_Gothenburg\docs\S1-232446.zip) | Xiaomi | Pseudo-CR on 5.2 Requirements – 5.2.1 General subsection | Revised to S1-232471 | Revision of S1-232055. |
| Cont | [S1-232471](file:///E:\TSGS1_103_Gothenburg\docs\S1-232471.zip) | Xiaomi | Pseudo-CR on 5.2 Requirements – 5.2.1 General subsection | Agreed | *Revision of S1-232055.*  Revision of S1-232446.  The 5G system shall be able to provide sensing service to detect, identify and/or track one or more objects (e.g., UAVs, birds) and the environment around the object(s).  Editor’s note: Identify is FFS.  And in not 2 we use singular. |
| Cont | [S1-232084](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232084.zip) | China Mobile | pCR on 5G Wireless sensing configuration and authorization requirements | Merge to S1-232268 |  |
| Cont | [S1-232112](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232112.zip) | vivo, Huawei | TS22.137 Configuration and Authorization section | Revised to S1-232268 |  |
| Cont | [S1-232268](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232268.zip) | vivo, Huawei | TS22.137 Configuration and Authorization section | Revised to S1-232440 | Revision of S1-232112. |
| Cont | [S1-232440](file:///E:\TSGS1_103_Gothenburg\docs\S1-232440.zip) | vivo, Huawei | TS22.137 Configuration and Authorization section | Revised to S1-232472 | *Revision of S1-232112.*  Revision of S1-232268. |
| Cont | [S1-232472](file:///E:\TSGS1_103_Gothenburg\docs\S1-232472.zip) | vivo, Huawei | TS22.137 Configuration and Authorization section | Agreed | *Revision of S1-232112.*  *Revision of S1-232268.*  Revision of S1-232440.  Track changes only for the new text which is not in the skeleton. |
| Cont | [S1-232114](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232114.zip) | China Mobile | pCR on 5G Wireless sensing security requirement | Merge to S1-232429 |  |
| Cont | [S1-232115](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232115.zip) | China Mobile | pCR on 5G Wireless sensing charging requirement | Merge to S1-232428 |  |
| Cont | [S1-232165](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232165.zip) | China Telecom | Pseudo-CR on adding charging requirement for sensing service | Revised to S1-232428 |  |
| Cont | [S1-232428](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232428.zip) | China Telecom | Pseudo-CR on adding charging requirement for sensing service | Agreed | Revision of S1-232165. |
| Cont | [S1-232137](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232137.zip) | ZTE, Deutsche Telekom | 5.2 5G Wireless sensing service Requirements - General | Revised to S1-232445 |  |
| Cont | [S1-232445](file:///E:\TSGS1_103_Gothenburg\docs\S1-232445.zip) | ZTE, Deutsche Telekom | 5.2 5G Wireless sensing service Requirements - General | Agreed | Revision of S1-232137. |
| Cont | [S1-232174](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232174.zip) | Apple, BMWK, vivo | Proposal for Sensing Notifications | Noted |  |
| Cont | [S1-232175](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232175.zip) | Apple, BMWK, vivo | Pseudo-CR on Sensing Notifications | Revised to S1-232447 |  |
| Cont | [S1-232447](file:///E:\TSGS1_103_Gothenburg\docs\S1-232447.zip) | Apple, BMWK, vivo | Pseudo-CR on Sensing Notifications | Withdrawn | Revision of S1-232175. |
| Cont | [S1-232176](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232176.zip) | Apple, Xiaomi | Pseudo-CR on Sensing Security description | Revised to S1-232474 |  |
| Cont | [S1-232474](file:///E:\TSGS1_103_Gothenburg\docs\S1-232474.zip) | Apple, Xiaomi | Pseudo-CR on Sensing Security description | Revised to S1-232658 | Revision of S1-232176. |
| Cont | [S1-232658](file:///E:\TSGS1_103_Gothenburg\docs\S1-232658.zip) | Apple, Xiaomi | Pseudo-CR on Sensing Security description | Revised to S1-232660 | *Revision of S1-232176.*  Revision of S1-232474. |
| Cont | [S1-232660](file:///E:\TSGS1_103_Gothenburg\docs\S1-232660.zip) | Apple, Xiaomi | Pseudo-CR on Sensing Security description | Agreed | *Revision of S1-232176.*  *Revision of S1-232474.*  Revision of S1-232658.  The introduction of sensing capabilities can enable tracking and potentially identification of objects or people in the environment, including people not carrying UEs. |
| Cont | [S1-232448](file:///E:\TSGS1_103_Gothenburg\docs\S1-232448.zip) | Apple, Xiaomi | Pseudo-CR on Sensing Security description – part 2 | Revised to S1-232473 | Revision of S1-232176. |
| Cont | [S1-232473](file:///E:\TSGS1_103_Gothenburg\docs\S1-232473.zip) | Apple, Xiaomi | Pseudo-CR on Sensing Security description – part 2 | Noted | *Revision of S1-232176.*  Revision of S1-232448. |
| Cont | [S1-232188](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232188.zip) | Huawei, vivo | 22.137 pCR on network exposure | Revised to S1-232449 |  |
| Cont | [S1-232449](file:///E:\TSGS1_103_Gothenburg\docs\S1-232449.zip) | Huawei, vivo | 22.137 pCR on network exposure | Revised to S1-232475 | Revision of S1-232188. |
| Cont | [S1-232475](file:///E:\TSGS1_103_Gothenburg\docs\S1-232475.zip) | Huawei, vivo | 22.137 pCR on network exposure | Agreed | *Revision of S1-232188.*  Revision of S1-232449. |
| Cont | [S1-232215](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232215.zip) | Xiaomi | Adding Security requirements to 22.137 | Revised to S1-232429 |  |
| Cont | [S1-232429](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232429.zip) | Xiaomi | Adding Security requirements to 22.137 | Revised to S1-232424 | Revision of S1-232215. |
| Cont | [S1-232424](file:///E:\TSGS1_103_Gothenburg\docs\S1-232424.zip) | Xiaomi | Adding Security requirements to 22.137 | Revised to S1-232476 | *Revision of S1-232215.*  Revision of S1-232429. |
| Cont | [S1-232476](file:///E:\TSGS1_103_Gothenburg\docs\S1-232476.zip) | Xiaomi | Adding Security requirements to 22.137 | Agreed | *Revision of S1-232215.*  *Revision of S1-232429.*  Revision of S1-232424. |
| Section 6 | | | | | |
| Cont | [S1-232064](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232064.zip) | Nokia, Nokia Shanghai Bell, Deutsche Telekom | Pseudo-CR on 5G Wireless sensing performance requirements | Revised to S1-232599 |  |
| Cont | [S1-232599](file:///E:\TSGS1_103_Gothenburg\Docs\SA1103_GoteborgdocsS1-232599.zip#103_GoteborgdocsS1-232599.zip) | Nokia, Nokia Shanghai Bell, Deutsche Telekom | Pseudo-CR on 5G Wireless sensing performance requirements | Revised to S1-232617 | Revision of S1-232064. |
| Cont | [S1-232617](file:///E:\TSGS1_103_Gothenburg\docs\S1-232617.zip) | Nokia, Nokia Shanghai Bell, Deutsche Telekom | Pseudo-CR on 5G Wireless sensing performance requirements | Revised to S1-232622 | *Revision of S1-232064.*  Revision of S1-232599. |
| Cont | [S1-232622](file:///E:\TSGS1_103_Gothenburg\docs\S1-232622.zip) | Nokia, Nokia Shanghai Bell, Deutsche Telekom | Pseudo-CR on 5G Wireless sensing performance requirements | Revised to S1-232642 | *Revision of S1-232064.*  *Revision of S1-232599.*  Revision of S1-232617. |
| Cont | [S1-232642](file:///E:\TSGS1_103_Gothenburg\docs\S1-232642.zip) | Nokia, Nokia Shanghai Bell, Deutsche Telekom | Pseudo-CR on 5G Wireless sensing performance requirements | Agreed | *Revision of S1-232064.*  *Revision of S1-232599.*  *Revision of S1-232617.*  Revision of S1-232622. |
| Cont | [S1-232057](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232057.zip) | Xiaomi | General description for sensing services | Noted |  |
| Cont | [S1-232171](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232171.zip) | Huawei | 22.137 pCR on network exposure | Withdrawn |  |
| Sensing Output | | | | | |
| TS | [S1-232587](file:///E:\TSGS1_103_Gothenburg\docs\S1-232587.zip) | Rapporteur (Deutsche Telekom) | Cover sheet of the TS22.137 for information | Agreed |  |
| TS | [S1-232588](file:///E:\TSGS1_103_Gothenburg\docs\S1-232588.zip) | Rapporteur (Deutsche Telekom) | TS 22.137v0.1.0 Integrated Sensing and Communication | Agreed | First draft by Tuesday 29th 23:00 UTC  Comments till Thursday 31st 23:00 UTC  Final version by Friday 1st 23:00 UTC |
| AmbientIoT | | | | | |
| FS\_AmbientIoT: Study on Ambient power-enabled Internet of Things [[SP-220085](https://www.3gpp.org/ftp/tsg_sa/TSG_SA/TSGS_95E_Electronic_2022_03/Docs/SP-220085.zip)] | | | | | |
| **Work status prior to this meeting:**  Rapporteur: Weijie Xu (OPPO)  Latest version: [TR 22.840v1.2.0](https://www.3gpp.org/ftp/Specs/archive/22_series/22.840/22840-120.zip)  Target completion date: SA#98 (06/2023)  Percentage completion: 90% | | | | | |
| General | | | | | |
| Cont | [S1-232178](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232178.zip) | OPPO | Pseudo-CR on TR Clean-up | Agreed |  |
| Cont | [S1-232033](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232033.zip) | OPPO | pCR on reference to EPC Tag Data Standard | Agreed |  |
| Cont | [S1-232123](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232123.zip) | OPPO | Adding definition for communication mode | Revised to S1-232315 |  |
| Cont | [S1-232315](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232315.zip) | OPPO | Adding definition for communication mode | Agreed | Revision of S1-232123. |
| Cont | [S1-232177](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232177.zip) | Apple, OPPO | Pseudo-CR on Ambient IoT Overview Clean-up | Revised to S1-232300 |  |
| Cont | [S1-232300](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232300.zip) | Apple, OPPO | Pseudo-CR on Ambient IoT Overview Clean-up | Revised to S1-232379 | Revision of S1-232177. |
| Cont | [S1-232379](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232379.zip) | Apple, OPPO | Pseudo-CR on Ambient IoT Overview Clean-up | Agreed | *Revision of S1-232177.*  Revision of S1-232300. |
| Update Use cases | | | | | |
| Cont | [S1-232013](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232013.zip) | Vodafone | Pseudo-CR on update to clause 5.26 | Revised to S1-232286 |  |
| Cont | [S1-232286](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232286.zip) | Vodafone | Pseudo-CR on update to clause 5.26 | Revised to S1-232301 | Revision of S1-232013. |
| Cont | [S1-232301](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232301.zip) | Vodafone | Pseudo-CR on update to clause 5.26 | Revised to S1-232348 | *Revision of S1-232013.*  Revision of S1-232286. |
| Cont | [S1-232348](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232348.zip) | Vodafone | Pseudo-CR on update to clause 5.26 | Withdrawn | *Revision of S1-232013.*  *Revision of S1-232286.*  Revision of S1-232301. |
| Cont | [S1-232063](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232063.zip) | SHARP | Pseudo-CR to update service flow and potential requirements of Ambient IoT use case on Device Permanent Deactivation. | Revised to S1-232302 |  |
| Cont | [S1-232302](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232302.zip) | SHARP | Pseudo-CR to update service flow and potential requirements of Ambient IoT use case on Device Permanent Deactivation. | Revised to S1-232349 | Revision of S1-232063. |
| Cont | [S1-232349](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232349.zip) | SHARP | Pseudo-CR to update service flow and potential requirements of Ambient IoT use case on Device Permanent Deactivation. | Agreed | *Revision of S1-232063.*  Revision of S1-232302. |
| Cont | [S1-232098](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232098.zip) | vivo, OPPO | Update of KPI in Use case 12 | Revised to S1-232303 |  |
| Cont | [S1-232303](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232303.zip) | vivo, OPPO | Update of KPI in Use case 12 | Agreed | Revision of S1-232098. |
| Cont | [S1-232141](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232141.zip) | China Telecom | Pseudo-CR to update KPI in clause 5.6 | Revised to S1-232279 |  |
| Cont | [S1-232279](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232279.zip) | China Telecom | Pseudo-CR to update KPI in clause 5.6 | Agreed | Revision of S1-232141. |
| Cont | [S1-232145](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232145.zip) | ZTE | Remove the [] in KPI table of UC5.30 | Revised to S1-232304 |  |
| Cont | [S1-232304](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232304.zip) | ZTE | Remove the [] in KPI table of UC5.30 | Agreed | Revision of S1-232145. |
| Cont | [S1-232147](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232147.zip) | China Mobile, Haier | pCR for use case: Ambient\_IoT for automated warehousing | Revised to S1-232305 |  |
| Cont | [S1-232305](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232305.zip) | China Mobile, Haier | pCR for use case: Ambient\_IoT for automated warehousing | Agreed | Revision of S1-232147. |
| Cont | [S1-232148](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232148.zip) | China Mobile | Discussion of device density in Ambient\_IoT for automated warehousing | Noted |  |
| Cont | [S1-232149](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232149.zip) | China Mobile | pCR for Use Case Ambient IoT for Base Station Machine Room Environmental Supervision | Agreed |  |
| Cont | [S1-232157](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232157.zip) | Huawei | Pseudo-CR on updates to KIP table for Intralogistics (clause 5.5) | Agreed |  |
| Cont | [S1-232159](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232159.zip) | Xiaomi | Pseudo-CR on Remove brackets in KPI table of use case 5.9 and 5.21 | Revised to S1-232306 |  |
| Cont | [S1-232306](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232306.zip) | Xiaomi | Pseudo-CR on Remove brackets in KPI table of use case 5.9 and 5.21 | Revised to S1-232355 | Revision of S1-232159. |
| Cont | [S1-232355](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232355.zip) | Xiaomi | Pseudo-CR on Remove brackets in KPI table of use case 5.9 and 5.21 | Agreed | *Revision of S1-232159.*  Revision of S1-232306. |
| Cont | [S1-232160](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232160.zip) | Huawei | Pseudo-CR on updates to add info for positioning accuracy value for clause 5.10 | Revised to S1-232307 |  |
| Cont | [S1-232307](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232307.zip) | Huawei | Pseudo-CR on updates to add info for positioning accuracy value for clause 5.10 | Revised to S1-232388 | Revision of S1-232160. |
| Cont | [S1-232388](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232388.zip) | Huawei | Pseudo-CR on updates to add info for positioning accuracy value for clause 5.10 | Agreed | *Revision of S1-232160.*  Revision of S1-232307. |
| Cont | [S1-232167](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232167.zip) | Huawei | Pseudo-CR on updates clause5\_13 BTSMachineRoom latency kpi | Revised to S1-232308 |  |
| Cont | [S1-232308](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232308.zip) | Huawei | Pseudo-CR on updates clause5\_13 BTSMachineRoom latency kpi | Revised to S1-232359 | Revision of S1-232167.  No presentation |
| Cont | [S1-232359](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232359.zip) | Huawei | Pseudo-CR on updates clause5\_13 BTSMachineRoom latency kpi | Agreed | *Revision of S1-232167.*  Revision of S1-232308. |
| Cont | [S1-232168](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232168.zip) | Huawei | Pseudo-CR on adding info for positioning accuracy value for clause 5.10 | Revised to S1-232309 |  |
| Cont | [S1-232309](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232309.zip) | Huawei | Pseudo-CR on adding info for positioning accuracy value for clause 5.10 | Revised to S1-232387 | Revision of S1-232168. |
| Cont | [S1-232387](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232387.zip) | Huawei | Pseudo-CR on adding info for positioning accuracy value for clause 5.10 | Agreed | *Revision of S1-232168.*  Revision of S1-232309. |
| Cont | [S1-232169](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232169.zip) | Huawei | Pseudo-CR on updates for clause5\_30 controllerAgriculture latency kpi | Revised to S1-232310 |  |
| Cont | [S1-232310](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232310.zip) | Huawei | Pseudo-CR on updates for clause5\_30 controllerAgriculture latency kpi | Agreed | Revision of S1-232169. |
| Cont | [S1-232170](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232170.zip) | Huawei | Pseudo-CR on updates Clause 5.24 square brackets removal for smart manhole cover safety monitoring Communication Range KPI | Revised to S1-232358 |  |
| Cont | [S1-232358](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232358.zip) | Huawei | Pseudo-CR on updates Clause 5.24 square brackets removal for smart manhole cover safety monitoring Communication Range KPI | Revised to S1-232380 | Revision of S1-232170. |
| Cont | [S1-232380](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232380.zip) | Huawei | Pseudo-CR on updates Clause 5.24 square brackets removal for smart manhole cover safety monitoring Communication Range KPI | Agreed | *Revision of S1-232170.*  Revision of S1-232358. |
| Cont | [S1-232172](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232172.zip) | Huawei | Pseudo-CR on updates for clause5\_25 comRange kpi-smartBridge | Agreed |  |
| Cont | [S1-232206](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232206.zip) | KPN | Removing Editor’s Note on ‘timers’ in clause 5.28 | Revised to S1-232311 |  |
| Cont | [S1-232311](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232311.zip) | KPN | Removing Editor’s Note on ‘timers’ in clause 5.28 | Revised to S1-232381 | Revision of S1-232206. |
| Cont | [S1-232381](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232381.zip) | KPN | Removing Editor’s Note on ‘timers’ in clause 5.28 | Agreed | *Revision of S1-232206.*  Revision of S1-232311.  No presentation |
| Update Traffic Scenario | | | | | |
| Cont | [S1-232212](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232212.zip) | KPN | Removal of square brackets in KPI tables 6.1.4-1 and 6.2.4-1 | Revised to S1-232278 |  |
| Cont | [S1-232278](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232278.zip) | KPN | Removal of square brackets in KPI tables 6.1.4-1 and 6.2.4-1 | Revised to S1-232312 | Revision of S1-232212. |
| Cont | [S1-232312](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232312.zip) | KPN | Removal of square brackets in KPI tables 6.1.4-1 and 6.2.4-1 | Revised to S1-232382 | *Revision of S1-232212.*  Revision of S1-232278. |
| Cont | [S1-232382](file:///E:\TSGS1_103_Gothenburg\docs\S1-232382.zip) | KPN | Removal of square brackets in KPI tables 6.1.4-1 and 6.2.4-1 | Revised to S1-232389 | *Revision of S1-232212.*  *Revision of S1-232278.*  Revision of S1-232312. |
| Cont | [S1-232389](file:///E:\TSGS1_103_Gothenburg\docs\S1-232389.zip) | KPN | Removal of square brackets in KPI tables 6.1.4-1 and 6.2.4-1 | Agreed | *Revision of S1-232212.*  *Revision of S1-232278.*  *Revision of S1-232312.*  Revision of S1-232382.  NOTE 1: Chance of communication service unavailability needs to be significantly lower than chance of errors in logistics handling. This communication service availability applies at application level, the communication service availability at radio level can be different. |
| Cont | [S1-232034](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232034.zip) | OPPO | pCR on KPIs for Ambient IoT traffic scenario on Electronic Shelf Label | Revised to S1-232313 |  |
| Cont | [S1-232313](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232313.zip) | OPPO | pCR on KPIs for Ambient IoT traffic scenario on Electronic Shelf Label | Agreed | Revision of S1-232034. |
| Consolidation and Conclusions | | | | | |
| Cont | [S1-232117](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232117.zip) | OPPO | Ambient IoT functional CPR | Revised to S1-232264 |  |
| Cont | [S1-232264](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232264.zip) | OPPO | Ambient IoT functional CPR | Revised to S1-232342 | Revision of S1-232117. |
| Cont | [S1-232342](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232342.zip) | OPPO | Ambient IoT functional CPR | Revised to S1-232391 | *Revision of S1-232117.*  Revision of S1-232264. |
| Cont | [S1-232391](file:///E:\TSGS1_103_Gothenburg\docs\S1-232391.zip) | OPPO | Ambient IoT functional CPR | Agreed | *Revision of S1-232117.*  *Revision of S1-232264.*  Revision of S1-232342.  Delete first requirement |
| Cont | [S1-232343](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232343.zip) | Qualcomm | Pseudo-CR on CPR proposals for Ambient IoT “communication with an AmbientIoT device” | Revised to S1-232383 | Revision of S1-232096. |
| Cont | [S1-232383](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232383.zip) | Qualcomm | Pseudo-CR on CPR proposals for Ambient IoT “communication with an AmbientIoT device” | Revised to S1-232390 | *Revision of S1-232096.*  Revision of S1-232343. |
| Cont | [S1-232390](file:///E:\TSGS1_103_Gothenburg\docs\S1-232390.zip) | Qualcomm | Pseudo-CR on CPR proposals for Ambient IoT “communication with an AmbientIoT device” | Revised to S1-232644 | *Revision of S1-232096.*  *Revision of S1-232343.*  Revision of S1-232383. |
| Cont | [S1-232644](file:///E:\TSGS1_103_Gothenburg\docs\S1-232644.zip) | Qualcomm | Pseudo-CR on CPR proposals for Ambient IoT “communication with an AmbientIoT device” | Agreed | *Revision of S1-232096.*  *Revision of S1-232343.*  *Revision of S1-232383.*  Revision of S1-232390.  Rewrite requirement in a bullet list. Clean up. Names on companies and not first names. |
| Cont | [S1-232096](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232096.zip) | Qualcomm | Pseudo-CR on CPR proposals for Ambient IoT | Revised to S1-232262 |  |
| Cont | [S1-232262](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232262.zip) | Qualcomm | Pseudo-CR on CPR proposals for Ambient IoT | Revised to S1-232344 | Revision of S1-232096. |
| Cont | [S1-232344](file:///E:\TSGS1_103_Gothenburg\docs\S1-232344.zip) | Qualcomm | Pseudo-CR on CPR proposals for Ambient IoT | Revised to S1-232619 | *Revision of S1-232096.*  Revision of S1-232262. |
| Cont | [S1-232619](file:///E:\TSGS1_103_Gothenburg\docs\S1-232619.zip) | Qualcomm | Pseudo-CR on CPR proposals for Ambient IoT | Agreed | *Revision of S1-232096.*  *Revision of S1-232262.*  Revision of S1-232344. |
| Cont | [S1-232263](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232263.zip) | Qualcomm | Pseudo-CR on CPR proposals for Ambient IoT “communication with 3rd party” | Revised to S1-232345 | Revision of S1-232096. |
| Cont | [S1-232345](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232345.zip) | Qualcomm | Pseudo-CR on CPR proposals for Ambient IoT “communication with 3rd party” | Revised to S1-232384 | *Revision of S1-232096.*  Revision of S1-232263. |
| Cont | [S1-232384](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232384.zip) | Qualcomm | Pseudo-CR on CPR proposals for Ambient IoT “communication with 3rd party” | Revised to S1-232392 | *Revision of S1-232096.*  *Revision of S1-232263.*  Revision of S1-232345. |
| Cont | [S1-232392](file:///E:\TSGS1_103_Gothenburg\docs\S1-232392.zip) | Qualcomm | Pseudo-CR on CPR proposals for Ambient IoT “communication with 3rd party” | Agreed | *Revision of S1-232096.*  *Revision of S1-232263.*  *Revision of S1-232345.*  Revision of S1-232384. |
| Cont | [S1-232226](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232226.zip) | Apple, KPN | Pseudo-CR on Ambient IoT On-demand access | Revised to S1-232258 |  |
| Cont | [S1-232258](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232258.zip) | Apple, KPN | Pseudo-CR on Ambient IoT On-demand access | Revised to S1-232340 | Revision of S1-232226. |
| Cont | [S1-232340](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232340.zip) | Apple, KPN | Pseudo-CR on Ambient IoT On-demand access | Revised to S1-232346 | *Revision of S1-232226.*  Revision of S1-232258. |
| Cont | [S1-232346](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232346.zip) | Apple, KPN | Pseudo-CR on Ambient IoT On-demand access | Noted | *Revision of S1-232226.*  *Revision of S1-232258.*  Revision of S1-232340. |
| Cont | [S1-232229](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232229.zip) | KPN | Pseudo-CR on Ambient IoT Security CPR | Revised to S1-232266 |  |
| Cont | [S1-232266](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232266.zip) | KPN | Pseudo-CR on Ambient IoT Security CPR | Revised to S1-232347 | Revision of S1-232229. |
| Cont | [S1-232347](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232347.zip) | KPN | Pseudo-CR on Ambient IoT Security CPR | Revised to S1-232393 | *Revision of S1-232229.*  Revision of S1-232266. |
| Cont | [S1-232393](file:///E:\TSGS1_103_Gothenburg\docs\S1-232393.zip) | KPN | Pseudo-CR on Ambient IoT Security CPR | Agreed | *Revision of S1-232229.*  *Revision of S1-232266.*  Revision of S1-232347.  The 5G system shall enable security protection suitable for Ambient IoT, without compromising overall 5G security protection. |
| Cont | [S1-232122](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232122.zip) | OPPO | Update of Consolidation of Ambient IoT functional CPR (other CPRs than 231456) | Revised to S1-232350 |  |
| Cont | [S1-232350](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232350.zip) | OPPO | Update of Consolidation of Ambient IoT functional CPR (other CPRs than 231456) | Revised to S1-232385 | Revision of S1-232122. |
| Cont | [S1-232385](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232385.zip) | OPPO | Update of Consolidation of Ambient IoT functional CPR (other CPRs than 231456) | Revised to S1-232394 | *Revision of S1-232122.*  Revision of S1-232350. |
| Cont | [S1-232394](file:///E:\TSGS1_103_Gothenburg\docs\S1-232394.zip) | OPPO | Update of Consolidation of Ambient IoT functional CPR (other CPRs than 231456) | Revised to S1-232645 | *Revision of S1-232122.*  *Revision of S1-232350.*  Revision of S1-232385. |
| Cont | [S1-232645](file:///E:\TSGS1_103_Gothenburg\docs\S1-232645.zip) | OPPO | Update of Consolidation of Ambient IoT functional CPR (other CPRs than 231456) | Agreed | *Revision of S1-232122.*  *Revision of S1-232350.*  *Revision of S1-232385.*  Revision of S1-232394.  Delete **CPR 7.1.3-c5** |
| Cont | [S1-232647](docs\S1-232647.zip) | OPPO | Update of Consolidation of Ambient IoT functional CPR (other CPRs than 231456) – part 2 | Agreed | To discuss previous **CPR 7.1.3-c5** |
| Cont | [S1-232127](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232127.zip) | OPPO, [CMCC, Futurewei, vivo, Huawei] | Consolidation on KPI for Ambient IoT (Revisio of S1-231766) | Revised to S1-232341 |  |
| Cont | [S1-232341](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232341.zip) | OPPO, [CMCC, Futurewei, vivo, Huawei] | Consolidation on KPI for Ambient IoT (Revisio of S1-231766) | Revised to S1-232351 | Revision of S1-232127. |
| Cont | [S1-232351](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232351.zip) | OPPO, [CMCC, Futurewei, vivo, Huawei] | Consolidation on KPI for Ambient IoT (Revisio of S1-231766) | Revised to S1-232386 | *Revision of S1-232127.*  Revision of S1-232341. |
| Cont | [S1-232386](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232386.zip) | OPPO, [CMCC, Futurewei, vivo, Huawei] | Consolidation on KPI for Ambient IoT (Revision of S1-231766) | Revised to S1-232399 | *Revision of S1-232127.*  *Revision of S1-232341.*  Revision of S1-232351. |
| Cont | [S1-232399](file:///E:\TSGS1_103_Gothenburg\docs\S1-232399.zip) | OPPO, [CMCC, Futurewei, vivo, Huawei] | Consolidation on KPI for Ambient IoT (Revision of S1-231766) | Revised to S1-232648 | *Revision of S1-232127.*  *Revision of S1-232341.*  *Revision of S1-232351.*  Revision of S1-232386. |
| Cont | [S1-232648](file:///E:\TSGS1_103_Gothenburg\docs\S1-232648.zip) | OPPO, [CMCC, Futurewei, vivo, Huawei] | Consolidation on KPI for Ambient IoT (Revision of S1-231766) | Agreed | *Revision of S1-232127.*  *Revision of S1-232341.*  *Revision of S1-232351.*  *Revision of S1-232386.*  Revision of S1-232399.  Accept changes and clean the document |
| Cont | [S1-232128](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232128.zip) | OPPO | Conclusions for TR22840 | Revised to S1-232352 |  |
| Cont | [S1-232352](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232352.zip) | OPPO | Conclusions for TR22840 | Agreed | Revision of S1-232128. |
| Cont | S1-232030 | OPPO | Assessment of UICC for Ambient IoT devices | Withdrawn |  |
| Cont | S1-232031 | OPPO | pCR to further clarify on Ambient IoT device definition and UICC | Withdrawn |  |
| Cont | S1-232032 | OPPO | pCR on UICC considerations for Ambient IoT devices | Withdrawn |  |
| AmbientIoT: Ambient power-enabled Internet of Things | | | | | |
| Cont | [S1-232132](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232132.zip) | OPPO | Skeleton for new TS on Ambient IoT - if new TS would be needed | Revised to S1-232374 |  |
| Cont | [S1-232374](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232374.zip) | OPPO | Skeleton for new TS on Ambient IoT - if new TS would be needed | Agreed | Revision of S1-232132. |
| Cont | [S1-232133](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232133.zip) | OPPO | Scope for Ambient IoT TS | Revised to S1-232273 |  |
| Cont | [S1-232273](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232273.zip) | OPPO | Scope for Ambient IoT TS | Revised to S1-232375 | Revision of S1-232133. |
| Cont | [S1-232375](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232375.zip) | OPPO | Scope for Ambient IoT TS | Revised to S1-232396 | *Revision of S1-232133.*  Revision of S1-232273. |
| Cont | [S1-232396](file:///E:\TSGS1_103_Gothenburg\docs\S1-232396.zip) | OPPO | Scope for Ambient IoT TS | Agreed | *Revision of S1-232133.*  *Revision of S1-232273.*  Revision of S1-232375.  Editorials and format of the Note. Ambient IoT consistenly through the text. |
| Cont | [S1-232136](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232136.zip) | OPPO | Overview for Ambient IoT TS | Merge into S1-232265 |  |
| Cont | [S1-232228](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232228.zip) | KPN | Alternative Overview section for Ambient IoT TS | Revised to S1-232265 |  |
| Cont | [S1-232265](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232265.zip) | KPN | Alternative Overview section for Ambient IoT TS | Revised to S1-232372 | Revision of S1-232228. |
| Cont | [S1-232372](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232372.zip) | KPN | Alternative Overview section for Ambient IoT TS | Revised to S1-232376 | *Revision of S1-232228.*  Revision of S1-232265. |
| Cont | [S1-232376](file:///E:\TSGS1_103_Gothenburg\docs\S1-232376.zip) | KPN | Alternative Overview section for Ambient IoT TS | Revised to S1-232397 | *Revision of S1-232228.*  *Revision of S1-232265.*  Revision of S1-232372. |
| Cont | [S1-232397](file:///E:\TSGS1_103_Gothenburg\docs\S1-232397.zip) | KPN | Alternative Overview section for Ambient IoT TS | Revised to S1-232649 | *Revision of S1-232228.*  *Revision of S1-232265.*  *Revision of S1-232372.*  Revision of S1-232376. |
| Cont | [S1-232649](file:///E:\TSGS1_103_Gothenburg\docs\S1-232649.zip) | KPN | Alternative Overview section for Ambient IoT TS | Agreed | *Revision of S1-232228.*  *Revision of S1-232265.*  *Revision of S1-232372.*  *Revision of S1-232376.*  Revision of S1-232397.  Clean the colors and no changes on changes. |
| Cont | [S1-232139](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232139.zip) | OPPO | Input to new TS - Ambient IoT functional requirements | Revised to S1-232353 |  |
| Cont | [S1-232353](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232353.zip) | OPPO | Input to new TS - Ambient IoT functional requirements | Revised to S1-232377 | Revision of S1-232139. |
| Cont | [S1-232377](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232377.zip) | OPPO | Input to new TS - Ambient IoT functional requirements | Revised to S1-232398 | *Revision of S1-232139.*  Revision of S1-232353. |
| Cont | [S1-232398](file:///E:\TSGS1_103_Gothenburg\docs\S1-232398.zip) | OPPO | Input to new TS - Ambient IoT functional requirements | Revised to S1-232643 | *Revision of S1-232139.*  *Revision of S1-232353.*  Revision of S1-232377. |
| Cont | [S1-232643](file:///E:\TSGS1_103_Gothenburg\docs\S1-232643.zip) | OPPO | Input to new TS - Ambient IoT functional requirements | Revised to S1-232650 | *Revision of S1-232139.*  *Revision of S1-232353.*  *Revision of S1-232377.*  Revision of S1-232398. |
| Cont | [S1-232650](file:///E:\TSGS1_103_Gothenburg\docs\S1-232650.zip) | OPPO | Input to new TS - Ambient IoT functional requirements | Revised to S1-232664 | *Revision of S1-232139.*  *Revision of S1-232353.*  *Revision of S1-232377.*  *Revision of S1-232398.*  Revision of S1-232643. |
| Cont | [S1-232664](docs\S1-232664.zip) | OPPO | Input to new TS - Ambient IoT functional requirements | Agreed | *Revision of S1-232139.*  *Revision of S1-232353.*  *Revision of S1-232377.*  *Revision of S1-232398.*  *Revision of S1-232643.*  Revision of S1-232650.  Last req will be updated to  Based on subscription and operator policies, the 5G system shall authorize an Ambient IoT capable UE to communicate with a specific Ambient IoT device or with a group of Ambient IoT devices. |
| Cont | [S1-232138](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232138.zip) | OPPO | Input to new TS - Ambient IoT performance requirements | Revised to S1-232354 |  |
| Cont | [S1-232354](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232354.zip) | OPPO | Input to new TS - Ambient IoT performance requirements | Revised to S1-232378 | Revision of S1-232138. |
| Cont | [S1-232378](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232378.zip) | OPPO | Input to new TS - Ambient IoT performance requirements | Revised to S1-232629 | *Revision of S1-232138.*  Revision of S1-232354. |
| Cont | [S1-232629](file:///E:\TSGS1_103_Gothenburg\docs\S1-232629.zip) | OPPO | Input to new TS - Ambient IoT performance requirements | Revised to S1-232651 | *Revision of S1-232138.*  *Revision of S1-232354.*  Revision of S1-232378. |
| Cont | [S1-232651](file:///E:\TSGS1_103_Gothenburg\docs\S1-232651.zip) | OPPO | Input to new TS - Ambient IoT performance requirements | Agreed | *Revision of S1-232138.*  *Revision of S1-232354.*  *Revision of S1-232378.*  Revision of S1-232629. |
| Cont | [S1-232140](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232140.zip) | OPPO | TS.22.261\_Adding clause for Ambient IoT | Noted |  |
| WID | [S1-232129](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232129.zip) | OPPO | New WID on Ambient power-enabled Internet of Things | Moved to 4 |  |
| AmbientIoT Output | | | | | |
| TR | [S1-232589](docs\S1-232589.zip) | Rapporteur (OPPO) | Cover sheet of the TR 22.840 for approval | Agreed |  |
| TR | [S1-232590](docs\S1-232590.zip) | Rapporteur (OPPO) | TR 22.840v1.3.0 Study on Ambient power-enabled Internet of Things | Agreed | First draft by Tuesday 29th 23:00 UTC  Comments till Thursday 31st 23:00 UTC  Final version by Friday 1st 23:00 UTC |
| TS | [S1-232591](docs\S1-232591.zip) | Rapporteur (OPPO) | Cover sheet of the TS 22.xxx for info | Revised to S1-232665 |  |
| TS | [S1-232665](docs\S1-232665.zip) | Rapporteur (OPPO) | Cover sheet of the TS 22.xxx for info | Agreed | Revision of S1-232591.  Percentage of completion is 80% |
| TS | [S1-232592](docs\S1-232592.zip) | Rapporteur (OPPO) | TS 22.xxxv0.1.0 Study on Ambient power-enabled Internet of Things | Agreed | First draft by Tuesday 29th 23:00 UTC  Comments till Thursday 31st 23:00 UTC  Final version by Friday 1st 23:00 UTC |
| Metaverse | | | | | |
| FS\_Metaverse: Study on Localized Mobile Metaverse Services [[SP-220353](https://www.3gpp.org/ftp/tsg_sa/TSG_SA/TSGS_95E_Electronic_2022_03/Docs/SP-220353.zip)] | | | | | |
| **Work status prior to this meeting:**  Rapporteur: Erik Guttman (Samsung)  Latest version: [TR 22.856v19.0.0](https://www.3gpp.org/ftp/Specs/archive/22_series/22.856/22856-j00.zip)  Target completion date: SA#99 (06/2023)  Percentage completion: 90% | | | | | |
| CR | [S1-232068](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232068.zip) | Samsung, Huawei | 22.856v19.0.0 Clean Up | Agreed | *WI* FS\_Metaverse *Rel-19 CR*0001*R- Cat F*  *Should be cat D* |
| CR | [S1-232069](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232069.zip) | Samsung, Huawei, Nokia, Nokia Shanghai Bell, NTT DOCOMO | 22.856v19.0.0 Addition of consolidated requirements | Revised to S1-232400 | *WI* FS\_Metaverse *Rel-19 CR*0002*R- Cat F* |
| CR | [S1-232400](file:///E:\TSGS1_103_Gothenburg\Docs\SA1103_GoteborgdocsS1-232400.zip#103_GoteborgdocsS1-232400.zip) | Samsung, Huawei, Nokia, Nokia Shanghai Bell, NTT DOCOMO | 22.856v19.0.0 Addition of consolidated requirements | Revised to S1-232415 | *WI FS\_Metaverse Rel-19 CR0002R- Cat F*  Revision of S1-232069. |
| CR | [S1-232415](file:///E:\TSGS1_103_Gothenburg\docs\S1-232415.zip) | Samsung, Huawei, Nokia, Nokia Shanghai Bell, NTT DOCOMO | 22.856v19.0.0 Addition of consolidated requirements | Revised to S1-232477 | *WI FS\_Metaverse Rel-19 CR0002R- Cat F*  *Revision of S1-232069.*  Revision of S1-232400.  No changes on changes and update the last note to the present document |
| CR | [S1-232477](file:///E:\TSGS1_103_Gothenburg\docs\S1-232477.zip) | Samsung, Huawei, Nokia, Nokia Shanghai Bell, NTT DOCOMO | 22.856v19.0.0 Addition of consolidated requirements | Agreed | *WI FS\_Metaverse Rel-19 CR0002R- Cat F*  *Revision of S1-232069.*  *Revision of S1-232400.*  *No changes on changes and update the last note to the present document*  Revision of S1-232415. |
| CR | [S1-232110](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232110.zip) | China Telecom | 22.856v19.0.0 consolidation of requirements on digital assets | Revised to S1-232401 | *WI* FS\_Metaverse *Rel-19 CR*0004*R- Cat F* |
| CR | [S1-232401](file:///E:\TSGS1_103_Gothenburg\Docs\SA1103_GoteborgdocsS1-232401.zip#103_GoteborgdocsS1-232401.zip) | China Telecom | 22.856v19.0.0 consolidation of requirements on digital assets | Revised to S1-232416 | *WI FS\_Metaverse Rel-19 CR0004R- Cat F*  Revision of S1-232110. |
| CR | [S1-232416](file:///E:\TSGS1_103_Gothenburg\Docs\S1-222416.zip) | China Telecom | 22.856v19.0.0 consolidation of requirements on digital assets | Agreed | *WI FS\_Metaverse Rel-19 CR0004R- Cat F*  *Revision of S1-232110.*  Revision of S1-232401.  Remove change on change, add text Summary of change |
| CR | [S1-232119](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232119.zip) | vivo | 22.856v19.0.0 Update on the consolidate requirements for coordination and synchronization of data flows | Merge to S1-232400 | *WI* FS\_Metaverse *Rel-19 CR*0005*R- Cat F* |
| CR | [S1-232120](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232120.zip) | vivo | 22.856v19.0.0 Update on the consolidate requirements for end to end round trip latency | Merge to S1-232403 | *WI* FS\_Metaverse *Rel-19 CR*0006*R- Cat F* |
| CR | [S1-232191](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232191.zip) | Philips | 22.856v19.0.0 Clarification of use case 5.9 for requirement consolidation | Revised to S1-232402 | *WI* FS\_Metaverse *Rel-19 CR*0007*R- Cat F* |
| CR | [S1-232402](file:///E:\TSGS1_103_Gothenburg\Docs\SA1103_GoteborgdocsS1-232402.zip#103_GoteborgdocsS1-232402.zip) | Philips | 22.856v19.0.0 Clarification of use case 5.9 for requirement consolidation | Revised to S1-232423 | *WI FS\_Metaverse Rel-19 CR0007R- Cat F*  Revision of S1-232191. |
| CR | [S1-232423](file:///E:\TSGS1_103_Gothenburg\docs\S1-232423.zip) | Philips | 22.856v19.0.0 Clarification of use case 5.9 for requirement consolidation | Agreed | *WI FS\_Metaverse Rel-19 CR0007R- Cat F*  *Revision of S1-232191.*  Revision of S1-232402. |
| CR | [S1-232085](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232085.zip) | Huawei, Nokia, Nokia Shanghai Bell, Samsung | 22.856v19.0.0 Addition of consolidated KPI requirements | Revised to S1-232403 | *WI* FS\_Metaverse *Rel-19 CR*0003*R- Cat F* |
| CR | [S1-232403](file:///E:\TSGS1_103_Gothenburg\Docs\SA1103_GoteborgdocsS1-232403.zip#103_GoteborgdocsS1-232403.zip) | Huawei, Nokia, Nokia Shanghai Bell, Samsung | 22.856v19.0.0 Addition of consolidated KPI requirements | Agreed | *WI FS\_Metaverse Rel-19 CR0003R- Cat F*  Revision of S1-232085. |
| Cont | [S1-232218](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232218.zip) | Orange, Samsung | 22.856 CR – addition of “Digital wallet” in section 3 Definitions of terms, symbols and abbreviations | Agreed |  |
| Metaverse: Mobile Metaverse Services [[SP-230509](https://www.3gpp.org/ftp/TSG_SA/TSG_SA/TSGS_100_Taipei_2023-06/Docs/SP-230509.zip)] | | | | | |
| **Work status prior to this meeting:**  Rapporteur: Erik Guttman (Samsung)  Latest version: TS22.156v0.0.0  Target completion date: SA#102 (12/2023)  Percentage completion: 0% | | | | | |
| General | | | | | |
| Cont | [S1-232072](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232072.zip) | Rapporteur (Samsung) | 22.156 Skeleton | Revised to S1-232261 |  |
| Cont | [S1-232261](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232261.zip) | Rapporteur (Samsung) | 22.156 Skeleton | Revised to S1-232405 | Revision of S1-232072. |
| Cont | [S1-232405](file:///E:\TSGS1_103_Gothenburg\Docs\SA1103_GoteborgdocsS1-232405.zip#103_GoteborgdocsS1-232405.zip) | Rapporteur (Samsung) | 22.156 Skeleton | Revised to S1-232605 | *Revision of S1-232072.*  Revision of S1-232261. |
| Cont | [S1-232605](file:///E:\TSGS1_103_Gothenburg\docs\S1-232605.zip) | Rapporteur (Samsung) | 22.156 Skeleton | Agreed | *Revision of S1-232072.*  *Revision of S1-232261.*  Revision of S1-232405. |
| Cont | [S1-232074](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232074.zip) | Samsung | 22.156 pCR 1 Scope | Agreed |  |
| Cont | [S1-232083](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232083.zip) | Samsung, Huawei | 22.156 pCR 2 References | Revised to S1-232406 |  |
| Cont | [S1-232406](file:///E:\TSGS1_103_Gothenburg\Docs\SA1103_GoteborgdocsS1-232406.zip#103_GoteborgdocsS1-232406.zip) | Samsung, Huawei | 22.156 pCR 2 References | Agreed | Revision of S1-232083. |
| Cont | [S1-232075](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232075.zip) | Samsung, Huawei, Orange | 22.156 pCR 3 Terminology and Acronyms | Revised to S1-232407 |  |
| Cont | [S1-232407](file:///E:\TSGS1_103_Gothenburg\Docs\SA1103_GoteborgdocsS1-232407.zip#103_GoteborgdocsS1-232407.zip) | Samsung, Huawei, Orange | 22.156 pCR 3 Terminology and Acronyms | Agreed | Revision of S1-232075. |
| Cont | [S1-232076](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232076.zip) | Samsung | 22.156 pCR 4 Overview | Agreed |  |
| Section 5 & 6 (Consolidattion | | | | | |
| Cont | [S1-232077](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232077.zip) | Samsung, Huawei | 22.156 pCR 5.1.1 General Requirements, Operational efficiency, exposure, and coordination | Revised to S1-232408 |  |
| Cont | [S1-232408](file:///E:\TSGS1_103_Gothenburg\Docs\SA1103_GoteborgdocsS1-232408.zip#103_GoteborgdocsS1-232408.zip) | Samsung, Huawei | 22.156 pCR 5.1.1 General Requirements, Operational efficiency, exposure, and coordination | Revised to S1-232417 | Revision of S1-232077. |
| Cont | [S1-232417](file:///E:\TSGS1_103_Gothenburg\docs\S1-232417.zip) | Samsung, Huawei | 22.156 pCR 5.1.1 General Requirements, Operational efficiency, exposure, and coordination | Revised to S1-232478 | *Revision of S1-232077.*  Revision of S1-232408. |
| Cont | [S1-232478](file:///E:\TSGS1_103_Gothenburg\docs\S1-232478.zip) | Samsung, Huawei | 22.156 pCR 5.1.1 General Requirements, Operational efficiency, exposure, and coordination | Agreed | *Revision of S1-232077.*  *Revision of S1-232408.*  Revision of S1-232417. |
| Cont | [S1-232078](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232078.zip) | Samsung | 22.156 pCR 5.2.1 Localized mobile metaverse service | Revised to S1-232409 |  |
| Cont | [S1-232409](file:///E:\TSGS1_103_Gothenburg\Docs\SA1103_GoteborgdocsS1-232409.zip#103_GoteborgdocsS1-232409.zip) | Samsung | 22.156 pCR 5.2.1 Localized mobile metaverse service | Revised to S1-232418 | Revision of S1-232078. |
| Cont | [S1-232418](file:///E:\TSGS1_103_Gothenburg\Docs\S1-222418.zip) | Samsung | 22.156 pCR 5.2.1 Localized mobile metaverse service | Revised to S1-232623 | *Revision of S1-232078.*  Revision of S1-232409. |
| Cont | [S1-232623](file:///E:\TSGS1_103_Gothenburg\docs\S1-232623.zip) | Samsung | 22.156 pCR 5.2.1 Localized mobile metaverse service | Agreed | *Revision of S1-232078.*  *Revision of S1-232409.*  Revision of S1-232418. |
| Cont | [S1-232060](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232060.zip) | AsiaInfo, Samsung, China Unicom, Huawei | 22.156 pCR 5.2.2 Avatar-based real-time communication | Revised to S1-232410 |  |
| Cont | [S1-232410](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232410.zip) | AsiaInfo, Samsung, China Unicom, Huawei | 22.156 pCR 5.2.2 Avatar-based real-time communication | Revised to S1-232419 | Revision of S1-232060. |
| Cont | [S1-232419](file:///E:\TSGS1_103_Gothenburg\docs\S1-232419.zip) | AsiaInfo, Samsung, China Unicom, Huawei | 22.156 pCR 5.2.2 Avatar-based real-time communication | Agreed | *Revision of S1-232060.*  Revision of S1-232410. |
| Cont | [S1-232061](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232061.zip) | AsiaInfo, Samsung, China Unicom, Huawei, Orange | 22.156 pCR 5.2.3 Digital Asset Management | Revised to S1-232411 |  |
| Cont | [S1-232411](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232411.zip) | AsiaInfo, Samsung, China Unicom, Huawei, Orange | 22.156 pCR 5.2.3 Digital Asset Management | Revised to S1-232420 | Revision of S1-232061. |
| Cont | [S1-232420](file:///E:\TSGS1_103_Gothenburg\docs\S1-232420.zip) | AsiaInfo, Samsung, China Unicom, Huawei, Orange | 22.156 pCR 5.2.3 Digital Asset Management | Revised to S1-232620 | *Revision of S1-232061.*  Revision of S1-232411. |
| Cont | [S1-232620](file:///E:\TSGS1_103_Gothenburg\docs\S1-232620.zip) | AsiaInfo, Samsung, China Unicom, Huawei, Orange | 22.156 pCR 5.2.3 Digital Asset Management | Agreed | *Revision of S1-232061.*  *Revision of S1-232411.*  Revision of S1-232420. |
| Cont | [S1-232086](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232086.zip) | Huawei, Samsung | 22.156 pCR 6 Performance requirements | Revised to S1-232412 |  |
| Cont | [S1-232412](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232412.zip) | Huawei, Samsung | 22.156 pCR 6 Performance requirements | Agreed | Revision of S1-232086. |
| Other Sections | | | | | |
| Cont | [S1-232079](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232079.zip) | Samsung, Huawei, NTT DOCOMO | 22.156 pCR 7 Security and privacy | Revised to S1-232413 |  |
| Cont | [S1-232413](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232413.zip) | Samsung, Huawei, NTT DOCOMO | 22.156 pCR 7 Security and privacy | Revised to S1-232421 | Revision of S1-232079. |
| Cont | [S1-232421](file:///E:\TSGS1_103_Gothenburg\docs\S1-232421.zip) | Samsung, Huawei, NTT DOCOMO | 22.156 pCR 7 Security and privacy | Agreed | *Revision of S1-232079.*  Revision of S1-232413. |
| Cont | [S1-232080](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232080.zip) | Samsung, Huawei | 22.156 pCR 8 Charging aspects | Agreed |  |
| Cont | [S1-232248](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232248.zip) | Nokia, Nokia Shanghai Bell, Samsung | 22.156 pCR on Annex on mobile metaverse services | Revised to S1-232414 |  |
| Cont | [S1-232414](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232414.zip) | Nokia, Nokia Shanghai Bell, Samsung | 22.156 pCR on Annex on mobile metaverse services | Revised to S1-232422 | Revision of S1-232248. |
| Cont | [S1-232422](file:///E:\TSGS1_103_Gothenburg\Docs\S1-222422.zip) | Nokia, Nokia Shanghai Bell, Samsung | 22.156 pCR on Annex on mobile metaverse services | Agreed | *Revision of S1-232248.*  Revision of S1-232414. |
| Cont | [S1-232218](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232218.zip) | Orange, Samsung | 22.856 CR – addition of “Digital wallet” in section 3 Definitions of terms, symbols and abbreviations | Moved to 7.3.1 |  |
| Cont | S1-232050 | AsiaInfo, Samsung, China Unicom, Huawei | 22.156 pCR 5.2.2 Avatar-based real-time communication | Withdrawn |  |
| Cont | S1-232051 | AsiaInfo, Samsung, China Unicom, Huawei, Orange | 22.156 pCR 5.2.3 Digital Asset Management | Withdrawn |  |
| Metaverse Ouput | | | | | |
| TS | [S1-232073](file:///E:\TSGS1_103_Gothenburg\docs\S1-232073.zip) | Rapporteur (Samsung) | Presentation of Specification to TSG: TS 22.156 0.1.0 | Revised to S1-232593 |  |
| TS | [S1-232593](file:///E:\TSGS1_103_Gothenburg\docs\S1-232593.zip) | Rapporteur (Samsung) | Presentation of Specification to TSG: TS 22.156 0.1.0 | Agreed | Revision of S1-232073. |
| TS | [S1-232594](file:///E:\TSGS1_103_Gothenburg\docs\S1-232594.zip) | Rapporteur (Samsung) | TS 22.156v0.1.0 Study on Localized Mobile Metaverse Services | Agreed | First draft by Tuesday 29th 23:00 UTC  Comments till Thursday 31st 23:00 UTC  Final version by Friday 1st 23:00 UTC |
| NetShare | | | | | |
| FS\_NetShare: Study on Network Sharing Aspects [[SP-220087](https://www.3gpp.org/ftp/tsg_sa/TSG_SA/TSGS_95E_Electronic_2022_03/Docs/SP-220087.zip)] | | | | | |
| **Work status prior to this meeting:**  Rapporteur: Qun Wei (China Unicom)  Latest version: [TR 22.851v19.1.0](https://www.3gpp.org/ftp/Specs/archive/22_series/22.851/22851-j00.zip)  Target completion date: SA#98 (06/2023)  Percentage completion: 95% | | | | | |
| CR | [S1-232016](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232016.zip) | China Unicom | 22.851v19.1.0 updates on the TR 22.851 consolidation and consideration | Revised to S1-232509 | *WI* FS\_NetShare *Rel-19 CR*0001*R- Cat F* |
| CR | [S1-232509](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232509.zip) | China Unicom | 22.851v19.1.0 updates on the TR 22.851 consolidation and consideration | Agreed | *WI FS\_NetShare Rel-19 CR0001R- Cat F*  Revision of S1-232016. |
| CR | [S1-232045](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232045.zip) | CATT, China Unicom | 22.851v19.1.0 Editorial change on security consideration | Noted | *WI* FS\_NetShare *Rel-19 CR*0002*R- Cat F* |
| CR | [S1-232046](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232046.zip) | CATT, Deutsche Telekom AG | 22.851v19.1.0 Update Network Access Control CPR in TR22.851 | Revised to S1-232510 | *WI* FS\_NetShare *Rel-19 CR*0003*R- Cat F* |
| CR | [S1-232510](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232510.zip) | CATT, Deutsche Telekom AG | 22.851v19.1.0 Update Network Access Control CPR in TR22.851 | Agreed | *WI FS\_NetShare Rel-19 CR0003R- Cat F*  Revision of S1-232046. |
| NetShare: Network Sharing Aspects [[SP-230511](https://www.3gpp.org/ftp/TSG_SA/TSG_SA/TSGS_100_Taipei_2023-06/Docs/SP-230511.zip)] | | | | | |
| **Work status prior to this meeting:**  Rapporteur: Qun Wei (China Unicom)  Target completion date: SA#102 (12/2023)  Percentage completion: 30% | | | | | |
| CR | [S1-232015](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232015.zip) | China Unicom, Charter Communications, ZTE Corporation and CATT | 22.261v19.3.0 General and charging requirements to NetShare | Revised to S1-232029 | *WI* FS\_NetShare *Rel-19 CR*0696*R- Cat B*  *Wrong WI code* |
| CR | [S1-232029](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232029.zip) | China Unicom, Charter Communications, ZTE Corporation and CATT | 22.261v19.3.0 General and charging requirements to NetShare | Revised to S1-232511 | *WI* FS\_NetShare *Rel-19 CR*0696*R- Cat B*  *Wrong WI code*, Must be r1  Revision of S1-232015. |
| CR | [S1-232511](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232511.zip) | China Unicom, Charter Communications, ZTE Corporation and CATT | 22.261v19.3.0 General and charging requirements to NetShare | Revised to S1-232515 | *WI FS\_NetShare Rel-19 CR0696R- Cat B*  *Wrong WI code, Must be r1*  *Revision of S1-232015.*  Revision of S1-232029. |
| CR | [S1-232515](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232515.zip) | China Unicom, Charter Communications, ZTE Corporation and CATT | 22.261v19.3.0 General and charging requirements to NetShare | Merged in to to S1-232517 | *WI FS\_NetShare Rel-19 CR0696R- Cat B*  *Wrong WI code, Must be r1*  *Revision of S1-232015.*  *Revision of S1-232029.*  Revision of S1-232511. |
| CR | [S1-232047](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232047.zip) | CATT, China Unicom, Deutsche Telekom AG | 22.261v19.3.0 Support Network Access control in Indirect Network Sharing | Revised to S1-232512 | *WI* NetShare *Rel-19 CR*0703*R- Cat B* |
| CR | [S1-232512](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232512.zip) | CATT, China Unicom, Deutsche Telekom AG | 22.261v19.3.0 Support Network Access control in Indirect Network Sharing | Merged in to S1-232517 | *WI NetShare Rel-19 CR0703R- Cat B*  Revision of S1-232047. |
| CR | [S1-232048](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232048.zip) | CATT, China Unicom | 22.261v19.3.0 Extra description about security considerations in Indirect Network Sharing | Revised to S1-232513 | *WI* NetShare *Rel-19 CR*0704*R- Cat B* |
| CR | [S1-232513](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232513.zip) | CATT, China Unicom | 22.261v19.3.0 Extra description about security considerations in Indirect Network Sharing | Merged in to S1-232517 | *WI NetShare Rel-19 CR0704R- Cat B*  Revision of S1-232048. |
| CR | [S1-232124](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232124.zip) | ZTE Japan K.K., China Unicom, CATT, Cellular Technologies NCSC | 22.261v19.3.0 Support of emergency services and mobility for INS | Revised to S1-232514 | *WI* NetShare *Rel-19 CR*0711*R- Cat B* |
| CR | [S1-232514](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232514.zip) | ZTE Japan K.K., China Unicom, CATT, Cellular Technologies NCSC | 22.261v19.3.0 Support of emergency services and mobility for INS | Merged in to to S1-232517 | *WI NetShare Rel-19 CR0711R- Cat B*  Revision of S1-232124. |
| CR | [S1-232517](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232517.zip) | China Unicom, Charter Communications, ZTE Corporation and CATT | 22.261v19.3.0 General and charging requirements to NetShare | Revised to S1-232522 | *WI NetShare Rel-19 CR0704R- Cat B*  *Revision of S1-232048.*  Revision of S1-232513. |
| CR | [S1-232522](file:///E:\TSGS1_103_Gothenburg\docs\S1-232522.zip) | China Unicom, Charter Communications, ZTE Corporation and CATT | 22.261v19.3.0 General and charging requirements to NetShare | Agreed | *WI NetShare Rel-19 CR0704R- Cat B*  *Revision of S1-232048.*  *Revision of S1-232513.*  Revision of S1-232517. |
| FRMCS\_Ph5 | | | | | |
| FS\_FRMCS\_Ph5: Study on FRMCS Phase 5 [[SP-220088](https://www.3gpp.org/ftp/tsg_sa/TSG_SA/TSGS_95E_Electronic_2022_03/Docs/SP-220088.zip)] | | | | | |
| **Work status prior to this meeting:**  Rapporteur: Guillaume Gach (UIC)  Latest version: [TR22.989v19.3.0](https://www.3gpp.org/ftp/Specs/archive/22_series/22.989/22989-j30.zip)  Target completion date: SA#101 (09/2023)  Percentage completion: 80% | | | | | |
| CR | [S1-232249](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232249.zip) | UIC | 22.989v19.3.0 Update of gap analysis of railway emergency alert, multi-talker control, authorisation of communication, arbitration use cases | Revised to S1-232503 | *WI* FS\_FRMCS\_Ph5 *Rel-19 CR*0029*R- Cat F* |
| CR | [S1-232503](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232503.zip) | UIC | 22.989v19.3.0 Update of gap analysis of railway emergency alert, multi-talker control, authorisation of communication, arbitration use cases | Agreed | *WI FS\_FRMCS\_Ph5 Rel-19 CR0029R- Cat F*  Revision of S1-232249  . |
| FRMCS\_Ph5: FRMCS Phase 5 [[SP-230512](https://www.3gpp.org/ftp/TSG_SA/TSG_SA/TSGS_100_Taipei_2023-06/Docs/SP-230512.zip)] | | | | | |
| **Work status prior to this meeting:**  Rapporteur: Guillaume Gach (UIC)  Target completion date: SA#102 (12/2023)  Percentage completion: 25% | | | | | |
| CR | [S1-232199](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232199.zip) | UIC | 22.179v19.0.0 Enhancement of multi-talker control | Revised to S1-232501 | *WI* FS\_FRMCS\_Ph5 *Rel-19 CR*0077*R- Cat F* |
| CR | [S1-232501](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232501.zip) | UIC | 22.179v19.0.0 Enhancement of multi-talker control | Agreed | *WI FS\_FRMCS\_Ph5 Rel-19 CR0077R- Cat F*  Revision of S1-232199. |
| CR | [S1-232225](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232225.zip) | UIC | 22.280v19.2.0 Clarification on interconnection and migration versus interworking | Noted | *WI* FS\_FRMCS\_Ph5 *Rel-19 CR*0164*R- Cat F* |
| CR | [S1-232234](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232234.zip) | UIC | 22.280v19.2.0 Addition of requirements for Ad hoc Group Emergency Alert and for multiple MCX communications reception | Revised to S1-232502 | *WI* FS\_FRMCS\_Ph5 *Rel-19 CR*0165*R- Cat C* |
| CR | [S1-232502](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232502.zip) | UIC | 22.280v19.2.0 Addition of requirements for Ad hoc Group Emergency Alert and for multiple MCX communications reception | Agreed | *WI FS\_FRMCS\_Ph5 Rel-19 CR0165R- Cat C*  Revision of S1-232234. |
| CR | [S1-232251](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232251.zip) | Kyonggi University, KT | 22.289v17.0.0 Updates on railway communication functionality | Revised to S1-232267 | *WI* FS\_FRMCS\_Ph5 *Rel-19 CR*0008*R- Cat B*  *TR wrong format, changes are not visible ( all new text must be in track changes)* |
| CR | [S1-232267](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232267.zip) | Kyonggi University, KT | 22.289v17.0.0 Updates on railway communication functionality | Noted | *WI FS\_FRMCS\_Ph5 Rel-19 CR0008R- Cat B*  *TR wrong format, changes are not visible ( all new text must be in track changes)*  Revision of S1-232251. |
| AIML\_Ph2 | | | | | |
| FS\_AIML\_Ph2: Study on AI/ML Model Transfer\_Phase2 [[SP-220083](https://www.3gpp.org/ftp/tsg_sa/TSG_SA/TSGS_95E_Electronic_2022_03/Docs/SP-220083.zip)] | | | | | |
| **Work status prior to this meeting:**  Rapporteur: Xu Yang (OPPO)  Latest version: [TR22.876v19.0.0](https://www.3gpp.org/ftp/Specs/archive/22_series/22.876/22876-j00.zip)  Target completion date: SA#98 (06/2023)  Percentage completion: 95% | | | | | |
| CR | [S1-232142](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232142.zip) | OPPO | 22.876v19.0.0 Updating of functional consolidated requirements | Revised to S1-232322 | *WI* AIML-Ph2 *Rel-19 CR*0001*R- Cat F*  *Wrong WI code, wrong TRversion on the cover page* |
| CR | [S1-232322](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232322.zip) | OPPO | 22.876v19.0.0 Updating of functional consolidated requirements | Revised to S1-232361 | *WI AIML-Ph2 Rel-19 CR0001R- Cat F*  *Wrong WI code, wrong TRversion on the cover page*  Revision of S1-232142. |
| CR | [S1-232361](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232361.zip) | OPPO | 22.876v19.0.0 Updating of functional consolidated requirements | Revised to S1-232368 | *WI AIML-Ph2 Rel-19 CR0001R- Cat F*  *Wrong WI code, wrong TRversion on the cover page*  *Revision of S1-232142.*  Revision of S1-232322. |
| CR | [S1-232368](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232368.zip) | OPPO | 22.876v19.0.0 Updating of functional consolidated requirements | Agreed | *WI AIML-Ph2 Rel-19 CR0001R- Cat F*  *Wrong WI code, wrong TRversion on the cover page*  *Revision of S1-232142.*  *Revision of S1-232322.*  Revision of S1-232361. |
| CR | [S1-232143](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232143.zip) | OPPO | 22.876v19.0.0 Updating of KPI consolidated requirements | Revised to S1-232323 | *WI* AIML-Ph2 *Rel-19 CR*0002*R- Cat F*  *Wrong WI code, wrong TRversion on the cover page* |
| CR | [S1-232323](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232323.zip) | OPPO | 22.876v19.0.0 Updating of KPI consolidated requirements | Agreed | *WI AIML-Ph2 Rel-19 CR0002R- Cat F*  *Wrong WI code, wrong TRversion on the cover page*  Revision of S1-232143. |
| AIML\_Ph2: AI/ML Model Transfer\_Phase2 [[SP-230514](https://www.3gpp.org/ftp/TSG_SA/TSG_SA/TSGS_100_Taipei_2023-06/Docs/SP-230514.zip)] | | | | | |
| **Work status prior to this meeting:**  Rapporteur: Xu Yang (OPPO)  Target completion date: SA#102 (12/2023)  Percentage completion: 0% | | | | | |
| CR | [S1-232144](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232144.zip) | OPPO | 22.261v19.3.0 Adding functional requirements | Revised to S1-232324 | *WI* AIML-Ph2 *Rel-19 CR*0713*R- Cat B* |
| CR | [S1-232324](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232324.zip) | OPPO | 22.261v19.3.0 Adding functional requirements | Agreed | *WI AIML-Ph2 Rel-19 CR0713R- Cat B*  Revision of S1-232144. |
| CR | [S1-232146](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232146.zip) | OPPO | 22.261v19.3.0 Adding KPI requirements of AIML-Ph2 | Revised to S1-232325 | *WI* AIML-Ph2 *Rel-19 CR*0714*R- Cat B* |
| CR | [S1-232325](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232325.zip) | OPPO | 22.261v19.3.0 Adding KPI requirements of AIML-Ph2 | Agreed | *WI AIML-Ph2 Rel-19 CR0714R- Cat B*  Revision of S1-232146. |
| 5GSAT\_Ph3 | | | | | |
| FS\_5GSAT\_Ph3: New SID on satellite access - Phase 3 [[SP-220679](https://www.3gpp.org/ftp/tsg_sa/TSG_SA/TSGS_96_Budapest_2022_06/Docs/SP-220679.zip)] | | | | | |
| **Work status prior to this meeting:**  Rapporteur: Thierry Bérisot (Novamint), Xu Xia (China Telecom)  Latest version: [TR22.865v19.0.0](https://www.3gpp.org/ftp/Specs/archive/22_series/22.865/22865-j00.zip)  Target completion date: SA#99 (03/2023)  Percentage completion: 90% | | | | | |
| CR | [S1-232036](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232036.zip) | Nokia, Nokia Shanghai Bell, Novamint, ETRI | 22.865v19.0.0 Updates in scope, terms and overview | Agreed | *WI* FS\_5GSAT\_Ph3 *Rel-19 CR*0001*R- Cat D* |
| CR | [S1-232092](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232092.zip) | Novamint, | 22.865v19.0.0 update of clause 5.16 | Revised to S1-232531 | *WI* FS\_5GSAT\_Ph3 *Rel-19 CR*0004*R- Cat F* |
| CR | [S1-232531](file:///E:\TSGS1_103_Gothenburg\docs\S1-232531.zip) | Novamint, | 22.865v19.0.0 update of clause 5.16 | Revised to S1-232542 | *WI FS\_5GSAT\_Ph3 Rel-19 CR0004R- Cat F*  Revision of S1-232092. |
| CR | [S1-232542](file:///E:\TSGS1_103_Gothenburg\docs\S1-232542.zip) | Novamint, | 22.865v19.0.0 update of clause 5.16 | Revised to S1-232661 | *WI FS\_5GSAT\_Ph3 Rel-19 CR0004R- Cat F*  *Revision of S1-232092.*  Revision of S1-232531. |
| CR | [S1-232661](docs\S1-232661.zip) | Novamint, | 22.865v19.0.0 update of clause 5.16 | Agreed | *WI FS\_5GSAT\_Ph3 Rel-19 CR0004R- Cat F*  *Revision of S1-232092.*  *Revision of S1-232531.*  Revision of S1-232542.  **emergency report:** in the context of this study, it is a data sent for emergency purpose (e.g., emergency messaging) and can be subject to international regulation.  Delete Note 2. |
| CR | [S1-232062](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232062.zip) | Reliance Jio | 22.865v19.0.0 updates on use case on Store and Forward-MO for TR 22.865 | Revised to S1-232530 | *WI* FS\_5GSAT\_Ph3 *Rel-19 CR*0003*R- Cat C*  *Moved from 7.7.2* |
| CR | [S1-232530](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232530.zip) | Reliance Jio | 22.865v19.0.0 updates on use case on Store and Forward-MO for TR 22.865 | Revised to S1-232532 | *WI FS\_5GSAT\_Ph3 Rel-19 CR0003R- Cat C*  *Moved from 7.7.2*  Revision of S1-232062. |
| CR | [S1-232532](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232532.zip) | Reliance Jio | 22.865v19.0.0 updates on use case on Store and Forward-MO for TR 22.865 | Revised to S1-232540 | *WI FS\_5GSAT\_Ph3 Rel-19 CR0003R- Cat C*  *Moved from 7.7.2*  *Revision of S1-232062.*  Revision of S1-232530. |
| CR | [S1-232540](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232540.zip) | Reliance Jio | 22.865v19.0.0 updates on use case on Store and Forward-MO for TR 22.865 | Agreed | *WI FS\_5GSAT\_Ph3 Rel-19 CR0003R- Cat C*  *Moved from 7.7.2*  *Revision of S1-232062.*  *Revision of S1-232530.*  Revision of S1-232532.  As on photo, removing revision marks on cover page and removing changes on changes. |
| CR | [S1-232037](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232037.zip) | NOVAMINT, ETRI, Nokia, Nokia Shanghai Bell, Sateliot, Gatehouse, CATT, China Telecom | 22.865v19.0.0 update of consolidation for TR 22.865 | Revised to S1-232533 | *WI* FS\_5GSAT\_Ph3 *Rel-19 CR*0002*R- Cat B* |
| CR | [S1-232533](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232533.zip) | NOVAMINT, ETRI, Nokia, Nokia Shanghai Bell, Sateliot, Gatehouse, CATT, China Telecom | 22.865v19.0.0 update of consolidation for TR 22.865 | Agreed | *WI FS\_5GSAT\_Ph3 Rel-19 CR0002R- Cat B*  Revision of S1-232037. |
| CR | [S1-232104](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232104.zip) | LG Electronics | 22.865v19.0.0 Updates on the TR 22.865 consolidated potential requirements | Merged into S1-232533 | *WI* FS\_5GSAT\_Ph3 *Rel-19 CR*0005*R- Cat D* |
| 5GSAT\_Ph3: Satellite Access - Phase 3 [[SP-230516](https://www.3gpp.org/ftp/TSG_SA/TSG_SA/TSGS_100_Taipei_2023-06/Docs/SP-230516.zip)] | | | | | |
| **Work status prior to this meeting:**  Rapporteur: Thierry Bérisot (Novamint), Xu Xia (China Telecom)  Target completion date: SA#102 (12/2023)  Percentage completion: 80% | | | | | |
| Cont | [S1-232038](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232038.zip) | NOVAMINT, ETRI, Nokia, Nokia Shanghai Bell, Sateliot, Gatehouse, CATT, China Telecom | Discussion on normative work of 5GSat Ph3 | Noted |  |
| Cont | [S1-232116](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232116.zip) | Huawei | Discussion on capturing the normative requirements in TS 22.261 | Noted |  |
| CR | [S1-232039](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232039.zip) | NOVAMINT, ETRI, Nokia, Nokia Shanghai Bell, Sateliot, Gatehouse | 22.261v19.3.0 New clause for Satellite access in 22261 | Revised to S1-232534 | *WI* 5GSAT\_Ph3 *Rel-19 CR*0697*R- Cat B* |
| CR | [S1-232534](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232534.zip) | NOVAMINT, ETRI, Nokia, Nokia Shanghai Bell, Sateliot, Gatehouse | 22.261v19.3.0 New clause for Satellite access in 22261 | Revised to S1-232541 | *WI 5GSAT\_Ph3 Rel-19 CR0697R- Cat B*  Revision of S1-232039. |
| CR | [S1-232541](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232541.zip) | NOVAMINT, ETRI, Nokia, Nokia Shanghai Bell, Sateliot, Gatehouse | 22.261v19.3.0 New clause for Satellite access in 22261 | Agreed | *WI 5GSAT\_Ph3 Rel-19 CR0697R- Cat B*  *Revision of S1-232039.*  Revision of S1-232534. |
| CR | [S1-232040](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232040.zip) | NOVAMINT, Nokia, Nokia Shanghai Bell, ETRI, Sateliot, Gatehouse, CATT, China Telecom | 22.261v19.3.0 Add Store & Forward Satellite Operation to TS 22.261 | Revised to S1-232535 | *WI* 5GSAT\_Ph3 *Rel-19 CR*0698*R- Cat B* |
| CR | [S1-232535](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232535.zip) | NOVAMINT, Nokia, Nokia Shanghai Bell, ETRI, Sateliot, Gatehouse, CATT, China Telecom | 22.261v19.3.0 Add Store & Forward Satellite Operation to TS 22.261 | Merged into S1-232541 | *WI 5GSAT\_Ph3 Rel-19 CR0698R- Cat B*  Revision of S1-232040. |
| CR | [S1-232041](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232041.zip) | NOVAMINT, ETRI, Nokia, Nokia Shanghai Bell | 22.261v19.3.0 Add UE-Satellite-UE communication to TS 22.261 | Revised to S1-232536 | *WI* 5GSAT\_Ph3 *Rel-19 CR*0699*R- Cat B* |
| CR | [S1-232536](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232536.zip) | NOVAMINT, ETRI, Nokia, Nokia Shanghai Bell | 22.261v19.3.0 Add UE-Satellite-UE communication to TS 22.261 | Merged into S1-232541 | *WI 5GSAT\_Ph3 Rel-19 CR0699R- Cat B*  Revision of S1-232041. |
| CR | [S1-232042](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232042.zip) | NOVAMINT, ETRI, Nokia, Nokia Shanghai Bell, Sateliot, Gatehouse, CATT, China Telecom | 22.261v19.3.0 Add Security and Charging aspects for Satellite in TS 22.261 | Revised to S1-232537 | *WI* 5GSAT\_Ph3 *Rel-19 CR*0700*R- Cat B* |
| CR | [S1-232537](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232537.zip) | NOVAMINT, ETRI, Nokia, Nokia Shanghai Bell, Sateliot, Gatehouse, CATT, China Telecom | 22.261v19.3.0 Add Security and Charging aspects for Satellite in TS 22.261 | Agreed | *WI 5GSAT\_Ph3 Rel-19 CR0700R- Cat B*  Revision of S1-232042. |
| CR | [S1-232043](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232043.zip) | NOVAMINT, ETRI, Nokia, Nokia Shanghai Bell, CATT, China Telecom | 22.261v19.3.0 Add positioning enhancements for satellite access to TS 22.261 | Revised to S1-232538 | *WI* 5GSAT\_Ph3 *Rel-19 CR*0701*R- Cat B* |
| CR | [S1-232538](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232538.zip) | NOVAMINT, ETRI, Nokia, Nokia Shanghai Bell, CATT, China Telecom | 22.261v19.3.0 Add positioning enhancements for satellite access to TS 22.261 | Merged into S1-232541 | *WI 5GSAT\_Ph3 Rel-19 CR0701R- Cat B*  Revision of S1-232043. |
| CR | [S1-232044](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232044.zip) | NOVAMINT, ETRI, Nokia, Nokia Shanghai Bell, CATT, China Telecom | 22.261v19.3.0 Add other aspects for satellite access to TS 22.261 | Revised to S1-232539 | *WI* 5GSAT\_Ph3 *Rel-19 CR*0702*R- Cat B* |
| CR | [S1-232539](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232539.zip) | NOVAMINT, ETRI, Nokia, Nokia Shanghai Bell, CATT, China Telecom | 22.261v19.3.0 Add other aspects for satellite access to TS 22.261 | Merged into S1-232541 | *WI 5GSAT\_Ph3 Rel-19 CR0702R- Cat B*  Revision of S1-232044. |
| CR | [S1-232049](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232049.zip) | CATT | 22.261v19.3.0 Description about S&F satellite operation in TS 22.261 | Merged into S1-232535 | *WI* 5GSAT\_Ph3 *Rel-19 CR*0705*R- Cat B* |
| CR | [S1-232065](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232065.zip) | China Telecom | 22.261v19.3.0 Add requirements on communication between UEs under the same satellite's coverage | Merged into S1-232536 | *WI* 5GSAT\_Ph3 *Rel-19 CR*0707*R- Cat B* |
| CR | [S1-232062](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232062.zip) | Reliance Jio | 22.865v19.0.0 updates on use case on Store and Forward-MO for TR 22.865 | Moved to 7.7.1 | *WI* FS\_5GSAT\_Ph3 *Rel-19 CR*0003*R- Cat C* |
| UAV\_Ph3 | | | | | |
| FS\_UAV\_Ph3: Study on UAV Phase 3 [[SP-220680](https://www.3gpp.org/ftp/tsg_sa/TSG_SA/TSGS_96_Budapest_2022_06/Docs/SP-220680.zip)] | | | | | |
| **Work status prior to this meeting:**  Rapporteur: Pengtai Qin (China Mobile)  Latest version: [TR22.843v19.0.0](https://www.3gpp.org/ftp/Specs/archive/22_series/22.843/22843-j00.zip)  Target completion date: SA#100 (06/2023)  Percentage completion: 95% | | | | | |
| CR | [S1-232011](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232011.zip) | Huawei | 22.843v19.0.0 Quality improvements to TR22.843 | Revised to S1-232335 | *WI* FS\_UAV\_Ph3 *Rel-19 CR*0002*R- Cat D* |
| CR | [S1-232335](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232335.zip) | Huawei | 22.843v19.0.0 Quality improvements to TR22.843 | Agreed | *WI FS\_UAV\_Ph3 Rel-19 CR0002R- Cat D*  Revision of S1-232011. |
| CR | [S1-232010](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232010.zip) | Huawei | 22.843v19.0.0 Removal of Editor's Notes in TR 22.843 on 5GS to UTM exposure of location | Agreed | *WI* FS\_UAV\_Ph3 *Rel-19 CR*0001*R- Cat D* |
| CR | [S1-232336](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232336.zip) | Huawei | 22.843v19.0.0 Removal of Editor's Notes in TR 22.843 on 5GS to UTM exposure of location | Withdrawn | *WI FS\_UAV\_Ph3 Rel-19 CR0001R- Cat D*  Revision of S1-232010. |
| CR | [S1-232099](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232099.zip) | Nokia, Nokia Shanghai Bell, China Mobile | 22.843v19.0.0 Update use case 5.3 Geofencing for Visual Line-of-Sight UAV missions | Agreed | *WI* FS\_UAV\_Ph3 *Rel-19 CR*0003*R- Cat F* |
| CR | [S1-232150](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232150.zip) | China Mobile, Nokia, Nokia Shanghai Bell | 22.843v19.0.0 update on UC 5.4 network-assisted UAV DAA | Revised to S1-232330 | *WI* FS\_UAV\_Ph3 *Rel-19 CR*0004*R- Cat D*  *Errors on cover page* |
| CR | [S1-232330](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232330.zip) | China Mobile, Nokia, Nokia Shanghai Bell | 22.843v19.0.0 update on UC 5.4 network-assisted UAV DAA | Agreed | *WI FS\_UAV\_Ph3 Rel-19 CR0004R- Cat D*  *Errors on cover page*  Revision of S1-232150. |
| CR | [S1-232152](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232152.zip) | China Mobile | 22.843v19.0.0 CR - Conclusions and Recommendations | Revised to S1-232331 | *WI* FS\_UAV\_Ph3 *Rel-19 CR*0707*R- Cat D*  *Errors on cover page, Wrong category* |
| CR | [S1-232331](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232331.zip) | China Mobile | 22.843v19.0.0 CR - Conclusions and Recommendations | Revised to S1-232600 | *WI FS\_UAV\_Ph3 Rel-19 CR0707R- Cat D*  *Errors on cover page, Wrong category*  Revision of S1-232152. |
| CR | [S1-232600](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232600.zip) | China Mobile | 22.843v19.0.0 CR - Conclusions and Recommendations | Agreed | *WI FS\_UAV\_Ph3 Rel-19 CR0707R- Cat D*  *Errors on cover page, Wrong category*  *Revision of S1-232152.*  Revision of S1-232331. |
| UAS\_Ph3: Uncrewed Aerial System Phase 3 [[SP-230518](https://www.3gpp.org/ftp/TSG_SA/TSG_SA/TSGS_100_Taipei_2023-06/Docs/SP-230518.zip)] | | | | | |
| **Work status prior to this meeting:**  Rapporteur: Pengtai Qin (China Mobile)  Target completion date: SA#102 (12/2023)  Percentage completion: 0% | | | | | |
| CR | [S1-232102](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232102.zip) | Nokia, Nokia Shanghai Bell, China Mobile | 22.125v17.6.0 Additional requirements for network support | Revised to S1-232326 | *WI* UAS\_Ph3 *Rel-19 CR*0044*R- Cat B* |
| CR | [S1-232326](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232326.zip) | Nokia, Nokia Shanghai Bell, China Mobile | 22.125v17.6.0 Additional requirements for network support | Merged into S1-232628 | *WI UAS\_Ph3 Rel-19 CR0044R- Cat B*  Revision of S1-232102. |
| CR | [S1-232103](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232103.zip) | Nokia, Nokia Shanghai Bell, China Mobile | 22.125v17.6.0 Additional requirements for network exposure | Revised to S1-232327 | *WI* UAS\_Ph3 *Rel-19 CR*0045*R- Cat B* |
| CR | [S1-232327](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232327.zip) | Nokia, Nokia Shanghai Bell, China Mobile | 22.125v17.6.0 Additional requirements for network exposure | Revised to S1-232332 | *WI UAS\_Ph3 Rel-19 CR0045R- Cat B*  Revision of S1-232103. |
| CR | [S1-232332](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232332.zip) | Nokia, Nokia Shanghai Bell, China Mobile | 22.125v17.6.0 Additional requirements for network exposure | Merged into S1-232628 | *WI UAS\_Ph3 Rel-19 CR0045R- Cat B*  *Revision of S1-232103.*  Revision of S1-232327. |
| CR | [S1-232153](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232153.zip) | China Mobile, Nokia, Nokia Shanghai Bell | 22.125v17.6.0 22125 CR - additional Requirements for Remote Identification of UAS | Revised to S1-232328 | *WI* UAS\_Ph3 *Rel-19 CR*0046*R- Cat B*  *Errors on cover page* |
| CR | [S1-232328](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232328.zip) | China Mobile, Nokia, Nokia Shanghai Bell | 22.125v17.6.0 22125 CR - additional Requirements for Remote Identification of UAS | Revised to S1-232333 | *WI UAS\_Ph3 Rel-19 CR0046R- Cat B*  *Errors on cover page*  Revision of S1-232153. |
| CR | [S1-232333](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232333.zip) | China Mobile, Nokia, Nokia Shanghai Bell | 22.125v17.6.0 22125 CR - additional Requirements for Remote Identification of UAS | Revised to S1-232601 | *WI UAS\_Ph3 Rel-19 CR0046R- Cat B*  *Errors on cover page*  *Revision of S1-232153.*  Revision of S1-232328. |
| CR | [S1-232601](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232601.zip) | China Mobile, Nokia, Nokia Shanghai Bell | 22.125v17.6.0 22125 CR - additional Requirements for Remote Identification of UAS | Merged into S1-232628 | *WI UAS\_Ph3 Rel-19 CR0046R- Cat B*  *Errors on cover page*  *Revision of S1-232153.*  *Revision of S1-232328.*  Revision of S1-232333. |
| CR | [S1-232154](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232154.zip) | China Mobile, Nokia, Nokia Shanghai Bell | 22.125v17.6.0 Addition Requirements for UAV Safety | Revised to S1-232329 | *WI* UAS\_Ph3 *Rel-19 CR*0047*R- Cat B*  *Errors on cover page* |
| CR | [S1-232329](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232329.zip) | China Mobile, Nokia, Nokia Shanghai Bell | 22.125v17.6.0 Addition Requirements for UAV Safety | Revised to S1-232334 | *WI UAS\_Ph3 Rel-19 CR0047R- Cat B*  *Errors on cover page*  Revision of S1-232154. |
| CR | [S1-232334](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232334.zip) | China Mobile, Nokia, Nokia Shanghai Bell | 22.125v17.6.0 Addition Requirements for UAV Safety | Revised to S1-232602 | *WI UAS\_Ph3 Rel-19 CR0047R- Cat B*  *Errors on cover page*  *Revision of S1-232154.*  Revision of S1-232329. |
| CR | [S1-232602](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232602.zip) | China Mobile, Nokia, Nokia Shanghai Bell | 22.125v17.6.0 Addition Requirements for UAV Safety | Revised to S1-232627 | *WI UAS\_Ph3 Rel-19 CR0047R- Cat B*  *Errors on cover page*  *Revision of S1-232154.*  *Revision of S1-232329.*  Revision of S1-232334. |
| CR | [S1-232627](file:///E:\TSGS1_103_Gothenburg\docs\S1-232627.zip) | China Mobile, Nokia, Nokia Shanghai Bell | 22.125v17.6.0 Addition Requirements for UAV Safety | Merged into S1-232628 | *WI UAS\_Ph3 Rel-19 CR0047R- Cat B*  *Errors on cover page*  *Revision of S1-232154.*  *Revision of S1-232329.*  *Revision of S1-232334.*  Revision of S1-232602. |
| CR | [S1-232603](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232603.zip) | China Mobile, Nokia, Nokia Shanghai Bell | 22.125v17.6.0 Merge version UAV CRs | Revised to S1-232628 | *WI UAS\_Ph3 Rel-19 CR0xxxR- Cat B* |
| CR | [S1-232628](file:///E:\TSGS1_103_Gothenburg\docs\S1-232628.zip) | China Mobile, Nokia, Nokia Shanghai Bell | 22.125v17.6.0 Merge version UAV CRs | Revised to S1-232630 | *WI UAS\_Ph3 Rel-19 CR0xxxR- Cat B*  Revision of S1-232603.  New title Additional requirements for UAS. Reason for change delete the will. Adding supporting companies. |
| CR | [S1-232630](file:///E:\TSGS1_103_Gothenburg\docs\S1-232630.zip) | China Mobile, Nokia, Nokia Shanghai Bell | 22.125v17.6.0 Merge version UAV CRs | Agreed | *WI UAS\_Ph3 Rel-19 CR0xxxR- Cat B*  *Revision of S1-232603.*  Revision of S1-232628.  *New title Additional requirements for UAS. Reason for change delete the will. Adding supporting companies. Remove consequences of not approved.* |
| DualSteer | | | | | |
| FS\_DualSteer: Study on Upper layer traffic steering, switching and split over dual 3GPP access [[SP-220445](https://www.3gpp.org/ftp/tsg_sa/TSG_SA/TSGS_96_Budapest_2022_06/Docs/SP-220445.zip)] | | | | | |
| **Work status prior to this meeting:**  Rapporteur: Francesco Pica (Qualcomm)  Latest version: [TR22.841v1.1.0](https://www.3gpp.org/ftp/Specs/archive/22_series/22.841/22841-110.zip)  Target completion date: SA#100 (06/2023)  Percentage completion: 90% | | | | | |
| Update use cases | | | | | |
| Cont | [S1-232121](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232121.zip) | Xiaomi, NEC, Qualcomm | Pseudo-CR on Study on Upper layer traffic steer, switch and split over dual 3GPP access, Clause 5.15.5 Update – FFS Removal in the existing functionality section | Agreed |  |
| Cont | [S1-232135](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232135.zip) | Xiaomi, NEC, Qualcomm | Pseudo-CR on Study on Upper layer traffic steer, switch and split over dual 3GPP access, Clause 5.16.5 Update - Existing functionality section update, including removal of FFS | Revised to S1-232314 |  |
| Cont | [S1-232314](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232314.zip) | Xiaomi, NEC, Qualcomm | Pseudo-CR on Study on Upper layer traffic steer, switch and split over dual 3GPP access, Clause 5.16.5 Update - Existing functionality section update, including removal of FFS | Revised to S1-232369 | Revision of S1-232135. |
| Cont | [S1-232369](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232369.zip) | Xiaomi, NEC, Qualcomm | Pseudo-CR on Study on Upper layer traffic steer, switch and split over dual 3GPP access, Clause 5.16.5 Update - Existing functionality section update, including removal of FFS | Agreed | *Revision of S1-232135.*  Revision of S1-232314. |
| Cont | [S1-232204](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232204.zip) | Huawei | Discussion Paper: FS-DualSteer Satellite use cases identified service needs | Noted |  |
| Cont | [S1-232192](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232192.zip) | Huawei | Pseudo-CR on updates clause 5\_1\_dual 5G satellite access in maritime | Noted |  |
| Cont | [S1-232193](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232193.zip) | Huawei | Pseudo-CR on updates clause 5\_4\_Inter-PLMN scenario - TN and NTN | Noted |  |
| Cont | [S1-232194](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232194.zip) | Huawei | Pseudo-CR on updates clause 5\_5\_NTN-based dual 3GPP access | Noted |  |
| Cont | [S1-232195](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232195.zip) | Huawei | Pseudo-CR on updates clause 5\_6\_UE using Terrestrial and Satellite Access | Revised to S1-232356 |  |
| Cont | [S1-232356](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232356.zip) | Huawei | Pseudo-CR on updates clause 5\_6\_UE using Terrestrial and Satellite Access | Revised to S1-232370 | Revision of S1-232195. |
| Cont | [S1-232370](file:///E:\TSGS1_103_Gothenburg\docs\S1-232370.zip) | Huawei | Pseudo-CR on updates clause 5\_6\_UE using Terrestrial and Satellite Access | Agreed | *Revision of S1-232195.*  Revision of S1-232356.  Clean up text from the intro. |
| Cont | [S1-232196](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232196.zip) | Huawei | Pseudo-CR on updates clause 5\_9\_dual steering through Satellite and UAV | Noted |  |
| Cont | [S1-232197](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232197.zip) | Huawei | Pseudo-CR on updates clause 5\_10\_NTN and TN Inter-PLMN Multi-access in a Maritime scenario | Noted |  |
| Cont | [S1-232198](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232198.zip) | Huawei | Pseudo-CR on updates for clause 5\_14\_Inter-PLMN scenario - TN and multiple NTN | Noted |  |
| Cont | [S1-232200](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232200.zip) | Huawei | Pseudo-CR on updates clause 5\_17 Vehicle IoT devices steering via NTN and TN | Noted |  |
| Cont | [S1-232202](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232202.zip) | Huawei | Pseudo-CR on updates clause 5\_18\_UAV UE connecting to 3GPP TN and NTN access networks | Noted |  |
| Cont | [S1-232205](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232205.zip) | Huawei | Discussion Paper: on 5G Terrestrial Network aspects in FS-DualSteer | Noted |  |
| Cont | [S1-232222](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232222.zip) | Huawei | Pseudo-CR on updates clause 5\_2\_interPLMN mobility-FS-DualSteer | Noted |  |
| Cont | [S1-232223](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232223.zip) | Huawei | Pseudo-CR on updates clause 5\_3\_Inter-PLMN or PLMN-SNPN | Noted |  |
| Cont | [S1-232224](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232224.zip) | Huawei | Pseudo-CR on updates for clause 5\_7\_intra-PLMN scenario for XR gaming | Revised to S1-232357 |  |
| Cont | [S1-232357](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232357.zip) | Huawei | Pseudo-CR on updates for clause 5\_7\_intra-PLMN scenario for XR gaming | Agreed | Revision of S1-232224. |
| New use cases | | | | | |
| Cont | [S1-232035](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232035.zip) | THALES | Use Case on supplementary downlink data via a second 3GPP network | Revised to S1-232337 |  |
| Cont | [S1-232337](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232337.zip) | THALES | Use Case on supplementary downlink data via a second 3GPP network | Agreed | Revision of S1-232035. |
| Cont | [S1-232058](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232058.zip) | NEC, Ericsson, Nokia, Nokia Shanghai Bell, Novamint, Lenovo, Qualcomm | Use Case on traffic duplication for a set of devices | Revised to S1-232338 |  |
| Cont | [S1-232338](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232338.zip) | NEC, Ericsson, Nokia, Nokia Shanghai Bell, Novamint, Lenovo, Qualcomm | Use Case on traffic duplication for a set of devices | Noted | Revision of S1-232058. |
| Consolidation & Conclusions | | | | | |
| Cont | [S1-232237](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232237.zip) | Qualcomm | FS\_DualSteer - CPR proposal | Revised to S1-232255 |  |
| Cont | [S1-232255](file:///E:\TSGS1_103_Gothenburg\docs\S1-232255.zip) | Qualcomm | FS\_DualSteer - CPR proposal | Revised to S1-232633 | Revision of S1-232237. |
| Cont | [S1-232633](file:///E:\TSGS1_103_Gothenburg\docs\S1-232633.zip) | Qualcomm | FS\_DualSteer - CPR proposal | Agreed | *Revision of S1-232237.*  Revision of S1-232255. |
| Cont | [S1-232227](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232227.zip) | Huawei | Pseudo-CR proposal Consolidated Potential Requirements for FS-DualSteer | Revised to S1-232339 |  |
| Cont | [S1-232339](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232339.zip) | Huawei | Pseudo-CR proposal Consolidated Potential Requirements for FS-DualSteer | Noted | Revision of S1-232227. |
| DualSteer | | | | | |
| CR | [S1-232239](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232239.zip) | Qualcomm, Lenovo, CableLabs, Xiaomi, Comcast Corporation, Verizon UK Ltd, Tencent, Thales, Charter Communications, SyncTechno Inc., InterDigital, KDDI, Nokia, Nokia-Shanghai Bell, Vivo, Lockheed Martin, Sennheiser, Viasat, KPN, LG Electronics, Apple, Novamint, Futurewei, NEC, ETRI, IRT Saint Exupery, CATT, DSIT, Ericsson | 22.261v19.3.0 DualSteer\_Normative requirements | Revised to S1-232257 | *WI* DUMMY *Rel-19 CR*0724*R- Cat B* |
| CR | [S1-232257](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232257.zip) | Qualcomm, Lenovo, CableLabs, Xiaomi, Comcast Corporation, Verizon UK Ltd, Tencent, Thales, Charter Communications, SyncTechno Inc., InterDigital, KDDI, Nokia, Nokia-Shanghai Bell, Vivo, Lockheed Martin, Sennheiser, Viasat, KPN, LG Electronics, Apple, Novamint, Futurewei, NEC, ETRI, IRT Saint Exupery, CATT, DSIT, Ericsson | 22.261v19.3.0 DualSteer\_Normative requirements | Revised to S1-232288 | *WI DUMMY Rel-19 CR0724R- Cat B*  Revision of S1-232239. |
| CR | [S1-232288](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232288.zip) | Qualcomm, Lenovo, CableLabs, Xiaomi, Comcast Corporation, Verizon UK Ltd, Tencent, Thales, Charter Communications, SyncTechno Inc., InterDigital, KDDI, Nokia, Nokia-Shanghai Bell, Vivo, Lockheed Martin, Sennheiser, Viasat, KPN, LG Electronics, Apple, Novamint, Futurewei, NEC, ETRI, IRT Saint Exupery, CATT, DSIT, Ericsson | 22.261v19.3.0 DualSteer\_Normative requirements | Revised to S1-232371 | *WI DUMMY Rel-19 CR0724R- Cat B*  *Revision of S1-232239.*  Revision of S1-232257. |
| CR | [S1-232371](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232371.zip) | Qualcomm, Lenovo, CableLabs, Xiaomi, Comcast Corporation, Verizon UK Ltd, Tencent, Thales, Charter Communications, SyncTechno Inc., InterDigital, KDDI, Nokia, Nokia-Shanghai Bell, Vivo, Lockheed Martin, Sennheiser, Viasat, KPN, LG Electronics, Apple, Novamint, Futurewei, NEC, ETRI, IRT Saint Exupery, CATT, DSIT, Ericsson | 22.261v19.3.0 DualSteer\_Normative requirements | Agreed | *WI DUMMY Rel-19 CR0724R- Cat B*  *Revision of S1-232239.*  *Revision of S1-232257.*  Revision of S1-232288. |
| WID | [S1-232238](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232238.zip) | Qualcomm | DualSteer\_new WID | Moved to 4 |  |
| DualSteer Output | | | | | |
| TR | [S1-232252](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232252.zip) | Rapporteur (Qualcomm) | TR coversheet | Revised to S1-232662 |  |
| TR | [S1-232662](docs\S1-232662.zip) | Rapporteur (Qualcomm) | TR coversheet | Agreed | Revision of S1-232252. |
| TR | [S1-232595](file:///E:\TSGS1_103_Gothenburg\docs\S1-232595.zip) | Rapporteur (Qualcomm) | TR 22.841v1.2.0 Study on Upper layer traffic steering, switching and split over dual 3GPP access | Agreed | First draft by Tuesday 29th 23:00 UTC  Comments till Thursday 31st 23:00 UTC  Final version by Friday 1st 23:00 UTC |
| EnergyServ | | | | | |
| FS\_EnergyServ: Study on Energy Efficiency as service criteria [[SP-230235](https://www.3gpp.org/ftp/TSG_SA/TSG_SA/TSGS_99_Rotterdam_2023-03/Docs/SP-230235.zip)] | | | | | |
| **Work status prior to this meeting:**  Rapporteur: Xiaonan Shi, (China Mobile)  Latest version: [TR22.882v19.0.0](https://www.3gpp.org/ftp/Specs/archive/22_series/22.882/22882-j00.zip)  Target completion date: SA#99 (06/2023)  Percentage completion: 90% | | | | | |
| CR | [S1-232236](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232236.zip) | Nokia, Nokia Shanghai Bell | Quality improvements | Agreed | *WI* FS\_EnergyServ *Rel-19 CR*0007*R- Cat D* |
| CR | [S1-232070](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232070.zip) | Samsung | Addition of terminolgy for energy consumption as a service criteria | Revised to S1-232316 | *WI* FS\_EnergyServ *Rel-19 CR*0001*R- Cat B* |
| CR | [S1-232316](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232316.zip) | Samsung | Addition of terminolgy for energy consumption as a service criteria | Revised to S1-232362 | *WI FS\_EnergyServ Rel-19 CR0001R- Cat B*  Revision of S1-232070. |
| CR | [S1-232362](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232362.zip) | Samsung | Addition of terminolgy for energy consumption as a service criteria | Revised to S1-232635 | *WI FS\_EnergyServ Rel-19 CR0001R- Cat B*  *Revision of S1-232070.*  Revision of S1-232316. |
| CR | [S1-232635](file:///E:\TSGS1_103_Gothenburg\docs\S1-232635.zip) | Samsung | Addition of terminolgy for energy consumption as a service criteria | Agreed | *WI FS\_EnergyServ Rel-19 CR0001R- Cat B*  *Revision of S1-232070.*  *Revision of S1-232316.*  Revision of S1-232362.  Subject to operator’s policy, the 5G system shall support a means to define and enforce subscription policies that define a maximum energy consumption for services without QoS criteria. |
| CR | [S1-232180](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232180.zip) | China Mobile | Updating existing CPR in TR 22.882 | Revised to S1-232317 | *WI* FS\_EnergyServ *Rel-19 CR*0002*R- Cat F* |
| CR | [S1-232317](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232317.zip) | China Mobile | Updating existing CPR in TR 22.882 | Revised to S1-232363 | *WI FS\_EnergyServ Rel-19 CR0002R- Cat F*  Revision of S1-232180. |
| CR | [S1-232363](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232363.zip) | China Mobile | Updating existing CPR in TR 22.882 | Revised to S1-232634 | *WI FS\_EnergyServ Rel-19 CR0002R- Cat F*  *Revision of S1-232180.*  Revision of S1-232317. |
| CR | [S1-232634](file:///E:\TSGS1_103_Gothenburg\docs\S1-232634.zip) | China Mobile | Updating existing CPR in TR 22.882 | Agreed | *WI FS\_EnergyServ Rel-19 CR0002R- Cat F*  *Revision of S1-232180.*  *Revision of S1-232317.*  Revision of S1-232363. |
| CR | [S1-232181](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232181.zip) | China Mobile | Updating CPR with newly agreed PRs | Revised to S1-232260 | *WI* FS\_EnergyServ *Rel-19 CR*0003*R- Cat B* |
| CR | [S1-232260](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232260.zip) | China Mobile | Updating CPR with newly agreed PRs | Revised to S1-232318 | *WI FS\_EnergyServ Rel-19 CR0003R- Cat B*  Revision of S1-232181. |
| CR | [S1-232318](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232318.zip) | China Mobile | Updating CPR with newly agreed PRs | Revised to S1-232364 | *WI FS\_EnergyServ Rel-19 CR0003R- Cat B*  *Revision of S1-232181.*  Revision of S1-232260. |
| CR | [S1-232364](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232364.zip) | China Mobile | Updating CPR with newly agreed PRs | Revised to S1-232636 | *WI FS\_EnergyServ Rel-19 CR0003R- Cat B*  *Revision of S1-232181.*  *Revision of S1-232260.*  Revision of S1-232318. |
| CR | [S1-232636](file:///E:\TSGS1_103_Gothenburg\docs\S1-232636.zip) | China Mobile | Updating CPR with newly agreed PRs | Agreed | *WI FS\_EnergyServ Rel-19 CR0003R- Cat B*  *Revision of S1-232181.*  *Revision of S1-232260.*  *Revision of S1-232318.*  Revision of S1-232364.  The 5G system shall provide a mechanism to include the ratio of renewable energy as part of charging information.  Subject to operator’s policy and agreement with 3rd party, the 5G system shall support a mechanism for the 3rd party to provide current or predicted energy consumption information over a specific period of time.  Delete CPR 6.1-7 |
| CR | [S1-232365](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232365.zip) | China Mobile | Updating CPR with newly agreed PRs – part 2 | Revised to S1-232637 | *WI FS\_EnergyServ Rel-19 CR0XXXR- Cat B* |
| CR | [S1-232637](file:///E:\TSGS1_103_Gothenburg\docs\S1-232637.zip) | China Mobile | Updating CPR with newly agreed PRs – part 2 | Agreed | *WI FS\_EnergyServ Rel-19 CR0XXXR- Cat B*  Revision of S1-232365. |
| CR | [S1-232233](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232233.zip) | Nokia, Nokia Shanghai Bell | Addressing EN 5.11 on pooling | Revised to S1-232319 | *WI* FS\_EnergyServ *Rel-19 CR*0005*R- Cat F* |
| CR | [S1-232319](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232319.zip) | Nokia, Nokia Shanghai Bell | Addressing EN 5.11 on pooling | Agreed | *WI FS\_EnergyServ Rel-19 CR0005R- Cat F*  Revision of S1-232233. |
| CR | [S1-232235](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232235.zip) | Nokia, Nokia Shanghai Bell | Consolidation of 5.11 PRs on pooling | Revised to S1-232320 | *WI* FS\_EnergyServ *Rel-19 CR*0006*R- Cat F* |
| CR | [S1-232320](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232320.zip) | Nokia, Nokia Shanghai Bell | Consolidation of 5.11 PRs on pooling | Revised to S1-232366 | *WI FS\_EnergyServ Rel-19 CR0006R- Cat F*  Revision of S1-232235. |
| CR | [S1-232366](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232366.zip) | Nokia, Nokia Shanghai Bell | Consolidation of 5.11 PRs on pooling | Agreed | *WI FS\_EnergyServ Rel-19 CR0006R- Cat F*  *Revision of S1-232235.*  Revision of S1-232320. |
| CR | [S1-232182](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232182.zip) | China Mobile | Adding conclusion in TR 22.882 | Revised to S1-232321 | *WI* FS\_EnergyServ *Rel-19 CR*0004*R- Cat B* |
| CR | [S1-232321](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232321.zip) | China Mobile | Adding conclusion in TR 22.882 | Agreed | *WI FS\_EnergyServ Rel-19 CR0004R- Cat B*  Revision of S1-232182. |
| EnergyServ: Energy Efficiency as service criteria [[SP-230520](https://www.3gpp.org/ftp/TSG_SA/TSG_SA/TSGS_100_Taipei_2023-06/Docs/SP-230520.zip)] | | | | | |
| **Work status prior to this meeting:**  Rapporteur: Xiaonan Shi, (China Mobile)  Target completion date: SA#99 (12/2023)  Percentage completion: 0% | | | | | |
| CR | [S1-232071](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232071.zip) | Samsung, China Mobile | 22.261v19.3.0 Introduction of Energy consumption as a service criteria | Revised to S1-232360 | *WI* EnergyServe *Rel-19 CR*0708*R- Cat B*  *Wrong WICode* |
| CR | [S1-232360](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232360.zip) | Samsung, China Mobile | 22.261v19.3.0 Introduction of Energy consumption as a service criteria | Revised to S1-232367 | *WI EnergyServe Rel-19 CR0708R- Cat B*  *Wrong WICode*  Revision of S1-232071. |
| CR | [S1-232367](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232367.zip) | Samsung, China Mobile | 22.261v19.3.0 Introduction of Energy consumption as a service criteria | Merged into 2632 | *WI EnergyServe Rel-19 CR0708R- Cat B*  *Wrong WICode*  *Revision of S1-232071.*  Revision of S1-232360.  To be merge |
| CR | [S1-232183](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232183.zip) | China Mobile | 22.261v19.3.0 TS 22.261 CR on adding energy efficiency as service criteria with agreed consolidation | Revised to S1-232624 | *WI* EnergyServ *Rel-19 CR*0717*R- Cat B* |
| CR | [S1-232624](file:///E:\TSGS1_103_Gothenburg\docs\S1-232624.zip) | China Mobile | 22.261v19.3.0 TS 22.261 CR on adding energy efficiency as service criteria with agreed consolidation | Revised to S1-232632 | *WI EnergyServ Rel-19 CR0717R- Cat B*  Revision of S1-232183. |
| CR | [S1-232632](file:///E:\TSGS1_103_Gothenburg\docs\S1-232632.zip) | China Mobile | 22.261v19.3.0 TS 22.261 CR on adding energy efficiency as service criteria with agreed consolidation | Revised to S1-232638 | *WI EnergyServ Rel-19 CR0717R- Cat B*  *Revision of S1-232183.*  Revision of S1-232624. |
| CR | [S1-232638](file:///E:\TSGS1_103_Gothenburg\docs\S1-232638.zip) | China Mobile | 22.261v19.3.0 TS 22.261 CR on adding energy efficiency as service criteria with agreed consolidation | Agreed | *WI EnergyServ Rel-19 CR0717R- Cat B*  *Revision of S1-232183.*  *Revision of S1-232624.*  Revision of S1-232632.  **carbon emissions:** quantity of equivalent carbon dioxide emitted (e.g. kg of CO2 equivalent).  Cover page clauses affected. Editorial correction. |
| CR | [S1-232184](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232184.zip) | China Mobile | 22.261v19.3.0 TS 22.261 CR on adding energy efficiency as service criteria with new consolidation | Noted | *WI* EnergyServ *Rel-19 CR*0718*R- Cat B* |
| FS\_SOBOT: Study on Network of Service Robots with Ambient Intelligence [[SP-220447](https://www.3gpp.org/ftp/tsg_sa/TSG_SA/TSGS_96_Budapest_2022_06/Docs/SP-220447.zip)] | | | | | |
| **Work status prior to this meeting:**  Rapporteur: Ki-Dong Lee (LGE)  Latest version: [TR22.916v0.4.0](https://www.3gpp.org/ftp/Specs/archive/22_series/22.916/22916-040.zip)  Target completion date: SA#99 (03/2023)  Percentage completion: 80% | | | | | |
| Update use cases | | | | | |
| Cont | [S1-232088](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232088.zip) | LG Electronics | Clean up for Use Case 5.1 Online cooperative high-resolution 3D map building | Revised to S1-232504 |  |
| Cont | [S1-232504](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232504.zip) | LG Electronics | Clean up for Use Case 5.1 Online cooperative high-resolution 3D map building | Revised to S1-232518 | Revision of S1-232088. |
| Cont | [S1-232518](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232518.zip) | LG Electronics | Clean up for Use Case 5.1 Online cooperative high-resolution 3D map building | Agreed | *Revision of S1-232088.*  Revision of S1-232504. |
| Cont | [S1-232089](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232089.zip) | LG Electronics | Clean up for Use Case 5.3 Smart Communication Support for Data Collection and Fusion Using Multimodal Sensors in Multi-Robot / Multi-Agent Scenarios | Agreed |  |
| Cont | [S1-232166](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232166.zip) | China Telecom | Pseudo-CR on adding description and potential gap on smart community | Revised to S1-232505 |  |
| Cont | [S1-232505](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232505.zip) | China Telecom | Pseudo-CR on adding description and potential gap on smart community | Revised to S1-232519 | Revision of S1-232166. |
| Cont | [S1-232519](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232519.zip) | China Telecom | Pseudo-CR on adding description and potential gap on smart community | Agreed | *Revision of S1-232166.*  Revision of S1-232505. |
| Cont | [S1-232090](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232090.zip) | LG Electronics | Update on Use Case 5.7 MEC for Efficient Management of Geo-surface Sensing Data | Revised to S1-232506 |  |
| Cont | [S1-232506](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232506.zip) | LG Electronics | Update on Use Case 5.7 MEC for Efficient Management of Geo-surface Sensing Data | Agreed | Revision of S1-232090. |
| Cont | [S1-232105](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232105.zip) | LG Electronics | Pseudo-CR on update to clause 5.1.3 | Revised to S1-232507 |  |
| Cont | [S1-232507](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232507.zip) | LG Electronics | Pseudo-CR on update to clause 5.1.3 | Revised to S1-232520 | Revision of S1-232105. |
| Cont | [S1-232520](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232520.zip) | LG Electronics | Pseudo-CR on update to clause 5.1.3 | Agreed | *Revision of S1-232105.*  Revision of S1-232507. |
| New use cases | | | | | |
| Cont | [S1-232087](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232087.zip) | LG Electronics | (new) Mining – A group of autonomous robots and tele-operated robots working on mining actuation and delivery | Revised to S1-232500 |  |
| Cont | [S1-232500](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232500.zip) | LG Electronics | (new) Mining – A group of autonomous robots and tele-operated robots working on mining actuation and delivery | Revised to S1-232508 | Revision of S1-232087. |
| Cont | [S1-232508](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232508.zip) | LG Electronics | (new) Mining – A group of autonomous robots and tele-operated robots working on mining actuation and delivery | Revised to S1-232521 | *Revision of S1-232087.*  Revision of S1-232500. |
| Cont | [S1-232521](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232521.zip) | LG Electronics | (new) Mining – A group of autonomous robots and tele-operated robots working on mining actuation and delivery | Agreed | *Revision of S1-232087.*  *Revision of S1-232500.*  Revision of S1-232508. |
| Others | | | | | |
| Cont | [S1-232091](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232091.zip) | LG Electronics | (new) 6.x TACMM aspects related to robot group operations/applications | Revised to S1-232516 |  |
| Cont | [S1-232516](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232516.zip) | LG Electronics | (new) 6.x TACMM aspects related to robot group operations/applications | Agreed | Revision of S1-232091. |
| FS\_SOBOT Output | | | | | |
| TR | [S1-232596](file:///E:\TSGS1_103_Gothenburg\docs\S1-232596.zip) | Rapporteur (LGE) | TR 22.916v0.5.0 Study on Network of Service Robots with Ambient Intelligence | Agreed | First draft by Tuesday 29th 23:00 UTC  Comments till Thursday 31st 23:00 UTC  Final version by Friday 1st 23:00 UTC |
| FS\_ISN: Study on Interconnect of SNPN [[SP-230236](https://www.3gpp.org/ftp/tsg_sa/TSG_SA/TSGS_99_Rotterdam_2023-03/Docs/SP-230236.zip)] | | | | | |
| **Work status prior to this meeting:**  Rapporteur: Thierry Bérisot (Novamint)  Latest version: [TR22.848v0.1.0](https://www.3gpp.org/ftp/Specs/archive/22_series/22.848/22848-010.zip)  Target completion date: SA#102 (12/2023)  Percentage completion: 30% | | | | | |
| General | | | | | |
| Cont | [S1-232095](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232095.zip) | NOVAMINT | Overview and clean up of TR22848 | Revised to S1-232461 | Removed the EN |
| Cont | [S1-232461](file:///E:\TSGS1_103_Gothenburg\Docs\S1-192461.zip) | NOVAMINT | Overview and clean up of TR22848 | Agreed | *Removed the EN*  Revision of S1-232095.  No presentation |
| Update use cases | | | | | |
| Cont | [S1-232101](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232101.zip) | Cisco Systems, Intel, Novamint | Pseudo-CR on 22.848 Use Case #1: Update to remove Editor’s Notes | Revised to S1-232452 |  |
| Cont | [S1-232452](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232452.zip) | Cisco Systems, Intel, Novamint | Pseudo-CR on 22.848 Use Case #1: Update to remove Editor’s Notes | Revised to S1-232462 | Revision of S1-232101. |
| Cont | [S1-232462](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232462.zip) | Cisco Systems, Intel, Novamint | Pseudo-CR on 22.848 Use Case #1: Update to remove Editor’s Notes | Revised to S1-232465 | *Revision of S1-232101.*  Revision of S1-232452. |
| Cont | [S1-232465](file:///E:\TSGS1_103_Gothenburg\docs\S1-232465.zip) | Cisco Systems, Intel, Novamint | Pseudo-CR on 22.848 Use Case #1: Update to remove Editor’s Notes | Revised to S1-232639 | *Revision of S1-232101.*  *Revision of S1-232452.*  Revision of S1-232462.  Send email to reflector and put in draft first. SNPN **Credential** Provider |
| Cont | [S1-232639](file:///E:\TSGS1_103_Gothenburg\docs\S1-232639.zip) | Cisco Systems, Intel, Novamint | Pseudo-CR on 22.848 Use Case #1: Update to remove Editor’s Notes | Agreed | *Revision of S1-232101.*  *Revision of S1-232452.*  *Revision of S1-232462.*  *Send email to reflector and put in draft first. SNPN* ***Credential*** *Provider*  Revision of S1-232465. |
| Cont | [S1-232231](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232231.zip) | B-Com | Metric based routing for use case 5.3 | Revised to S1-232450 |  |
| Cont | [S1-232450](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232450.zip) | B-Com | Metric based routing for use case 5.3 | Revised to S1-232463 | Revision of S1-232231. |
| Cont | [S1-232463](file:///E:\TSGS1_103_Gothenburg\Docs\S1-192463.zip) | B-Com | Metric based routing for use case 5.3 | Revised to S1-232466 | *Revision of S1-232231.*  Revision of S1-232450. |
| Cont | [S1-232466](file:///E:\TSGS1_103_Gothenburg\Docs\S1-192466.zip) | B-Com | Metric based routing for use case 5.3 | Agreed | *Revision of S1-232231.*  *Revision of S1-232450.*  Revision of S1-232463.  No presentation |
| Cont | [S1-232232](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232232.zip) | B-Com | Service continuity requirements for use case 5.4 | Revised to S1-232451 |  |
| Cont | [S1-232451](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232451.zip) | B-Com | Service continuity requirements for use case 5.4 | Revised to S1-232464 | Revision of S1-232232. |
| Cont | [S1-232464](file:///E:\TSGS1_103_Gothenburg\Docs\S1-192464.zip) | B-Com | Service continuity requirements for use case 5.4 | Revised to S1-232467 | *Revision of S1-232232.*  Revision of S1-232451. |
| Cont | [S1-232467](file:///E:\TSGS1_103_Gothenburg\Docs\S1-192467.zip) | B-Com | Service continuity requirements for use case 5.4 | Agreed | *Revision of S1-232232.*  *Revision of S1-232451.*  Revision of S1-232464.  No presentation |
| Cont | [S1-232244](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232244.zip) | Siemens AG | Resolution of Editor Notes on Identity Provider/5GS (FS\_ISN) | Revised to S1-232453 |  |
| Cont | S1-232453 | Siemens AG | Resolution of Editor Notes on Identity Provider/5GS (FS\_ISN) | Noted | Revision of S1-232244.  Merged intoS1-232465 |
| New use cases | | | | | |
| Cont | [S1-232100](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232100.zip) | NOVAMINT | Use case on Interconnect between SNPNs in a ship and in a port | Revised to S1-232454 |  |
| Cont | [S1-232454](file:///E:\TSGS1_103_Gothenburg\Docs\S1-192454.zip) | NOVAMINT | Use case on Interconnect between SNPNs in a ship and in a port | Revised to S1-232468 | Revision of S1-232100. |
| Cont | [S1-232468](file:///E:\TSGS1_103_Gothenburg\Docs\S1-192468.zip) | NOVAMINT | Use case on Interconnect between SNPNs in a ship and in a port | Noted | *Revision of S1-232100.*  Revision of S1-232454. |
| Cont | [S1-232118](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232118.zip) | NOVAMINT | Use case on Interconnect between SNPNs in a port with multiple terminals | Revised to S1-232455 |  |
| Cont | [S1-232455](file:///E:\TSGS1_103_Gothenburg\Docs\S1-192455.zip) | NOVAMINT | Use case on Interconnect between SNPNs in a port with multiple terminals | Noted | Revision of S1-232118. |
| Cont | [S1-232173](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232173.zip) | NOVAMINT | Use case on Interconnect between Airport SNPNs | Revised to S1-232457 |  |
| Cont | [S1-232457](file:///E:\TSGS1_103_Gothenburg\Docs\S1-192457.zip) | NOVAMINT | Use case on Interconnect between Airport SNPNs | Noted | Revision of S1-232173. |
| Cont | [S1-232213](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232213.zip) | NOVAMINT | Use case on Interconnect between tactical bubbles | Revised to S1-232458 |  |
| Cont | [S1-232458](file:///E:\TSGS1_103_Gothenburg\Docs\S1-192458.zip) | NOVAMINT | Use case on Interconnect between tactical bubbles | Noted | Revision of S1-232213. |
| Cont | [S1-232230](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232230.zip) | B-Com | Quality of service differentiation and resource prioritization inside a group of interconnected SNPNs | Revised to S1-232459 |  |
| Cont | [S1-232459](file:///E:\TSGS1_103_Gothenburg\docs\S1-232459.zip) | B-Com | Quality of service differentiation and resource prioritization inside a group of interconnected SNPNs | Agreed | Revision of S1-232230. |
| Consolidation & Conclusions | | | | | |
| Cont | [S1-232155](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232155.zip) | Intel, Cisco Systems, Novamint | Pseudo-CR on 22.848 Use Case #1: Consolidation of service requirements | Revised to S1-232456 |  |
| Cont | [S1-232456](file:///E:\TSGS1_103_Gothenburg\docs\S1-232456.zip) | Intel, Cisco Systems, Novamint | Pseudo-CR on 22.848 Use Case #1: Consolidation of service requirements | Noted | Revision of S1-232155. |
| Cont | [S1-232097](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232097.zip) | NOVAMINT | consolidated requirements for TR 22.848 | Revised to S1-232460 |  |
| Cont | [S1-232460](docs\S1-232460.zip) | NOVAMINT | consolidated requirements for TR 22.848 | Noted | Revision of S1-232097. |
| Cont | [S1-232082](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232082.zip) | Cisco Systems, Intel | Pseudo-CR on 22.848 Use Case #1: Update to remove Editor’s Notes | Withdrawn |  |
| FS\_ISN Output | | | | | |
| TR | [S1-232597](file:///E:\TSGS1_103_Gothenburg\docs\S1-232597.zip) | Rapporteur (NOVAMINT) | TR 22.848v0.2.0 Cover page | Withdrawn |  |
| TR | [S1-232598](docs\S1-232598.zip) | Rapporteur (NOVAMINT) | TR 22.848v0.2.0 Study on Interconnect of SNPN | Agreed | First draft by Tuesday 29th 23:00 UTC  Comments till Thursday 31st 23:00 UTC  Final version by Friday 1st 23:00 UTC  No presentation |
| Other Rel-19 contributions (e.g. CRs to clean studies completed, CRs to MiniWIDs still opened) | | | | | |
| Cont | [S1-232241](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232241.zip) | Siemens AG | Discussion on smaller 5GS time sync budget | Noted |  |
| CR | [S1-232014](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232014.zip) | Siemens | 22.104v19.0.0 Smaller 5GS time sync budget | Revised to S1-232295 | *WI*  *Rel-19 CR*0097*R- Cat C* |
| CR | [S1-232295](file:///E:\TSGS1_103_Gothenburg\docs\S1-232295.zip) | Siemens | 22.104v19.0.0 Smaller 5GS time sync budget | Agreed | *WI eCAV, TEI19 Rel-19 CR0097R- Cat C*  Revision of S1-232014. |
| CR | [S1-232185](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232185.zip) | China Mobile | 22.261.19.3.0 Supporting UE Mobility for XR service | Revised to S1-232284 | *WI* XRMobility *Rel-19 CR*0723*R- Cat B* |
| CR | [S1-232284](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232284.zip) | China Mobile | 22.261.19.3.0 Supporting UE Mobility for XR service | Revised to S1-232625 | *WI XRMobility Rel-19 CR0723R- Cat B*  Revision of S1-232185. |
| CR | [S1-232625](file:///E:\TSGS1_103_Gothenburg\docs\S1-232625.zip) | China Mobile | 22.261.19.3.0 Supporting UE Mobility for XR service | Revised to S1-232667 | *WI XRMobility Rel-19 CR0723R- Cat B*  *Revision of S1-232185.*  Revision of S1-232284. |
| CR | [S1-232667](docs\S1-232667.zip) | China Mobile | 22.261.19.3.0 Supporting UE Mobility for XR service | Agreed | *WI XRMobility Rel-19 CR0723R- Cat B*  *Revision of S1-232185.*  *Revision of S1-232284.*  Revision of S1-232625.  Move note 7 to UE speed.  NOTE 7: Similar user-experienced data rates may be achievable also at higher UE speeds. [xx] |
| CR | [S1-232211](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232211.zip) | Vodafone, Verizon, Orange, Telecom Italia, T-Mobile USA | 22.261v19.3.0 Roaming service providers enablement in 5G | Moved to 3 | *WI* SMARTER\_Ph2*, TEI16* *Rel-18 CR*0723*R- Cat A* |
| Other technical contributions | | | | | |
| Other non-technical contributions | | | | | |
| Cont | [S1-232081](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232081.zip) | Samsung | On concluding release 19 | Revised to S1-232254 |  |
| Cont | [S1-232254](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232254.zip) | Samsung | On concluding release 19 | Revised to S1-232666 | Revision of S1-232081. |
| Cont | [S1-232666](docs\S1-232666.zip) | Samsung | On concluding release 19 | Noted | *Revision of S1-232081.*  Revision of S1-232254. |
| Cont | [S1-232242](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232242.zip) | Qualcomm | Discussion on Requirements terminology | Revised to S1-232253 |  |
| Cont | [S1-232253](docs\S1-232253.zip) | Qualcomm | Discussion on Requirements terminology | Noted | Revision of S1-232242. |
| Work Item/Study Item progress | | | | | |
| Session information outputs | | | | | |
| REP | [S1-232551](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232551.zip) | Session Chair | Sensing drafting report | Agreed | *2240 needs to be open* |
| REP | [S1-232552](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232552.zip) | Session Chair | Ambient IoT drafting report | Agreed | *2347, 2344 needs to be open* |
| REP | [S1-232553](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232553.zip) | Session Chair | Metaverse drafting report | Agreed |  |
| REP | [S1-232554](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232554.zip) | Session Chair | FRMCS\_Ph5 drafting report | Agreed |  |
| REP | [S1-232555](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232555.zip) | Session Chair | NetShare + SOBOT drafting report | Agreed |  |
| REP | [S1-232556](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232556.zip) | Session Chair | DualSteer + UAV drafting report | Agreed |  |
| REP | [S1-232557](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232557.zip) | Session Chair | Sat5G drafting report | Agreed |  |
| REP | [S1-232558](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232558.zip) | Session Chair | EnergyServ + AIML\_Ph2 drafting report | Agreed |  |
| REP | [S1-232559](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232559.zip) | Session Chair | ISN drafting report | Agreed |  |
| Work Item/Study Item status update | | | | | |
| REP | [S1-232560](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232560.zip) | Deutsche Telekom | FS\_Sensing – Status report | Noted | 100% |
| REP | [S1-232561](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232561.zip) | Deutsche Telekom | Sensing – Status report | Noted | 80% |
| REP | [S1-232562](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232562.zip) | OPPO | FS\_AmbientIoT – Status report | Noted | 95% |
| REP | [S1-232563](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232563.zip) | OPPO | AmbientIoT – Status report | Noted | 80% |
| REP | [S1-232564](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232564.zip) | Samsung | FS\_Metaverse – Status report | Noted | 100% |
| REP | [S1-232565](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232565.zip) | Samsung | Metaverse – Status report | Noted | 80% |
| REP | [S1-232566](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232566.zip) | China Unicom | FS\_NetShare – Status report | Noted | 100% |
| REP | [S1-232567](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232567.zip) | China Unicom | NetShare – Status report | Noted | 100% |
| REP | [S1-232568](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232568.zip) | UIC | FS\_FRMCS\_Ph5 – Status report | Noted | 90% |
| REP | [S1-232569](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232569.zip) | UIC | FRMCS\_Ph5 – Status report | Noted | 50% |
| REP | [S1-232570](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232570.zip) | OPPO | FS\_AIML\_Ph2 – Status report | Noted | 100% |
| REP | [S1-232571](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232571.zip) | OPPO | AIML\_Ph2 – Status report | Noted | 80% |
| REP | [S1-232572](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232572.zip) | Novamint | FS\_ 5GSAT\_Ph3 – Status report | Noted | 100% |
| REP | [S1-232573](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232573.zip) | Novamint | 5GSAT\_Ph3 – Status report | Noted | 95% |
| REP | [S1-232574](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232574.zip) | China Mobile | FS\_UAV\_Ph3– Status report | Noted | 100% |
| REP | [S1-232575](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232575.zip) | China Mobile | UAV\_Ph3– Status report | Noted | 80% |
| REP | [S1-232576](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232576.zip) | Qualcomm | FS\_DualSteer – Status report | Noted | 95% |
| REP | [S1-232577](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232577.zip) | Qualcomm | DualSteer – Status report | Noted | 80% |
| REP | [S1-232578](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232578.zip) | China Mobile | FS\_EnergieServ – Status report | Revised to S1-232668 | 95% |
| REP | [S1-232668](docs\S1-232668.zip) | China Mobile | FS\_EnergieServ – Status report | Noted | *95%*  Revision of S1-232578. |
| REP | [S1-232579](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232579.zip) | China Mobile | EnergieServ – Status report | Noted | 75% |
| REP | [S1-232580](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232580.zip) | LGE | FS\_SOBOT – Status report | Noted | 90% |
| REP | [S1-232581](docs\S1-232581.zip) | Novamint | FS\_ISN – Status report | Noted | 60% |
| REP | [S1-232582](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232582.zip) | China Mobile | Mini-WID XRMobility – Status report | Noted | 100% |
| REP | [S1-232583](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232583.zip) | China Telecom | Mini-WID FMC\_Issues – Status report | Noted | 100% |
| REP | [S1-232584](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232584.zip) | Intel | Mini-WID SISN – Status report | Withdrawn |  |
| REP | [S1-232585](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232585.zip) | China Telecom | Mini-WID EdgeOpNeeds – Status report | Noted | 100% |
| REP | [S1-232586](file:///E:\TSGS1_103_Gothenburg\Docs\S1-232586.zip) | China Mobile | Mini-WID eCAT&CRS – Status report | Withdrawn |  |
| Next meetings (calendar) | | | | | |
| **2023 meetings:**  SA1#104 13-17 Nov 2023 Chicago (US)  **2024 meetings:**  SA1#105 26Feb -01 Mar 2024 T.B.D. (Europe)  SA1#106 27-31 May 2024 T.B.D. (Korea)  SA1#107 19-23 Aug 2024 T.B.D. (Europe)  SA1#108 18-22 Nov 2024 T.B.D. (US) | | | | | |
| Any other business | | | | | |
| Close | | | | | |
| Close latest by 16:00 CET on Friday 25 August 2023 | | | | | |