**3GPP TSG SA WG 1 Meeting #101** **S1-230002**

**Athens, Greece, 20 - 24 February 2023**

Title: Agenda for SA1#101

Ag. Item: 1.1

Source: SA1 Chairperson

Contact: Jose Almodovar

Submission Guidelines

* **Submission deadlines:**
  1. Tdoc **number** and **CR number** requests:     **Friday,** 10 February 2023, 23:00 UTC
  2. Document **submission**:                                **Friday,** 10 February 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#101)
* Please use the document templates available at <https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_101_Athens/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**Conclusion**: Agreed, Approved, Revised to S1-22xxxx, Noted, Withdrawn, Moved to section xxx, Rejected, Postponed, Email Approval, Not Handled, Unallocated, Drafting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 S1-22xxxx |  |
| 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| CR | S1-19xxxx | Source | Title | Withdrawn |  |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:**

Aphrodite I&II: Plenary/Drafting

Aphrodite III: Breakout

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|  |  | **Monday** | **Tuesday** | **Wednesday** | **Thursday** |  | **Friday** |
| **Q0** | **08:00**  **09:00** |  | **Drafting 1 (Aphro I&II):**  Metaverse | **Drafting 1 (Aphro I&II):**  Metaverse | **Plenary:**  Revisions  LS  WIDs | **08:00**  **09:00** |  |
| **Q1** | **09:00**  **10:30** | (start at 09:00)  **Plenary:**  1. Opening  2. Reports  3. LSs | **Drafting 1 (Aphro I&II):**  Metaverse  =================  **Drafting 2 (Aphro III):**  SOBOT + UAV\_Ph3 | **Drafting 1 (Aphro I&II):**  Metaverse  =================  **Drafting 2 (Aphro III):**  SOBOT + UAV\_Ph3 | **Plenary:**  Revisions  WIDs  Other Rel-19  Sensing | **09:00**  **10:30** | **Plenary:**  Quality Improv  Rel-18 corrections  Other Rel-19  Revisions |
|  | **Coffee** |  |  |  |  | **Coffee** |  |
| **Q2** | **11:00**  **12:30** | **Plenary:**  3. LSs | **Drafting 1 (Aphro I&II):**  Sensing  =================  **Drafting 2 (Aphro III):**  NetShare + AIML\_Ph2 | **Drafting 1 (Aphro I&II):**  Sensing  =================  **Drafting 2 (Aphro III):**  NetShare + AIML\_Ph2 | **Plenary:**  Revisions  Sensing  Quality Improv  Rel-18 corrections  Ambient IoT | **11:00**  **12:30** | **Plenary:**  Revisions |
|  | **Lunch** |  |  | **Lunch New incomers**  **(Chair & Secretary)** |  | **Lunch** |  |
| **Q3** | **14:00**  **16:00** | **Plenary:**  4. New Work Items  Quality Improv  6.1. Rel-18 corrections | **Drafting 1 (Aphro I&II):**  Sensing  =================  **Drafting 2 (Aphro III):**  DualSteer + 5GSAT\_Ph3 | **Drafting 1 (Aphro I&II):**  Sensing  =================  **Drafting 2 (Aphro III):**  DualSteer + 5GSAT\_Ph3 | **Plenary:**  Revisions  Ambient IoT  Metaverse  Netshare | **13:30**  **16:00** | **Plenary:**  Revisions  Meeting closes at 16:00 latest |
|  | **Coffee** |  |  |  |  | **Coffee** |  |
| **Q4** | **16:30**  **18:00** | **Plenary:**  7.12. Other Rel-19  Sensing (Former Use cases Updates) | **Drafting 1 (Aphro I&II):**  Ambient IoT =================  **Drafting 2 (Aphro III):**  EnergyServ | **Drafting 1 (Aphro I&II):**  Ambient IoT =================  **Drafting 2 (Aphro III):**  EnergyServ | **Plenary**  Revisions  Netshare, AIML Ph2  SAT, DualSteer | **16:30**  **1800** |  |
|  |  |  |  |  |  |  |  |
| **Q5** | **18:10**  **19:10** |  | **MMS**  (19:00) | **Drafting 1 (Aphro I&II):**  Ambient IoT | **Plenary**  Revisions  EnergyServ, SOBOT | **18:10**  **19:10** |  |

**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 Jose Almodovar* | UAV\_Ph3 + SOBOT *– chaired by Xu Xia* |
| Ambient IoT *– chaired by Jose Almodovar* | NetShare + AIML\_Ph2*– chaired by Xu Xia* |
| Metaverse *– chaired by Yusuke Nakano* | DualSteer + 5GSAT\_Ph3 *– chaired by Toon Norp* |
|  | EnergyServ *– chaired by Yusuke Nakano* |

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| Opening of the meeting | | | | | |
| Opening of the meeting at 09:00 CET on Monday 20 February 2023 | | | | | |
| Agenda and scheduling | | | | | |
| AGE | S1-230000 | SA1 Chairman | 1st Draft agenda for SA1#101 | Revised to S1-230001 |  |
| AGE | [S1-230001](file:///E:\TSGS1_101_Athens\Docs\S1-230001.zip) | SA1 Chairman | 2nd Draft agenda for SA1#101 | Revised to S1-230002 | Revision of S1-230000. |
| AGE | [S1-230002](file:///E:\TSGS1_101_Athens\docs\S1-230002.zip) | SA1 Chairman | Agenda for SA1#101 | Approved | *Revision of S1-230000.*  Revision of S1-230001. |
| 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 | S1-230004 | ETSI | Draft minutes of SA1#100e | Revised to S1-230005 |  |
| REP | [S1-230005](file:///E:\TSGS1_101_Athens\Docs\S1-230005.zip) | ETSI | Minutes of SA1#100e | Approved | Revision of S1-230004. |
| 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 S1-230007 (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 **Error! Reference source not found.**. 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 | | | | | |
| Cont | [S1-230006](file:///E:\TSGS1_101_Athens\docs\S1-230006.zip) | SA WG1 Chair | SA1-related topics at SA#98e | Noted |  |
| Cont | [S1-230009](file:///E:\TSGS1_101_Athens\docs\S1-230009.zip) | SA WG1 Chair | Planning Stage1 Rel-19 | Agreed |  |
| Cont | [S1-230003](file:///E:\TSGS1_101_Athens\docs\S1-230003.zip) | ETSI MCC | Extract of the 3GPP Work Plan for SA1#101 | Noted |  |
| Cont | [S1-230007](file:///E:\TSGS1_101_Athens\docs\S1-230007.zip) | ETSI MCC | MCC info on CR Rules | Noted |  |
| Cont | [S1-230008](file:///E:\TSGS1_101_Athens\docs\S1-230008.zip) | ETSI MCC | MCC info on WID names | Noted |  |
| Liaison Statements (including related contributions) | | | | | |
| Network selection for specific consumer type mobiles | | | | | |
| TO | [S1-230035](file:///E:\TSGS1_101_Athens\Docs\S1-230035.zip) | C1-227136 | Network selection for specific consumer type mobiles | Replied into 0739 |  |
| OUT | [S1-230179](file:///E:\TSGS1_101_Athens\Docs\S1-230179.zip) | OPPO | [Draft] Reply LS on Network selection for specific consumer type mobile | Revised to S1-230323 |  |
| OUT | [S1-230323](file:///E:\TSGS1_101_Athens\docs\S1-230323.zip) | OPPO | [Draft] Reply LS on Network selection for specific consumer type mobile | Revised to S1-230739 | Revision of S1-230179. |
| OUT | [S1-230739](file:///E:\TSGS1_101_Athens\docs\S1-230739.zip) | OPPO | [Draft] Reply LS on Network selection for specific consumer type mobile | Agreed | *Revision of S1-230179.*  Revision of S1-230323. |
| Emergency service support over ProSe relay | | | | | |
| TO | [S1-230040](file:///E:\TSGS1_101_Athens\Docs\S1-230040.zip) | S2-2211410 | LS on service requirement for emergency service support over ProSe relay | Replied into 0740 |  |
| OUT | [S1-230031](file:///E:\TSGS1_101_Athens\Docs\S1-230031.zip) | vivo | Relay LS on service requirement for emergency service support over ProSe relay | Revised to S1-230328 |  |
| OUT | [S1-230328](file:///E:\TSGS1_101_Athens\docs\S1-230328.zip) | vivo | Relay LS on service requirement for emergency service support over ProSe relay | Revised to S1-230740 | Revision of S1-230031. |
| OUT | [S1-230740](file:///E:\TSGS1_101_Athens\docs\S1-230740.zip) | vivo | Relay LS on service requirement for emergency service support over ProSe relay | Agreed | *Revision of S1-230031.*  Revision of S1-230328. |
| KPIs for AI/ML model transfer in 5GS | | | | | |
| TO | [S1-230044](file:///E:\TSGS1_101_Athens\Docs\S1-230044.zip) | S2-2301578 | LS about KPIs for AI/ML model transfer in 5GS | Replied in 0324 |  |
| OUT | [S1-230109](file:///E:\TSGS1_101_Athens\Docs\S1-230109.zip) | Qualcomm | Draft reply LS on AI-ML KPIs | Revised to S1-230324 |  |
| OUT | [S1-230324](file:///E:\TSGS1_101_Athens\docs\S1-230324.zip) | Qualcomm | Draft reply LS on AI-ML KPIs | Agreed | Revision of S1-230109. |
| CR | [S1-230110](file:///E:\TSGS1_101_Athens\Docs\S1-230110.zip) | Qualcomm | 22.261v18.8.0 CR to clarify AI-ML KPIs | Revised to S1-230741 | *WI* AIML-MT,TEI-18 *Rel-18 CR*0675*R- Cat F*  *Why TEI-18?* |
| CR | [S1-230741](file:///E:\TSGS1_101_Athens\docs\S1-230741.zip) | Qualcomm | 22.261v18.8.0 CR to clarify AI-ML KPIs | Agreed | *WI AIML-MT,TEI-18 Rel-18 CR0675R- Cat F*  *Why TEI-18?*  Revision of S1-230110. |
| OUT | [S1-230173](file:///E:\TSGS1_101_Athens\Docs\S1-230173.zip) | OPPO | [Draft] Reply LS on KPIs for AIML model transfer in 5GS | Noted |  |
| Cont | [S1-230175](file:///E:\TSGS1_101_Athens\Docs\S1-230175.zip) | OPPO | Discussion on KPI value of R18 AIML Model Transfer (AMMT) | Noted |  |
| Ad hoc group | | | | | |
| TO | [S1-230048](file:///E:\TSGS1_101_Athens\Docs\S1-230048.zip) | S6-230288 | LS on Ad hoc group | Replied into 0780 |  |
| OUT | [S1-230292](file:///E:\TSGS1_101_Athens\Docs\S1-230292.zip) | UIC | Draft reply LS on ad-hoc group | Revised to S1-230325 |  |
| OUT | [S1-230325](file:///E:\TSGS1_101_Athens\docs\S1-230325.zip) | UIC | Draft reply LS on ad-hoc group | Revised to S1-230749 | Revision of S1-230292. |
| OUT | [S1-230749](docs\S1-230749.zip) | UIC | Draft reply LS on ad-hoc group | Revised to S1-230780 | *Revision of S1-230292.*  Revision of S1-230325. |
| OUT | [S1-230780](docs\S1-230780.zip) | UIC | Draft reply LS on ad-hoc group | Agreed | *Revision of S1-230292.*  *Revision of S1-230325.*  Revision of S1-230749.  No track changes and attachaments both CRs, Next meetings |
| CR | [S1-230322](file:///E:\TSGS1_101_Athens\docs\S1-230322.zip) | UIC | 22.280v18.2.0 Ad-hoc group communication | Revised to S1-230750 | *WI AHGC Rel-18 CR0158R- Cat B* |
| CR | [S1-230750](file:///E:\TSGS1_101_Athens\docs\S1-230750.zip) | UIC | 22.280v18.2.0 Ad-hoc group communication | Agreed | *WI AHGC Rel-18 CR0158R- Cat B*  Revision of S1-230322. |
| CR | [S1-230686](file:///E:\TSGS1_101_Athens\docs\S1-230686.zip) | UIC | 22.280v19.0.0 Ad-hoc group communication | Revised to S1-230751 | *WI AHGC Rel-18 CR0159R- Cat A* |
| CR | [S1-230751](file:///E:\TSGS1_101_Athens\docs\S1-230751.zip) | UIC | 22.280v19.0.0 Ad-hoc group communication | Agreed | *WI AHGC Rel-18 CR0159R- Cat A*  Revision of S1-230686. |
| PS Data Off for IMS Data Channel service | | | | | |
| TO | [S1-230045](file:///E:\TSGS1_101_Athens\Docs\S1-230045.zip) | S2-2301827 | LS on PS Data Off for IMS Data Channel service | Replied into 590 |  |
| OUT | [S1-230075](file:///E:\TSGS1_101_Athens\Docs\S1-230075.zip) | Xiaomi, China Mobile | Reply LS on PS Data Off for IMS Data Channel Service | Revised to S1-230590 |  |
| OUT | [S1-230590](file:///E:\TSGS1_101_Athens\docs\S1-230590.zip) | Xiaomi, China Mobile | Reply LS on PS Data Off for IMS Data Channel Service | Agreed | Revision of S1-230075. |
| WID | [S1-230090](file:///E:\TSGS1_101_Athens\Docs\S1-230090.zip) | China Mobile | New WID on PS Data Off for IMS Data Channel Service | Revised to S1-230482 | *Moved from 4* |
| WID | [S1-230482](file:///E:\TSGS1_101_Athens\docs\S1-230482.zip) | China Mobile | New WID on PS Data Off for IMS Data Channel Service | Agreed | *Moved from 4*  Revision of S1-230090. |
| CR | [S1-230074](file:///E:\TSGS1_101_Athens\Docs\S1-230074.zip) | Xiaomi, China Mobile, Deutsche Telekom, Qualcomm, KPN | 22.011v18.4.0 PS Data Off for IMS Data Channel Service | Revised to S1-230736 | *WI* IMSDCDataOff *Rel-19 CR*0348*R- Cat B*  *Moved from 4* |
| CR | [S1-230736](file:///E:\TSGS1_101_Athens\docs\S1-230736.zip) | Xiaomi, China Mobile, Deutsche Telekom, Qualcomm, KPN | 22.011v18.4.0 PS Data Off for IMS Data Channel Service | Revised to S1-230745 | *WI IMSDCDataOff Rel-19 CR0348R- Cat B*  *Moved from 4*  Revision of S1-230074. |
| CR | [S1-230745](file:///E:\TSGS1_101_Athens\docs\S1-230745.zip) | Xiaomi, China Mobile, Deutsche Telekom, Qualcomm, KPN | 22.011v18.4.0 PS Data Off for IMS Data Channel Service | Agreed | *WI IMSDCDataOff Rel-19 CR0348R- Cat B*  *Moved from 4*  *Revision of S1-230074.*  Revision of S1-230736. |
| SNAAPP requirements clarifications | | | | | |
| TO | [S1-230108](file:///E:\TSGS1_101_Athens\Docs\S1-230108.zip) | S3-222970 | LS on SNAAPP requirements clarifications | Replied into 0591 | Postponed from SA1#100 |
| TO | [S1-230047](file:///E:\TSGS1_101_Athens\Docs\S1-230047.zip) | S6-223488 | LS reply on SNAAPP requirements clarifications | Replied into 0591 |  |
| OUT | [S1-230118](file:///E:\TSGS1_101_Athens\Docs\S1-230118.zip) | NTT DOCOMO | [DRAFT] Reply LS on SNAAPP requirements clarifications | Revised to S1-230329 |  |
| OUT | [S1-230329](file:///E:\TSGS1_101_Athens\docs\S1-230329.zip) | NTT DOCOMO | [DRAFT] Reply LS on SNAAPP requirements clarifications | Revised to S1-230625 | Revision of S1-230118. |
| OUT | [S1-230625](file:///E:\TSGS1_101_Athens\docs\S1-230625.zip) | NTT DOCOMO | [DRAFT] Reply LS on SNAAPP requirements clarifications | Revised to S1-230591 | *Revision of S1-230118.*  Revision of S1-230329. |
| OUT | [S1-230591](file:///E:\TSGS1_101_Athens\docs\S1-230591.zip) | NTT DOCOMO | [DRAFT] Reply LS on SNAAPP requirements clarifications | Agreed | *Revision of S1-230118.*  *Revision of S1-230329.*  Revision of S1-230625.  Take DRAFT, Acceppt all changes and action SA3 is  **ACTION:** SA1 kindly asks SA3 to take the answers above into account. |
| Facilitating roaming adoption across 3GPP NPN deployments | | | | | |
| TO | [S1-230051](file:///E:\TSGS1_101_Athens\Docs\S1-230051.zip) | SP-220985 | Reply LS on Facilitating roaming adoption across 3GPP NPN deployments | Noted | Postponed from SA1#100 |
| Proposed to Note | | | | | |
| TO | [S1-230049](file:///E:\TSGS1_101_Athens\Docs\S1-230049.zip) | SG13-LS39 | LS on initiation of new work item Y.CCO-req: ""Requirements of orchestration supporting confidential computing for network slices in IMT-2020 networks and beyond"" | Noted |  |
| TO | [S1-230050](file:///E:\TSGS1_101_Athens\Docs\S1-230050.zip) | sp17-sg11-oLS-00044 | LS on proposed new draft Recommendation ""Requirements and framework of disaster mitigation and personnel rescue for sudden natural disasters in network"" | Noted |  |
| CC | [S1-230036](file:///E:\TSGS1_101_Athens\Docs\S1-230036.zip) | C1-227157 | Reply LS on the progress and open issues for NPN enhancements in Rel-18 | Noted |  |
| CC | [S1-230037](file:///E:\TSGS1_101_Athens\Docs\S1-230037.zip) | R2-2212997 | Reply LS on SENSE feature | Noted |  |
| CC | [S1-230038](file:///E:\TSGS1_101_Athens\Docs\S1-230038.zip) | R2-2213320 | Reply LS on GNSS integrity requirement provisioning | Noted |  |
| CC | [S1-230039](file:///E:\TSGS1_101_Athens\Docs\S1-230039.zip) | S2-2211199 | LS Response on Latency impact for NTN verified UE location | Noted |  |
| CC | [S1-230041](file:///E:\TSGS1_101_Athens\Docs\S1-230041.zip) | S2-2211411 | Reply LS on QoS Sustainability analytics and V2X service adaptations | Noted |  |
| CC | [S1-230042](file:///E:\TSGS1_101_Athens\Docs\S1-230042.zip) | S2-2301362 | Reply to LS on PIN Management | Noted |  |
| CC | [S1-230043](file:///E:\TSGS1_101_Athens\Docs\S1-230043.zip) | S2-2301441 | Regarding issues related to SNPN selection for Localized services | Noted |  |
| CC | [S1-230046](file:///E:\TSGS1_101_Athens\Docs\S1-230046.zip) | S3-224175 | Reply LS on Progress and open issues for NPN enhancements in Rel-18 | Noted |  |
| CC | [S1-230052](file:///E:\TSGS1_101_Athens\Docs\S1-230052.zip) | SP-221320 | Reply LS on QoS Sustainability analytics and V2X service adaptations | Noted |  |
| CC | [S1-230053](file:///E:\TSGS1_101_Athens\Docs\S1-230053.zip) | SP-221322 | Reply LS on Use Cases and requirements for industrial factory applications | Noted |  |
| CC | [S1-230054](file:///E:\TSGS1_101_Athens\Docs\S1-230054.zip) | SP-221331 | LS to GSMA 5GMRR on finalisation of Study on Roaming Value-Added Services | Noted |  |
|  | [S1-230315](file:///E:\TSGS1_101_Athens\Docs\S1-230315.zip) | Verizon | Distinguished Engineer | Withdrawn |  |
| TO | [S1-230106](file:///E:\TSGS1_101_Athens\Docs\S1-230106.zip) | SP-220985/S1-223277 | (postponed) Reply LS on Facilitating roaming adoption across 3GPP NPN deployments | Withdrawn |  |
| TO | [S1-230107](file:///E:\TSGS1_101_Athens\Docs\S1-230107.zip) | S3-222970/S1-223272 | (postponed) LS on SNAAPP requirements clarifications | Withdrawn |  |
| New Work Items (including related contributions, studies exceptionally) | | | | | |
| SIDs | | | | | |
| SID | [S1-230184](file:///E:\TSGS1_101_Athens\Docs\S1-230184.zip) | China Mobile | Revised SID on Energy Efficiency as service criteria | Revised to S1-230332 |  |
| SID | [S1-230332](file:///E:\TSGS1_101_Athens\docs\S1-230332.zip) | China Mobile | Revised SID on Energy Efficiency as service criteria | Revised to S1-230627 | Revision of S1-230184. |
| SID | [S1-230627](file:///E:\TSGS1_101_Athens\docs\S1-230627.zip) | China Mobile | Revised SID on Energy Efficiency as service criteria | Agreed | *Revision of S1-230184.*  Revision of S1-230332.  ME impacts NO and only correct changes. |
| SID | [S1-230306](file:///E:\TSGS1_101_Athens\Docs\S1-230306.zip) | NOVAMINT, b-com, EDF, Intel, Cisco | Study on Interconnect of SNPN | Revised to S1-230347 |  |
| SID | [S1-230347](file:///E:\TSGS1_101_Athens\docs\S1-230347.zip) | NOVAMINT, b-com, EDF, Intel, Cisco | Study on Interconnect of SNPN | Revised to S1-230628 | Revision of S1-230306. |
| SID | [S1-230628](file:///E:\TSGS1_101_Athens\docs\S1-230628.zip) | NOVAMINT, b-com, EDF, Intel, Cisco | Study on Interconnect of SNPN | Revised to S1-230687 | *Revision of S1-230306.*  Revision of S1-230347. |
| SID | [S1-230687](file:///E:\TSGS1_101_Athens\docs\S1-230687.zip) | NOVAMINT, b-com, EDF, Intel, Cisco | Study on Interconnect of SNPN | Revised to S1-230794 | *Revision of S1-230306.*  *Revision of S1-230347.*  Revision of S1-230628. |
| SID | [S1-230794](docs\S1-230794.zip) | NOVAMINT, b-com, EDF, Intel, Cisco | Study on Interconnect of SNPN | Agreed | *Revision of S1-230306.*  *Revision of S1-230347.*  *Revision of S1-230628.*  Revision of S1-230687.  No track changes |
| Cont | [S1-230310](file:///E:\TSGS1_101_Athens\Docs\S1-230310.zip) | NOVAMINT, b-com, EDF, Intel, Cisco | Motivation for a SID on Interconnect of SNPN | Noted |  |
| WIDs Rel-19 | | | | | |
| WID | [S1-230033](file:///E:\TSGS1_101_Athens\Docs\S1-230033.zip) | Ericsson, Deutsche Telekom | New WID on Roaming Value-Added Services | Revised to S1-230334 |  |
| WID | [S1-230334](file:///E:\TSGS1_101_Athens\docs\S1-230334.zip) | Ericsson, Deutsche Telekom | New WID on Roaming Value-Added Services | Agreed | Revision of S1-230033.  Completion date March. |
| CR | [S1-230034](file:///E:\TSGS1_101_Athens\Docs\S1-230034.zip) | Ericsson, Deutsche Telekom, KPN, AT&T | 22.261v19.1.0 Roaming Value-Added Services | Revised to S1-230333 | *WI* RVAS *Rel-19 CR*0668*R- Cat B* |
| CR | [S1-230333](file:///E:\TSGS1_101_Athens\docs\S1-230333.zip) | Ericsson, Deutsche Telekom, KPN, AT&T | 22.261v19.1.0 Roaming Value-Added Services | Revised to S1-230629 | *WI RVAS Rel-19 CR0668R- Cat B*  Revision of S1-230034. |
| CR | [S1-230629](file:///E:\TSGS1_101_Athens\docs\S1-230629.zip) | Ericsson, Deutsche Telekom, KPN, AT&T | 22.261v19.1.0 Roaming Value-Added Services | Revised to S1-230688 | *WI RVAS Rel-19 CR0668R- Cat B*  *Revision of S1-230034.*  Revision of S1-230333. |
| CR | [S1-230688](file:///E:\TSGS1_101_Athens\docs\S1-230688.zip) | Ericsson, Deutsche Telekom, KPN, AT&T | 22.261v19.1.0 Roaming Value-Added Services | Agreed | *WI RVAS Rel-19 CR0668R- Cat B*  *Revision of S1-230034.*  *Revision of S1-230333.*  Revision of S1-230629.  Last req “The 5G system shall be able to support a mechanism such that all” |
| WID | [S1-230088](file:///E:\TSGS1_101_Athens\Docs\S1-230088.zip) | China Unicom | New WID of Network Sharing | Revised to S1-230330 |  |
| WID | [S1-230330](file:///E:\TSGS1_101_Athens\docs\S1-230330.zip) | China Unicom | New WID of Network Sharing | Revised to S1-230337 | Revision of S1-230088. |
| WID | [S1-230337](file:///E:\TSGS1_101_Athens\docs\S1-230337.zip) | China Unicom | New WID of Network Sharing | Noted | *Revision of S1-230088.*  Revision of S1-230330. |
| CR | [S1-230134](file:///E:\TSGS1_101_Athens\Docs\S1-230134.zip) | China Unicom | 22.261 v19.1.0 Addition of feature for Network Sharing | Revised to S1-230331 | *WI* INS *Rel-19 CR*0676*R- Cat B*  *Check WI code* |
| CR | [S1-230331](file:///E:\TSGS1_101_Athens\docs\S1-230331.zip) | China Unicom | 22.261 v19.1.0 Addition of feature for Network Sharing | Revised to S1-230336 | *WI INS Rel-19 CR0676R- Cat B*  *Check WI code*  Revision of S1-230134. |
| CR | [S1-230336](file:///E:\TSGS1_101_Athens\docs\S1-230336.zip) | China Unicom | 22.261 v19.1.0 Addition of feature for Network Sharing | Noted | *WI INS Rel-19 CR0676R- Cat B*  *Check WI code*  *Revision of S1-230134.*  Revision of S1-230331. |
| WID | [S1-230162](file:///E:\TSGS1_101_Athens\Docs\S1-230162.zip) | OPPO | New WID on Ambient power-enabled Internet of Things | Noted |  |
| WID | [S1-230276](file:///E:\TSGS1_101_Athens\docs\S1-230276.zip) | Samsung | New WID on Localized Mobile Metaverse Services | Revised to S1-230335 | *Moved from 7.3* |
| WID | [S1-230335](file:///E:\TSGS1_101_Athens\docs\S1-230335.zip) | Samsung | New WID on Localized Mobile Metaverse Services | Noted | *Moved from 7.3*  Revision of S1-230276. |
| Mini WIDs Rel-19 | | | | | |
| Subscribed Network Slice Priority | | | | | |
| WID | [S1-230069](file:///E:\TSGS1_101_Athens\Docs\S1-230069.zip) | Nokia, Nokia Shanghai Bell, Verizon UK Ltd., AT&T, CMCC, InterDigital, Vodafone | Subscribed Network Slice Priority | Noted | Check WI code |
| CR | [S1-230070](file:///E:\TSGS1_101_Athens\Docs\S1-230070.zip) | Nokia, Nokia Shanghai Bell, Verizon UK Ltd., AT&T, CMCC, InterDigital, Vodafone | Introducing the Subscribed Network Slice Priority | Revised to S1-230339 | *WI* SNSP *Rel-19 CR*#*R- Cat B*  Check WI code, wrong CR number, wrong cover page. |
| CR | [S1-230339](file:///E:\TSGS1_101_Athens\docs\S1-230339.zip) | Nokia, Nokia Shanghai Bell, Verizon UK Ltd., AT&T, CMCC, InterDigital, Vodafone | Introducing the Subscribed Network Slice Priority | Noted | *WI SNSP Rel-19 CR#R- Cat B*  *Check WI code, wrong CR number, wrong cover page.*  Revision of S1-230070. |
| Supporting mobility for  XR services | | | | | |
| WID | [S1-230190](file:///E:\TSGS1_101_Athens\Docs\S1-230190.zip) | China Mobile, NTT Docomo, China Telecom, China Unicom | New WID on Supporting mobility for  XR services | Revised to S1-230483 | Check WI code |
| WID | [S1-230483](file:///E:\TSGS1_101_Athens\docs\S1-230483.zip) | China Mobile, NTT Docomo, China Telecom, China Unicom | New WID on Supporting mobility for  XR services | Revised to S1-230593 | *Check WI code*  Revision of S1-230190. |
| WID | [S1-230593](file:///E:\TSGS1_101_Athens\docs\S1-230593.zip) | China Mobile, NTT Docomo, China Telecom, China Unicom | New WID on Supporting mobility for  XR services | Agreed | *Check WI code*  *Revision of S1-230190.*  Revision of S1-230483. |
| CR | [S1-230191](file:///E:\TSGS1_101_Athens\Docs\S1-230191.zip) | China Mobile, NTT Docomo, China Telecom, China Unicom | 22.261v19.1.0 Supporting UE mobility with high-speed for ARVR service | Revised to S1-230340 | *WI* SUMXS *Rel-19 CR*0677*R- Cat B*  Check WI code |
| CR | [S1-230340](file:///E:\TSGS1_101_Athens\docs\S1-230340.zip) | China Mobile, NTT Docomo, China Telecom, China Unicom | 22.261v19.1.0 Supporting UE mobility with high-speed for ARVR service | Revised to S1-230484 | *WI SUMXS Rel-19 CR0677R- Cat B*  *Check WI code*  Revision of S1-230191. |
| CR | [S1-230484](file:///E:\TSGS1_101_Athens\docs\S1-230484.zip) | China Mobile, NTT Docomo, China Telecom, China Unicom | 22.261v19.1.0 Supporting UE mobility with high-speed for ARVR service | Revised to S1-230592 | *WI SUMXS Rel-19 CR0677R- Cat B*  *Check WI code*  *Revision of S1-230191.*  Revision of S1-230340. |
| CR | [S1-230592](file:///E:\TSGS1_101_Athens\docs\S1-230592.zip) | China Mobile, NTT Docomo, China Telecom, China Unicom | 22.261v19.1.0 Supporting UE mobility with high-speed for ARVR service | Agreed | *WI SUMXS Rel-19 CR0677R- Cat B*  *Check WI code*  *Revision of S1-230191.*  *Revision of S1-230340.*  Revision of S1-230484.  Keep KPI table without any change in the CR + right clause affected+ add Huawei, Futerwei, OPPO, ZTE as supporting company. |
| Positioning Services for UEs connecting via Dual 3GPP Access | | | | | |
| WID | [S1-230213](file:///E:\TSGS1_101_Athens\Docs\S1-230213.zip) | CATT | New WID on Positioning Services for UEs connecting via Dual 3GPP Access | Noted |  |
| CR | [S1-230214](file:///E:\TSGS1_101_Athens\Docs\S1-230214.zip) | CATT | 22.071v17.0.0 New requirements on DualAccessLCS | Noted | *WI* DualAccessLCS *Rel-19 CR*0085*R- Cat B* |
| CR | [S1-230215](file:///E:\TSGS1_101_Athens\Docs\S1-230215.zip) | CATT | 22.261v19.1.0 New requirements on DualAccessLCS | Noted | *WI* DualAccessLCS *Rel-19 CR*0678*R- Cat B* |
| Edge Computing for Industrial Scenarios | | | | | |
| WID | [S1-230299](file:///E:\TSGS1_101_Athens\Docs\S1-230299.zip) | Orange | WID on Edge Computing for Industrial Scenarios | Revised to S1-230342 | Check WI code |
| WID | [S1-230342](file:///E:\TSGS1_101_Athens\docs\S1-230342.zip) | Orange | WID on Edge Computing for Industrial Scenarios | Revised to S1-230630 | *Check WI code*  Revision of S1-230299. |
| WID | [S1-230630](file:///E:\TSGS1_101_Athens\docs\S1-230630.zip) | Orange | WID on Edge Computing for Industrial Scenarios | Revised to S1-230689 | *Check WI code*  *Revision of S1-230299.*  Revision of S1-230342. |
| WID | [S1-230689](file:///E:\TSGS1_101_Athens\docs\S1-230689.zip) | Orange | WID on Edge Computing for Industrial Scenarios | Agreed | *Check WI code*  *Revision of S1-230299.*  *Revision of S1-230342.*  Revision of S1-230630. |
| CR | [S1-230301](file:///E:\TSGS1_101_Athens\Docs\S1-230301.zip) | Orange | 22.104v18.3.0 Additional clarification on security ,privacy for mobile robots using edge cloud | Revised to S1-230343 | *WI* SNSP *Rel-19 CR*#*R- Cat B*  Check WI code, wrong CR number  Moved from 6.1 |
| CR | [S1-230343](file:///E:\TSGS1_101_Athens\docs\S1-230343.zip) | Orange | 22.104v18.3.0 Additional clarification on security ,privacy for mobile robots using edge cloud | Revised to S1-230631 | *WI SNSP Rel-19 CR#R- Cat B*  *Check WI code, wrong CR number*  *Moved from 6.1*  Revision of S1-230301. |
| CR | [S1-230631](file:///E:\TSGS1_101_Athens\docs\S1-230631.zip) | Orange | 22.104v18.3.0 Additional clarification on security ,privacy for mobile robots using edge cloud | Revised to S1-230690 | *WI SNSP Rel-19 CR#R- Cat B*  *Check WI code, wrong CR number*  *Moved from 6.1*  *Revision of S1-230301.*  Revision of S1-230343. |
| CR | [S1-230690](file:///E:\TSGS1_101_Athens\docs\S1-230690.zip) | Orange | 22.104v18.3.0 Additional clarification on security ,privacy for mobile robots using edge cloud | Agreed | *WI SNSP Rel-19 CR#R- Cat B*  *Check WI code, wrong CR number*  *Moved from 6.1*  *Revision of S1-230301.*  *Revision of S1-230343.*  Revision of S1-230631.  This is r3 in the counter and full stop at the end of the paragraph. |
| CR | [S1-230314](file:///E:\TSGS1_101_Athens\Docs\S1-230314.zip) | Orange | 22.104v18.3.0 An additional usecase for Industrial edge cloud regarding digital twin usage | Revised to S1-230344 | *WI* SNSP *Rel-19 CR*#*R- Cat C*  Check WI code, wrong CR number  Moved from 6.1 |
| CR | [S1-230344](file:///E:\TSGS1_101_Athens\docs\S1-230344.zip) | Orange | 22.104v18.3.0 An additional usecase for Industrial edge cloud regarding digital twin usage | Revised to S1-230632 | *WI SNSP Rel-19 CR#R- Cat C*  *Check WI code, wrong CR number*  *Moved from 6.1*  Revision of S1-230314. |
| CR | [S1-230632](file:///E:\TSGS1_101_Athens\docs\S1-230632.zip) | Verizon, Orange | 22.104v18.3.0 An additional usecase for Industrial edge cloud regarding digital twin usage | Revised to S1-230691 | *WI SNSP Rel-19 CR#R- Cat C*  *Check WI code, wrong CR number*  *Moved from 6.1*  *Revision of S1-230314.*  Revision of S1-230344. |
| CR | [S1-230691](file:///E:\TSGS1_101_Athens\docs\S1-230691.zip) | Verizon, Orange | 22.104v18.3.0 An additional usecase for Industrial edge cloud regarding digital twin usage | Revised to S1-230797 | *WI SNSP Rel-19 CR#R- Cat C*  *Check WI code, wrong CR number*  *Moved from 6.1*  *Revision of S1-230314.*  *Revision of S1-230344.*  Revision of S1-230632. |
| CR | [S1-230797](docs\S1-230797.zip) | Verizon, Orange | 22.104v18.3.0 An additional usecase for Industrial edge cloud regarding digital twin usage | Agreed | *WI SNSP Rel-19 CR#R- Cat C*  *Check WI code, wrong CR number*  *Moved from 6.1*  *Revision of S1-230314.*  *Revision of S1-230344.*  *Revision of S1-230632.*  Revision of S1-230691.  Delete clause A2.2.2 |
| MPS handling for multiple accesses | | | | | |
| WID | [S1-230346](file:///E:\TSGS1_101_Athens\docs\S1-230346.zip) | Peraton Labs, CISA ECD, AT&T, T-Mobile US, Verizon | WID on MPS handling for multiple accesses | Withdrawn |  |
| CR | [S1-230105](file:///E:\TSGS1_101_Athens\Docs\S1-230105.zip) | Peraton Labs, CISA ECD, AT&T, T-Mobile US, Verizon | 22.153v18.1.0 MPS handling for multiple accesses | Revised to S1-230345 | *WI* TIE19 *Rel-19 CR*0057*R- Cat B*  Needs a WID  Wrong WI code |
| CR | [S1-230345](file:///E:\TSGS1_101_Athens\docs\S1-230345.zip) | Peraton Labs, CISA ECD, AT&T, T-Mobile US, Verizon | 22.153v18.1.0 MPS handling for multiple accesses | Noted | *WI TIE19 Rel-19 CR0057R- Cat B*  *Needs a WID*  *Wrong WI code*  Revision of S1-230105. |
| WID | [S1-230090](file:///E:\TSGS1_101_Athens\Docs\S1-230090.zip) | China Mobile Com. Corporation | New WID on PS Data Off for IMS Data Channel Service | Moved to 3 |  |
| CR | [S1-230074](file:///E:\TSGS1_101_Athens\Docs\S1-230074.zip) | Xiaomi, China Mobile, Deutsche Telekom, Qualcomm, KPN | 22.011v18.4.0 PS Data Off for IMS Data Channel Service | Moved to 3 | *WI* IMSDCDataOff *Rel-18 CR*0348*R- Cat B* |
| 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 | [S1-230081](file:///E:\TSGS1_101_Athens\Docs\S1-230081.zip) | Lenovo | 22.261v18.8.0 Miscellaneous corrections to Ranging | Revised to S1-230348 | *WI* Ranging *Rel-18 CR*0669*R- Cat D* |
| CR | [S1-230348](file:///E:\TSGS1_101_Athens\docs\S1-230348.zip) | Lenovo | 22.261v18.8.0 Miscellaneous corrections to Ranging | Agreed | *WI Ranging Rel-18 CR0669R- Cat D*  Revision of S1-230081. |
| CR | [S1-230082](file:///E:\TSGS1_101_Athens\Docs\S1-230082.zip) | Lenovo | 22.261v19.1.0 Miscellaneous corrections to Ranging | Revised to S1-230349 | *WI* Ranging *Rel-19 CR*0670*R- Cat A* |
| CR | [S1-230349](file:///E:\TSGS1_101_Athens\docs\S1-230349.zip) | Lenovo | 22.261v19.1.0 Miscellaneous corrections to Ranging | Agreed | *WI Ranging Rel-19 CR0670R- Cat A*  Revision of S1-230082. |
| Rel-18 and earlier contributions | | | | | |
| Rel-18 correction and clarification CRs | | | | | |
| CR | [S1-230080](file:///E:\TSGS1_101_Athens\Docs\S1-230080.zip) | Xiaomi | 22.011v18.4.0 Clarification of SENSE requirement about the USIM usage | Noted | *WI* SENSE *Rel-18 CR*0349*R- Cat F* |
| CR | [S1-230083](file:///E:\TSGS1_101_Athens\Docs\S1-230083.zip) | Lenovo | 22.261v18.8.0 Removal of redundant pointer to LPHAP use cases in TS 22.104 | Noted | *WI* LPHAP *Rel-18 CR*0671*R- Cat F* |
| CR | [S1-230084](file:///E:\TSGS1_101_Athens\Docs\S1-230084.zip) | Lenovo | 22.261v19.1.0 Removal of redundant pointer to LPHAP use cases in TS 22.104 | Noted | *WI* LPHAP *Rel-19 CR*0672*R- Cat A* |
| CR | [S1-230085](file:///E:\TSGS1_101_Athens\Docs\S1-230085.zip) | Lenovo, Qualcomm | 22.261v18.8.0 Corrections to PALS | Revised to S1-230550 | *WI* PALS *Rel-18 CR*0673*R- Cat F* |
| CR | [S1-230550](file:///E:\TSGS1_101_Athens\docs\S1-230550.zip) | Lenovo, Qualcomm | 22.261v18.8.0 Corrections to PALS | Agreed | *WI PALS Rel-18 CR0673R- Cat F*  Revision of S1-230085. |
| CR | [S1-230086](file:///E:\TSGS1_101_Athens\Docs\S1-230086.zip) | Lenovo, Qualcomm | 22.261v19.1.0 Corrections to PALS | Revised to S1-230551 | *WI* PALS *Rel-19 CR*0674*R- Cat A* |
| CR | [S1-230551](file:///E:\TSGS1_101_Athens\docs\S1-230551.zip) | Lenovo, Qualcomm | 22.261v19.1.0 Corrections to PALS | Agreed | *WI PALS Rel-19 CR0674R- Cat A*  Revision of S1-230086. |
| CR | [S1-230154](file:///E:\TSGS1_101_Athens\Docs\S1-230154.zip) | Qualcomm | 22.153v18.1.0 CR to correct MPS requirements | Revised to S1-230552 | *WI* MPS-WLAN,TEI-18 *Rel-18 CR*0058*R- Cat F*  *TEI-18 no needed* |
| CR | [S1-230552](file:///E:\TSGS1_101_Athens\docs\S1-230552.zip) | Qualcomm | 22.153v18.1.0 CR to correct MPS requirements | Noted | *WI MPS-WLAN,TEI-18 Rel-18 CR0058R- Cat F*  *TEI-18 no needed*  Revision of S1-230154. |
| CR | [S1-230301](file:///E:\TSGS1_101_Athens\Docs\S1-230301.zip) | Orange | Additional clarification on security ,privacy for mobile robots using edge cloud | Moved to 4 | *WI* SNSP *Rel-19 CR*#*R- Cat B*  Check WI code, wrong CR number |
| CR | [S1-230314](file:///E:\TSGS1_101_Athens\Docs\S1-230314.zip) | Orange | An additional usecase for Industrial edge cloud regarding digital twin usage | Moved to 4 | *WI* SNSP *Rel-19 CR*#*R- Cat C*  Check WI code, wrong CR number |
| 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. | | | | | |
| Rel-17 and earlier CRs (other than alignment) | | | | | |
| Rel19 contributions | | | | | |
| 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 22.837v0.3.0](https://ftp.3gpp.org/Specs/archive/22_series/22.837/22837-030.zip)  Target completion date: SA#100 (06/2023)  Percentage completion: 65% | | | | | |
| General | | | | | |
| Cont | [S1-230077](file:///E:\TSGS1_101_Athens\docs\S1-230077.zip) | Nokia, Nokia Shanghai Bell, Deutsche Telekom | Pseudo-CR on correction to sensing KPI definitions | Revised to S1-230600 |  |
| Cont | [S1-230600](file:///E:\TSGS1_101_Athens\docs\S1-230600.zip) | Nokia, Nokia Shanghai Bell, Deutsche Telekom | Pseudo-CR on correction to sensing KPI definitions | Agreed | Revision of S1-230077. |
| Cont | [S1-230181](file:///E:\TSGS1_101_Athens\Docs\S1-230181.zip) | KPN | Pseudo-CR on update of definitions in TR 22.837 | Merge into S1-230600 |  |
| Cont | [S1-230194](file:///E:\TSGS1_101_Athens\Docs\S1-230194.zip) | China Telecom | Definition of rainfall estimation accuracy | Revised to S1-230601 |  |
| Cont | [S1-230601](file:///E:\TSGS1_101_Athens\docs\S1-230601.zip) | China Telecom | Definition of rainfall estimation accuracy | Agreed | Revision of S1-230194. |
| Cont | [S1-230221](file:///E:\TSGS1_101_Athens\Docs\S1-230221.zip) | Huawei | Discussion on the sensing definitions | Noted |  |
| Cont | [S1-230222](file:///E:\TSGS1_101_Athens\Docs\S1-230222.zip) | Huawei | Update of sensing definitions | Revised to S1-230532 |  |
| Cont | [S1-230532](file:///E:\TSGS1_101_Athens\docs\S1-230532.zip) | Huawei | Update of sensing definitions | Revised to S1-230549 | Revision of S1-230222. |
| Cont | [S1-230549](file:///E:\TSGS1_101_Athens\docs\S1-230549.zip) | Huawei | Update of sensing definitions | Agreed | *Revision of S1-230222.*  Revision of S1-230532. |
| Cont | [S1-230224](file:///E:\TSGS1_101_Athens\Docs\S1-230224.zip) | vivo | Update definition and usage on motion rate accuracy | Revised to S1-230602 |  |
| Cont | [S1-230602](file:///E:\TSGS1_101_Athens\docs\S1-230602.zip) | vivo | Update definition and usage on motion rate accuracy | Withdrawn | Revision of S1-230224. |
| Cont | [S1-230320](file:///E:\TSGS1_101_Athens\docs\S1-230320.zip) | SA1 Chair | FS\_Sensing Definition updates compilation | Noted |  |
| Cont | [S1-230297](file:///E:\TSGS1_101_Athens\docs\S1-230297.zip) | Apple | Discussion of Sensing concepts | Noted |  |
| Cont | [S1-230180](file:///E:\TSGS1_101_Athens\Docs\S1-230180.zip) | OPPO | Discussion paper on KPI definition about false alarm related use cases | Noted |  |
| New Use Cases | | | | | |
| Cont | [S1-230012](file:///E:\TSGS1_101_Athens\Docs\S1-230012.zip) | FirstNet | Pseudo-CR on Public Safety indoor search and rescue for Sensing and Communications | Revised to S1-230024 |  |
| Cont | [S1-230024](file:///E:\TSGS1_101_Athens\Docs\S1-230024.zip) | FirstNet | Pseudo-CR on Public Safety indoor search and rescue for Sensing and Communications | Revised to S1-230503 | Revision of S1-230012. |
| Cont | [S1-230503](file:///E:\TSGS1_101_Athens\docs\S1-230503.zip) | FirstNet | Pseudo-CR on Public Safety indoor search and rescue for Sensing and Communications | Merge into S1-230504 | *Revision of S1-230012.*  Revision of S1-230024. |
| Cont | [S1-230013](file:///E:\TSGS1_101_Athens\Docs\S1-230013.zip) | FirstNet | Pseudo-CR on Public Safety Outdoor search and rescue/apprehend for Sensing and Communications | Revised to S1-230504 |  |
| Cont | [S1-230504](file:///E:\TSGS1_101_Athens\docs\S1-230504.zip) | FirstNet | Pseudo-CR on Public Safety Outdoor search and rescue/apprehend for Sensing and Communications | Revised to S1-230607 | Revision of S1-230013. |
| Cont | [S1-230607](file:///E:\TSGS1_101_Athens\docs\S1-230607.zip) | FirstNet | Pseudo-CR on Public Safety Outdoor search and rescue/apprehend for Sensing and Communications | Revised to S1-230633 | *Revision of S1-230013.*  Revision of S1-230504. |
| Cont | [S1-230633](file:///E:\TSGS1_101_Athens\docs\S1-230633.zip) | FirstNet | Pseudo-CR on Public Safety Outdoor search and rescue/apprehend for Sensing and Communications | Revised to S1-230668 | *Revision of S1-230013.*  *Revision of S1-230504.*  Revision of S1-230607. |
| Cont | [S1-230668](file:///E:\TSGS1_101_Athens\docs\S1-230668.zip) | FirstNet | Pseudo-CR on Public Safety Outdoor search and rescue/apprehend for Sensing and Communications | Revised to S1-230692 | *Revision of S1-230013.*  *Revision of S1-230504.*  *Revision of S1-230607.*  Revision of S1-230633. |
| Cont | [S1-230692](file:///E:\TSGS1_101_Athens\docs\S1-230692.zip) | FirstNet | Pseudo-CR on Public Safety Outdoor search and rescue/apprehend for Sensing and Communications | Agreed | *Revision of S1-230013.*  *Revision of S1-230504.*  *Revision of S1-230607.*  *Revision of S1-230633.*  Revision of S1-230668. |
| Cont | [S1-230076](file:///E:\TSGS1_101_Athens\Docs\S1-230076.zip) | Nokia, Nokia Shanghai Bell | Health monitoring in care facilities | Revised to S1-230505 |  |
| Cont | [S1-230505](file:///E:\TSGS1_101_Athens\docs\S1-230505.zip) | Nokia, Nokia Shanghai Bell | Health monitoring in care facilities | Withdrawn | Revision of S1-230076. |
| Cont | [S1-230089](file:///E:\TSGS1_101_Athens\Docs\S1-230089.zip) | Xiaomi, Qualcomm, OPPO | New use case: Vehicle Sensing for ADAS | Revised to S1-230506 |  |
| Cont | [S1-230506](file:///E:\TSGS1_101_Athens\docs\S1-230506.zip) | Xiaomi, Qualcomm, OPPO | New use case: Vehicle Sensing for ADAS | Revised to S1-230634 | Revision of S1-230089. |
| Cont | [S1-230634](file:///E:\TSGS1_101_Athens\docs\S1-230634.zip) | Xiaomi, Qualcomm, OPPO | New use case: Vehicle Sensing for ADAS | Revised to S1-230693 | *Revision of S1-230089.*  Revision of S1-230506. |
| Cont | [S1-230693](file:///E:\TSGS1_101_Athens\docs\S1-230693.zip) | Xiaomi, Qualcomm, OPPO | New use case: Vehicle Sensing for ADAS | Agreed | *Revision of S1-230089.*  *Revision of S1-230506.*  Revision of S1-230634.  Remove references not used + add Huawei |
| Cont | [S1-230094](file:///E:\TSGS1_101_Athens\Docs\S1-230094.zip) | Xiaomi | New use case: eCall Sensing for life detection | Revised to S1-230507 |  |
| Cont | [S1-230507](file:///E:\TSGS1_101_Athens\docs\S1-230507.zip) | Xiaomi | New use case: eCall Sensing for life detection | Noted | Revision of S1-230094. |
| Cont | [S1-230111](file:///E:\TSGS1_101_Athens\Docs\S1-230111.zip) | Intel | Use case on Sensing Malicious UE Transmitter | Revised to S1-230508 |  |
| Cont | [S1-230508](file:///E:\TSGS1_101_Athens\docs\S1-230508.zip) | Intel | Use case on Sensing Malicious UE Transmitter | Revised to S1-230635 | Revision of S1-230111. |
| Cont | [S1-230635](file:///E:\TSGS1_101_Athens\docs\S1-230635.zip) | Intel | Use case on Sensing Malicious UE Transmitter | Withdrawn | *Revision of S1-230111.*  Revision of S1-230508. |
| Cont | [S1-230112](file:///E:\TSGS1_101_Athens\Docs\S1-230112.zip) | Intel | Use case on Sensing 5G Spectrum for Opportunistic Spectrum Access | Noted |  |
| Cont | [S1-230120](file:///E:\TSGS1_101_Athens\Docs\S1-230120.zip) | Qualcomm | Use Case on Application Navigation using Gesture Recognition | Revised to S1-230509 |  |
| Cont | [S1-230509](file:///E:\TSGS1_101_Athens\docs\S1-230509.zip) | Qualcomm | Use Case on Application Navigation using Gesture Recognition | Revised to S1-230636 | Revision of S1-230120. |
| Cont | [S1-230636](file:///E:\TSGS1_101_Athens\docs\S1-230636.zip) | Qualcomm | Use Case on Application Navigation using Gesture Recognition | Revised to S1-230695 | *Revision of S1-230120.*  Revision of S1-230509. |
| Cont | [S1-230695](file:///E:\TSGS1_101_Athens\docs\S1-230695.zip) | Qualcomm | Use Case on Application Navigation using Gesture Recognition | Agreed | *Revision of S1-230120.*  *Revision of S1-230509.*  Revision of S1-230636.  Range resolutions and positioning accuracy to FFS |
| Cont | [S1-230124](file:///E:\TSGS1_101_Athens\Docs\S1-230124.zip) | Rakuten | Pseudo-CR Use case of sensing on Congestion Detection | Noted |  |
| Cont | [S1-230135](file:///E:\TSGS1_101_Athens\Docs\S1-230135.zip) | Huawei, Xiaomi | out-of-coverage 5G Wireless sensing for automotive maneuvering and navigation service | Revised to S1-230502 |  |
| Cont | [S1-230502](file:///E:\TSGS1_101_Athens\docs\S1-230502.zip) | Huawei, Xiaomi | out-of-coverage 5G Wireless sensing for automotive maneuvering and navigation service | Revised to S1-230510 | Revision of S1-230135. |
| Cont | [S1-230510](file:///E:\TSGS1_101_Athens\docs\S1-230510.zip) | Huawei, Xiaomi | out-of-coverage 5G Wireless sensing for automotive maneuvering and navigation service | Revised to S1-230637 | *Revision of S1-230135.*  Revision of S1-230502. |
| Cont | [S1-230637](file:///E:\TSGS1_101_Athens\docs\S1-230637.zip) | Huawei, Xiaomi | out-of-coverage 5G Wireless sensing for automotive maneuvering and navigation service | Revised to S1-230798 | *Revision of S1-230135.*  *Revision of S1-230502.*  Revision of S1-230510. |
| Cont | [S1-230798](docs\S1-230798.zip) | Huawei, Xiaomi | out-of-coverage 5G Wireless sensing for automotive maneuvering and navigation service | Agreed | *Revision of S1-230135.*  *Revision of S1-230502.*  *Revision of S1-230510.*  Revision of S1-230637.  Delete note from service flow step 2. |
| Cont | [S1-230146](file:///E:\TSGS1_101_Athens\Docs\S1-230146.zip) | CMDI | pCR on new use case on intersection detection for a Smart Traffic Light | Revised to S1-230562 |  |
| Cont | [S1-230562](file:///E:\TSGS1_101_Athens\docs\S1-230562.zip) | CMDI | pCR on new use case on intersection detection for a Smart Traffic Light | Revised to S1-230511 | Revision of S1-230146. |
| Cont | [S1-230511](file:///E:\TSGS1_101_Athens\docs\S1-230511.zip) | CMDI | pCR on new use case on intersection detection for a Smart Traffic Light | Revised to S1-230638 | *Revision of S1-230146.*  Revision of S1-230562. |
| Cont | [S1-230638](file:///E:\TSGS1_101_Athens\docs\S1-230638.zip) | CMDI | pCR on new use case on intersection detection for a Smart Traffic Light | Withdrawn | *Revision of S1-230146.*  *Revision of S1-230562.*  Revision of S1-230511. |
| Cont | [S1-230152](file:///E:\TSGS1_101_Athens\Docs\S1-230152.zip) | CATT | pCR use case on Hand Tracking in XR applications | Merge into S1-230509 |  |
| Cont | [S1-230206](file:///E:\TSGS1_101_Athens\Docs\S1-230206.zip) | DENSO | 5G Wireless sensing for automated mobility in partial coverage and out-of-coverage | Merge into S1-230510 |  |
| Cont | [S1-230216](file:///E:\TSGS1_101_Athens\Docs\S1-230216.zip) | IIT Bombay | Use case on sensing disturbance/intrusion in maritime scenario | Revised to S1-230554 |  |
| Cont | [S1-230554](file:///E:\TSGS1_101_Athens\docs\S1-230554.zip) | IIT Bombay | Use case on sensing disturbance/intrusion in maritime scenario | Noted | Revision of S1-230216. |
| Cont | [S1-230227](file:///E:\TSGS1_101_Athens\Docs\S1-230227.zip) | vivo | New use case on blind spot detection | Revised to S1-230512 |  |
| Cont | [S1-230512](file:///E:\TSGS1_101_Athens\docs\S1-230512.zip) | vivo | New use case on blind spot detection | Revised to S1-230639 | Revision of S1-230227. |
| Cont | [S1-230639](file:///E:\TSGS1_101_Athens\docs\S1-230639.zip) | vivo | New use case on blind spot detection | Agreed | *Revision of S1-230227.*  Revision of S1-230512. |
| Cont | [S1-230244](file:///E:\TSGS1_101_Athens\Docs\S1-230244.zip) | Xiaomi | New use case on sensing-assisted autonomous driving | Merge into S1-230510 |  |
| Cont | [S1-230245](file:///E:\TSGS1_101_Athens\Docs\S1-230245.zip) | Xiaomi | New use case on sensing-assisted child custody | Noted |  |
| Cont | [S1-230269](file:///E:\TSGS1_101_Athens\Docs\S1-230269.zip) | Rakuten | Use Case on Air Pollution Monitoring using Sensing | Revised to S1-230513 |  |
| Cont | [S1-230513](file:///E:\TSGS1_101_Athens\docs\S1-230513.zip) | Rakuten | Use Case on Air Pollution Monitoring using Sensing | Noted | Revision of S1-230269. |
| Cont | [S1-230317](file:///E:\TSGS1_101_Athens\docs\S1-230317.zip) | Philips | New use case on fall detection using wireless sensing | Revised to S1-230514 |  |
| Cont | [S1-230514](file:///E:\TSGS1_101_Athens\docs\S1-230514.zip) | Philips | New use case on fall detection using wireless sensing | Revised to S1-230646 | Revision of S1-230317. |
| Cont | [S1-230646](file:///E:\TSGS1_101_Athens\docs\S1-230646.zip) | Philips | New use case on fall detection using wireless sensing | Noted | *Revision of S1-230317.*  Revision of S1-230514. |
| Cont | [S1-230295](file:///E:\TSGS1_101_Athens\docs\S1-230295.zip) | Apple | New Use case on Simultaneous Active Sensing Services | Revised to S1-230548 |  |
| Cont | [S1-230548](file:///E:\TSGS1_101_Athens\docs\S1-230548.zip) | Apple | New Use case on Simultaneous Active Sensing Services | Noted | Revision of S1-230295. |
| Cont | [S1-230318](file:///E:\TSGS1_101_Athens\docs\S1-230318.zip) | Lenovo | Use Case of sensing assistance for visually impaired | Revised to S1-230530 |  |
| Cont | [S1-230530](file:///E:\TSGS1_101_Athens\docs\S1-230530.zip) | Lenovo | Use Case of sensing assistance for visually impaired | Revised to S1-230533 | Revision of S1-230318. |
| Cont | [S1-230533](file:///E:\TSGS1_101_Athens\docs\S1-230533.zip) | Lenovo | Use Case of sensing assistance for visually impaired | Revised to S1-230640 | *Revision of S1-230318.*  Revision of S1-230530. |
| Cont | [S1-230640](file:///E:\TSGS1_101_Athens\docs\S1-230640.zip) | Lenovo | Use Case of sensing assistance for visually impaired | Revised to S1-230779 | *Revision of S1-230318.*  *Revision of S1-230530.*  Revision of S1-230533. |
| Cont | [S1-230779](file:///E:\TSGS1_101_Athens\docs\S1-230779.zip) | Lenovo | Use Case of sensing assistance for visually impaired | Withdrawn | *Revision of S1-230318.*  *Revision of S1-230530.*  *Revision of S1-230533.*  Revision of S1-230640. |
| Cont | [S1-230319](file:///E:\TSGS1_101_Athens\docs\S1-230319.zip) | Lenovo | Use Case of sensing assistance for enhanced positioning | Revised to S1-230531 |  |
| Cont | [S1-230531](file:///E:\TSGS1_101_Athens\docs\S1-230531.zip) | Lenovo | Use Case of sensing assistance for enhanced positioning | Revised to S1-230534 | Revision of S1-230319. |
| Cont | [S1-230534](file:///E:\TSGS1_101_Athens\docs\S1-230534.zip) | Lenovo | Use Case of sensing assistance for enhanced positioning | Revised to S1-230641 | *Revision of S1-230319.*  Revision of S1-230531. |
| Cont | [S1-230641](file:///E:\TSGS1_101_Athens\docs\S1-230641.zip) | Lenovo | Use Case of sensing assistance for enhanced positioning | Revised to S1-230696 | *Revision of S1-230319.*  *Revision of S1-230531.*  Revision of S1-230534. |
| Cont | [S1-230696](file:///E:\TSGS1_101_Athens\docs\S1-230696.zip) | Lenovo | Use Case of sensing assistance for enhanced positioning | Agreed | *Revision of S1-230319.*  *Revision of S1-230531.*  *Revision of S1-230534.*  Revision of S1-230641.  Remove second requirement |
| Former Use cases Updates | | | | | |
| Cont | [S1-230055](file:///E:\TSGS1_101_Athens\Docs\S1-230055.zip) | InterDigital | Update of the use case of intruder detection in smart home | Revised to S1-230557 |  |
| Cont | [S1-230557](file:///E:\TSGS1_101_Athens\docs\S1-230557.zip) | InterDigital | Update of the use case of intruder detection in smart home | Revised to S1-230642 | Revision of S1-230055. |
| Cont | [S1-230642](file:///E:\TSGS1_101_Athens\docs\S1-230642.zip) | InterDigital | Update of the use case of intruder detection in smart home | Noted | *Revision of S1-230055.*  Revision of S1-230557. |
| Cont | [S1-230294](file:///E:\TSGS1_101_Athens\Docs\S1-230294.zip) | Apple | Clarification on sensing data processing and entity initiating sensing procedure | Revised to S1-230535 |  |
| Cont | [S1-230535](file:///E:\TSGS1_101_Athens\docs\S1-230535.zip) | Apple | Clarification on sensing data processing and entity initiating sensing procedure | Noted | Revision of S1-230294. |
| Cont | [S1-230056](file:///E:\TSGS1_101_Athens\Docs\S1-230056.zip) | InterDigital | Update of the use case on health monitoring at home | Revised to S1-230556 |  |
| Cont | [S1-230556](file:///E:\TSGS1_101_Athens\docs\S1-230556.zip) | InterDigital | Update of the use case on health monitoring at home | Revised to S1-230643 | Revision of S1-230056. |
| Cont | [S1-230643](file:///E:\TSGS1_101_Athens\docs\S1-230643.zip) | InterDigital | Update of the use case on health monitoring at home | Noted | *Revision of S1-230056.*  Revision of S1-230556. |
| Cont | [S1-230060](file:///E:\TSGS1_101_Athens\Docs\S1-230060.zip) | InterDigital | Update of use case on sensing in smart cities | Revised to S1-230558 |  |
| Cont | [S1-230558](file:///E:\TSGS1_101_Athens\docs\S1-230558.zip) | InterDigital | Update of use case on sensing in smart cities | Agreed | Revision of S1-230060. |
| Cont | [S1-230116](file:///E:\TSGS1_101_Athens\Docs\S1-230116.zip) | NTT DOCOMO, NTT | Update use case on sensing for flooding in smart cities | Revised to S1-230539 |  |
| Cont | [S1-230539](file:///E:\TSGS1_101_Athens\docs\S1-230539.zip) | NTT DOCOMO, NTT | Update use case on sensing for flooding in smart cities | Agreed | Revision of S1-230116. |
| Cont | [S1-230098](file:///E:\TSGS1_101_Athens\Docs\S1-230098.zip) | ZTE | pCR to update 5.11 | Revised to S1-230559 |  |
| Cont | [S1-230559](file:///E:\TSGS1_101_Athens\docs\S1-230559.zip) | ZTE | pCR to update 5.11 | Revised to S1-230644 | Revision of S1-230098. |
| Cont | [S1-230644](file:///E:\TSGS1_101_Athens\docs\S1-230644.zip) | ZTE | pCR to update 5.11 | Revised to S1-230697 | *Revision of S1-230098.*  Revision of S1-230559. |
| Cont | [S1-230697](file:///E:\TSGS1_101_Athens\docs\S1-230697.zip) | ZTE | pCR to update 5.11 | Agreed | *Revision of S1-230098.*  *Revision of S1-230559.*  Revision of S1-230644.  Remove changes on changes  No presentation |
| Cont | [S1-230113](file:///E:\TSGS1_101_Athens\Docs\S1-230113.zip) | Qualcomm | Update to Use case on Seamless XR Streaming | Revised to S1-230536 |  |
| Cont | [S1-230536](file:///E:\TSGS1_101_Athens\docs\S1-230536.zip) | Qualcomm | Update to Use case on Seamless XR Streaming | Revised to S1-230605 | Revision of S1-230113. |
| Cont | [S1-230605](file:///E:\TSGS1_101_Athens\docs\S1-230605.zip) | Qualcomm | Update to Use case on Seamless XR Streaming | Revised to S1-230647 | *Revision of S1-230113.*  Revision of S1-230536. |
| Cont | [S1-230647](file:///E:\TSGS1_101_Athens\docs\S1-230647.zip) | Qualcomm | Update to Use case on Seamless XR Streaming | Agreed | *Revision of S1-230113.*  *Revision of S1-230536.*  Revision of S1-230605. |
| Cont | [S1-230115](file:///E:\TSGS1_101_Athens\Docs\S1-230115.zip) | Qualcomm | Update to Use case on Sensing Assisted Automotive Maneuvering and Navigation | Revised to S1-230537 |  |
| Cont | [S1-230537](file:///E:\TSGS1_101_Athens\docs\S1-230537.zip) | Qualcomm | Update to Use case on Sensing Assisted Automotive Maneuvering and Navigation | Revised to S1-230606 | Revision of S1-230115. |
| Cont | [S1-230606](file:///E:\TSGS1_101_Athens\docs\S1-230606.zip) | Qualcomm | Update to Use case on Sensing Assisted Automotive Maneuvering and Navigation | Revised to S1-230648 | *Revision of S1-230115.*  Revision of S1-230537. |
| Cont | [S1-230648](file:///E:\TSGS1_101_Athens\docs\S1-230648.zip) | Qualcomm | Update to Use case on Sensing Assisted Automotive Maneuvering and Navigation | Agreed | *Revision of S1-230115.*  *Revision of S1-230537.*  Revision of S1-230606. |
| Cont | [S1-230117](file:///E:\TSGS1_101_Athens\Docs\S1-230117.zip) | NTT DOCOMO, NTT | Update use case on intruder detection in surroundings of smart home | Revised to S1-230538 |  |
| Cont | [S1-230538](file:///E:\TSGS1_101_Athens\docs\S1-230538.zip) | NTT DOCOMO, NTT | Update use case on intruder detection in surroundings of smart home | Agreed | Revision of S1-230117. |
| Cont | [S1-230121](file:///E:\TSGS1_101_Athens\Docs\S1-230121.zip) | Qualcomm | Update to Clause 5.10 | Agreed |  |
| Cont | [S1-230177](file:///E:\TSGS1_101_Athens\Docs\S1-230177.zip) | Huawei | Update of KPI table for railway intrusion detection | Agreed |  |
| Cont | [S1-230178](file:///E:\TSGS1_101_Athens\Docs\S1-230178.zip) | Huawei | Update of Clause 5.13 | Revised to S1-230560 |  |
| Cont | [S1-230560](file:///E:\TSGS1_101_Athens\docs\S1-230560.zip) | Huawei | Update of Clause 5.13 | Revised to S1-230547 | Revision of S1-230178. |
| Cont | [S1-230547](file:///E:\TSGS1_101_Athens\docs\S1-230547.zip) | Huawei | Update of Clause 5.13 | Agreed | *Revision of S1-230178.*  Revision of S1-230560. |
| Cont | [S1-230207](file:///E:\TSGS1_101_Athens\Docs\S1-230207.zip) | China Mobile | pCR on update KPI of use case on sensing for tourist spot traffic management | Revised to S1-230540 |  |
| Cont | [S1-230540](file:///E:\TSGS1_101_Athens\docs\S1-230540.zip) | China Mobile | pCR on update KPI of use case on sensing for tourist spot traffic management | Revised to S1-230649 | Revision of S1-230207. |
| Cont | [S1-230649](file:///E:\TSGS1_101_Athens\docs\S1-230649.zip) | China Mobile | pCR on update KPI of use case on sensing for tourist spot traffic management | Agreed | *Revision of S1-230207.*  Revision of S1-230540. |
| Cont | [S1-230208](file:///E:\TSGS1_101_Athens\Docs\S1-230208.zip) | China Mobile | pCR on update KPI of use case sensing for UAV intrusion detection | Revised to S1-230561 |  |
| Cont | [S1-230561](file:///E:\TSGS1_101_Athens\docs\S1-230561.zip) | China Mobile | pCR on update KPI of use case sensing for UAV intrusion detection | Merged into [S1-230547](file:///E:\TSGS1_101_Athens\docs\S1-230547.zip) | Revision of S1-230208. |
| Cont | [S1-230225](file:///E:\TSGS1_101_Athens\Docs\S1-230225.zip) | vivo | Updates on use case 5.18 to resolve EN and enable detection of sensing target object | Merged into S1-230541 |  |
| Cont | [S1-230316](file:///E:\TSGS1_101_Athens\docs\S1-230316.zip) | Philips | Addressing Editor's Note in Use Case 5.18 | Revised to S1-230541 |  |
| Cont | [S1-230541](file:///E:\TSGS1_101_Athens\docs\S1-230541.zip) | Philips | Addressing Editor's Note in Use Case 5.18 | Agreed | Revision of S1-230316. |
| Cont | [S1-230226](file:///E:\TSGS1_101_Athens\Docs\S1-230226.zip) | vivo | Updates on use case 5.22 to include sensing assistance information | Revised to S1-230542 |  |
| Cont | [S1-230542](file:///E:\TSGS1_101_Athens\docs\S1-230542.zip) | vivo | Updates on use case 5.22 to include sensing assistance information | Revised to S1-230626 | Revision of S1-230226. |
| Cont | [S1-230626](file:///E:\TSGS1_101_Athens\docs\S1-230626.zip) | vivo | Updates on use case 5.22 to include sensing assistance information | Agreed | *Revision of S1-230226.*  Revision of S1-230542. |
| Cont | [S1-230251](file:///E:\TSGS1_101_Athens\Docs\S1-230251.zip) | KPN | Pseudo-CR on update of use case 5.10 in TR 22.837 | Noted |  |
| Cont | [S1-230254](file:///E:\TSGS1_101_Athens\Docs\S1-230254.zip) | KPN | Pseudo-CR on update of use case 5.8 in TR 22.837 | Revised to S1-230543 |  |
| Cont | [S1-230543](file:///E:\TSGS1_101_Athens\docs\S1-230543.zip) | KPN | Pseudo-CR on update of use case 5.8 in TR 22.837 | Revised to S1-230650 | Revision of S1-230254. |
| Cont | [S1-230650](file:///E:\TSGS1_101_Athens\docs\S1-230650.zip) | KPN | Pseudo-CR on update of use case 5.8 in TR 22.837 | Revised to S1-230698 | *Revision of S1-230254.*  Revision of S1-230543. |
| Cont | [S1-230698](file:///E:\TSGS1_101_Athens\docs\S1-230698.zip) | KPN | Pseudo-CR on update of use case 5.8 in TR 22.837 | Agreed | *Revision of S1-230254.*  *Revision of S1-230543.*  Revision of S1-230650. |
| Cont | [S1-230296](file:///E:\TSGS1_101_Athens\docs\S1-230296.zip) | Apple | Clarification on UE sensing configuration | Noted |  |
| Cont | [S1-230255](file:///E:\TSGS1_101_Athens\Docs\S1-230255.zip) | Deutsche Telekom, Samsung | pCR on updating Sensor Groups use case and proposing new definitions | Revised to S1-230544 |  |
| Cont | [S1-230544](file:///E:\TSGS1_101_Athens\docs\S1-230544.zip) | Deutsche Telekom, Samsung | pCR on updating Sensor Groups use case and proposing new definitions | Revised to S1-230651 | Revision of S1-230255. |
| Cont | [S1-230651](file:///E:\TSGS1_101_Athens\docs\S1-230651.zip) | Deutsche Telekom, Samsung | pCR on updating Sensor Groups use case and proposing new definitions | Revised to S1-230754 | *Revision of S1-230255.*  Revision of S1-230544. |
| Cont | [S1-230754](file:///E:\TSGS1_101_Athens\docs\S1-230754.zip) | Deutsche Telekom, Samsung | pCR on updating Sensor Groups use case and proposing new definitions | Agreed | *Revision of S1-230255.*  *Revision of S1-230544.*  Revision of S1-230651.  sensing service in the Note |
| Cont | [S1-230256](file:///E:\TSGS1_101_Athens\Docs\S1-230256.zip) | KPN | Pseudo-CR on update of use case 5.20 in TR 22.837 | Noted |  |
| Cont | [S1-230279](file:///E:\TSGS1_101_Athens\Docs\S1-230279.zip) | Samsung | Pseudo-CR on Update to Use Case 5.4 | Revised to S1-230545 |  |
| Cont | [S1-230545](file:///E:\TSGS1_101_Athens\docs\S1-230545.zip) | Samsung | Pseudo-CR on Update to Use Case 5.4 | Revised to S1-230652 | Revision of S1-230279.  We need terminology alignment. |
| Cont | [S1-230652](file:///E:\TSGS1_101_Athens\docs\S1-230652.zip) | Samsung | Pseudo-CR on Update to Use Case 5.4 | Revised to S1-230694 | *Revision of S1-230279.*  *We need terminology alignment.*  Revision of S1-230545. |
| Cont | [S1-230694](file:///E:\TSGS1_101_Athens\docs\S1-230694.zip) | Samsung | Pseudo-CR on Update to Use Case 5.4 | Revised to S1-230755 | *Revision of S1-230279.*  *We need terminology alignment.*  *Revision of S1-230545.*  Revision of S1-230652. |
| Cont | [S1-230755](file:///E:\TSGS1_101_Athens\docs\S1-230755.zip) | Samsung | Pseudo-CR on Update to Use Case 5.4 | Agreed | *Revision of S1-230279.*  *We need terminology alignment.*  *Revision of S1-230545.*  *Revision of S1-230652.*  Revision of S1-230694.  Adapt to sensing data and and adapt to regulatory requirements  No presentation |
| Cont | [S1-230308](file:///E:\TSGS1_101_Athens\docs\S1-230308.zip) | Deutsche Telekom, Nokia, Nokia Shanghai Bell | Updates in use cases 5.1 – 5.12 to align usage of sensing transmitter and sensing receiver | Revised to S1-230603 |  |
| Cont | [S1-230603](file:///E:\TSGS1_101_Athens\docs\S1-230603.zip) | Deutsche Telekom, Nokia, Nokia Shanghai Bell | Updates in use cases 5.1 – 5.12 to align usage of sensing transmitter and sensing receiver | Noted | Revision of S1-230308. |
| Cont | [S1-230078](file:///E:\TSGS1_101_Athens\Docs\S1-230078.zip) | Nokia, Nokia Shanghai Bell, Deutsche Telekom | Updates in use cases 5.13 - 5.26 to align usage of sensing transmitter and sensing receiver | Revised to S1-230604 |  |
| Cont | [S1-230604](file:///E:\TSGS1_101_Athens\docs\S1-230604.zip) | Nokia, Nokia Shanghai Bell, Deutsche Telekom | Updates in use cases 5.13 - 5.26 to align usage of sensing transmitter and sensing receiver | Noted | Revision of S1-230078. |
| Consolidation | | | | | |
| Cont | [S1-230099](file:///E:\TSGS1_101_Athens\Docs\S1-230099.zip) | ZTE, China Telecom | Discussion paper on consolidation of service requirement of Sensing | Noted |  |
| Cont | [S1-230223](file:///E:\TSGS1_101_Athens\Docs\S1-230223.zip) | Huawei | Consolidated potential requirement for intruder detection in FS\_Sensing | Noted |  |
| Cont | [S1-230100](file:///E:\TSGS1_101_Athens\Docs\S1-230100.zip) | ZTE, China Telecom | pCR on Consolidation of potential service requirement of Sensing | Noted |  |
| Cont | [S1-230147](file:///E:\TSGS1_101_Athens\Docs\S1-230147.zip) | CMDI | Discussion about Consolidation on Potential Requirement of Sensing | Noted |  |
| Cont | [S1-230286](file:///E:\TSGS1_101_Athens\Docs\S1-230286.zip) | vivo | Consolidation considerations and proposals | Noted |  |
| Cont | [S1-230287](file:///E:\TSGS1_101_Athens\Docs\S1-230287.zip) | vivo | Consolidation skeleton proposal | Noted |  |
| Cont | [S1-230290](file:///E:\TSGS1_101_Athens\Docs\S1-230290.zip) | Deutsche Telekom | Discussion on consolidated requirements of FS\_Sensing | Noted |  |
| Cont | [S1-230291](file:///E:\TSGS1_101_Athens\Docs\S1-230291.zip) | Deutsche Telekom | pCR on consolidated requirements section of FS\_Sensing | Noted |  |
| Others | | | | | |
| Cont | [S1-230311](file:///E:\TSGS1_101_Athens\docs\S1-230311.zip) | Xiaomi | [draft] LS on clarification for commercial use case supported in 5GS ProSe Service | Noted |  |
| Cont | [S1-230230](file:///E:\TSGS1_101_Athens\Docs\S1-230230.zip) | OTD\_US | Pseudo-CR to update considerations for Mission Critical and other priority services | Merged into S1-230321 |  |
| Cont | [S1-230235](file:///E:\TSGS1_101_Athens\Docs\S1-230235.zip) | OTD\_US | Pseudo-CR to update considerations on Privacy for regulatory services | Merged into S1-230321 |  |
| Cont | [S1-230022](file:///E:\TSGS1_101_Athens\Docs\S1-230022.zip) | Deutsche Telekom | Updates in Considerations section | Revised to S1-230321 |  |
| Cont | [S1-230321](file:///E:\TSGS1_101_Athens\docs\S1-230321.zip) | Deutsche Telekom | Updates in Considerations section | Revised to S1-230546 | Revision of S1-230022. |
| Cont | [S1-230546](file:///E:\TSGS1_101_Athens\docs\S1-230546.zip) | Deutsche Telekom | Updates in Considerations section | Revised to S1-230653 | *Revision of S1-230022.*  Revision of S1-230321. |
| Cont | [S1-230653](file:///E:\TSGS1_101_Athens\docs\S1-230653.zip) | Deutsche Telekom | Updates in Considerations section | Agreed | *Revision of S1-230022.*  *Revision of S1-230321.*  Revision of S1-230546. |
| Cont | [S1-230228](file:///E:\TSGS1_101_Athens\Docs\S1-230228.zip) | Xiaomi | Update to Sensing Security Considerations | Merged into S1-230546 |  |
| Cont | [S1-230312](file:///E:\TSGS1_101_Athens\Docs\S1-230312.zip) | Motorola | Use Case of sensing assistance for visually impaired | Withdrawn |  |
| Cont | [S1-230313](file:///E:\TSGS1_101_Athens\Docs\S1-230313.zip) | Motorola | Use Case of sensing assistance for enhanced positioning | Withdrawn |  |
| FS\_ Sensing Output | | | | | |
| TR | [S1-230718](file:///E:\TSGS1_101_Athens\docs\S1-230718.zip) | Rapporteur (Deutsche Telekom) | Cover sheet of the TR22.837 for information | Revised to S1-230799 |  |
| TR | [S1-230799](docs\S1-230799.zip) | Rapporteur (Deutsche Telekom) | Cover sheet of the TR22.837 for information | Agreed | Revision of S1-230718. |
| TR | [S1-230719](file:///E:\TSGS1_101_Athens\docs\S1-230719.zip) | Rapporteur (Deutsche Telekom) | TR 22.837v0.4.0 Study on Integrated Sensing and Communication | Agreed | First draft by Monday 27th  23:00 UTC  Comments till Thursday 2nd 23:00 UTC  Final version by Friday 3rd 23:00 UTC |
| 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 22.840v1.0.0](https://ftp.3gpp.org/Specs/archive/22_series/22.840/22840-100.zip)  Target completion date: SA#98 (12/2022)  Percentage completion: 65% | | | | | |
| General | | | | | |
| Cont | [S1-230167](file:///E:\TSGS1_101_Athens\docs\S1-230167.zip) | OPPO | pCR on overview for TR22840 | Revised to S1-230515 |  |
| Cont | [S1-230515](file:///E:\TSGS1_101_Athens\docs\S1-230515.zip) | OPPO | pCR on overview for TR22840 | Revised to S1-230654 | Revision of S1-230167. |
| Cont | [S1-230654](file:///E:\TSGS1_101_Athens\docs\S1-230654.zip) | OPPO | pCR on overview for TR22840 | Agreed | *Revision of S1-230167.*  Revision of S1-230515. |
| Cont | [S1-230205](file:///E:\TSGS1_101_Athens\docs\S1-230205.zip) | Xiaomi | Use Case grouping and priority | Noted |  |
| Cont | [S1-230164](file:///E:\TSGS1_101_Athens\docs\S1-230164.zip) | vivo | Use case categories | Revised to S1-230516 |  |
| Cont | [S1-230516](file:///E:\TSGS1_101_Athens\docs\S1-230516.zip) | vivo | Use case categories | Noted | Revision of S1-230164. |
| Cont | [S1-230161](file:///E:\TSGS1_101_Athens\docs\S1-230161.zip) | OPPO | On the use of comparison operators in the KPI tables | Noted |  |
| Cont | [S1-230201](file:///E:\TSGS1_101_Athens\docs\S1-230201.zip) | vivo | new KPI parameter proposal | Revised to S1-230518 |  |
| Cont | [S1-230518](file:///E:\TSGS1_101_Athens\docs\S1-230518.zip) | vivo | new KPI parameter proposal | Noted | Revision of S1-230201. |
| New Use Cases | | | | | |
| Cont | [S1-230059](file:///E:\TSGS1_101_Athens\docs\S1-230059.zip) | Sharp | Pseudo-CR on Ambient IoT device permanent deactivation | Revised to S1-230501 |  |
| Cont | [S1-230501](file:///E:\TSGS1_101_Athens\docs\S1-230501.zip) | Sharp | Pseudo-CR on Ambient IoT device permanent deactivation | Revised to S1-230519 | Revision of S1-230059. |
| Cont | [S1-230519](file:///E:\TSGS1_101_Athens\docs\S1-230519.zip) | Sharp | Pseudo-CR on Ambient IoT device permanent deactivation | Revised to S1-230624 | *Revision of S1-230059.*  Revision of S1-230501. |
| Cont | [S1-230624](file:///E:\TSGS1_101_Athens\docs\S1-230624.zip) | Sharp | Pseudo-CR on Ambient IoT device permanent deactivation | Revised to S1-230655 | *Revision of S1-230059.*  *Revision of S1-230501.*  Revision of S1-230519. |
| Cont | [S1-230655](file:///E:\TSGS1_101_Athens\docs\S1-230655.zip) | Sharp | Pseudo-CR on Ambient IoT device permanent deactivation | Agreed | *Revision of S1-230059.*  *Revision of S1-230501.*  *Revision of S1-230519.*  Revision of S1-230624. |
| Cont | [S1-230097](file:///E:\TSGS1_101_Athens\docs\S1-230097.zip) | ZTE | Use case on Ambient IoT device acting as a controller in smart agriculture | Revised to S1-230500 |  |
| Cont | [S1-230500](file:///E:\TSGS1_101_Athens\docs\S1-230500.zip) | ZTE | Use case on Ambient IoT device acting as a controller in smart agriculture | Revised to S1-230520 | Revision of S1-230097. |
| Cont | [S1-230520](file:///E:\TSGS1_101_Athens\docs\S1-230520.zip) | ZTE | Use case on Ambient IoT device acting as a controller in smart agriculture | Revised to S1-230657 | *Revision of S1-230097.*  Revision of S1-230500. |
| Cont | [S1-230657](file:///E:\TSGS1_101_Athens\docs\S1-230657.zip) | ZTE | Use case on Ambient IoT device acting as a controller in smart agriculture | Revised to S1-230757 | *Revision of S1-230097.*  *Revision of S1-230500.*  Revision of S1-230520. |
| Cont | [S1-230757](file:///E:\TSGS1_101_Athens\docs\S1-230757.zip) | ZTE | Use case on Ambient IoT device acting as a controller in smart agriculture | Agreed | *Revision of S1-230097.*  *Revision of S1-230500.*  *Revision of S1-230520.*  Revision of S1-230657.  [P.R.5.x.6-001] The 5G system shall provide means for an trusted third-party to trigger an ambient IoT device or group of ambient IoT devices to communicate periodically.  + tdoc number + relaibilability to NA |
| Cont | [S1-230119](file:///E:\TSGS1_101_Athens\docs\S1-230119.zip) | Intel | Use case on 5GS-ambientIoT relay communication for animal health monitoring | Revised to S1-230529 |  |
| Cont | [S1-230529](file:///E:\TSGS1_101_Athens\docs\S1-230529.zip) | Intel | Use case on 5GS-ambientIoT relay communication for animal health monitoring | Noted | Revision of S1-230119. |
| Cont | [S1-230168](file:///E:\TSGS1_101_Athens\docs\S1-230168.zip) | OPPO | Traffic scenario on Electronic Shelf Label | Revised to S1-230521 |  |
| Cont | [S1-230521](file:///E:\TSGS1_101_Athens\docs\S1-230521.zip) | OPPO | Traffic scenario on Electronic Shelf Label | Revised to S1-230658 | Revision of S1-230168. |
| Cont | [S1-230658](file:///E:\TSGS1_101_Athens\docs\S1-230658.zip) | OPPO | Traffic scenario on Electronic Shelf Label | Revised to S1-230756 | *Revision of S1-230168.*  Revision of S1-230521. |
| Cont | [S1-230756](file:///E:\TSGS1_101_Athens\docs\S1-230756.zip) | OPPO | Traffic scenario on Electronic Shelf Label | Revised to S1-230758 | *Revision of S1-230168.*  *Revision of S1-230521.*  Revision of S1-230658. |
| Cont | [S1-230758](file:///E:\TSGS1_101_Athens\docs\S1-230758.zip) | OPPO | Traffic scenario on Electronic Shelf Label | Agreed | *Revision of S1-230168.*  *Revision of S1-230521.*  *Revision of S1-230658.*  Revision of S1-230756.  Tdoc numbering, square feet to square meters and transfer internval to FFS |
| Cont | [S1-230240](file:///E:\TSGS1_101_Athens\docs\S1-230240.zip) | Xiaomi | Use Case on Ambient IoT for Self-service Library | Noted |  |
| Cont | [S1-230241](file:///E:\TSGS1_101_Athens\docs\S1-230241.zip) | Xiaomi | Use case on Ambient IoT for underground mining | Revised to S1-230565 |  |
| Cont | [S1-230565](file:///E:\TSGS1_101_Athens\docs\S1-230565.zip) | Xiaomi | Use case on Ambient IoT for underground mining | Revised to S1-230522 | Revision of S1-230241. |
| Cont | [S1-230522](file:///E:\TSGS1_101_Athens\docs\S1-230522.zip) | Xiaomi | Use case on Ambient IoT for underground mining | Revised to S1-230659 | *Revision of S1-230241.*  Revision of S1-230565. |
| Cont | [S1-230659](file:///E:\TSGS1_101_Athens\docs\S1-230659.zip) | Xiaomi | Use case on Ambient IoT for underground mining | Noted | *Revision of S1-230241.*  *Revision of S1-230565.*  Revision of S1-230522. |
| Cont | [S1-230242](file:///E:\TSGS1_101_Athens\docs\S1-230242.zip) | Xiaomi | Use Case on Ambient IoT in wild animal park | Revised to S1-230566 |  |
| Cont | [S1-230566](file:///E:\TSGS1_101_Athens\docs\S1-230566.zip) | Xiaomi | Use Case on Ambient IoT in wild animal park | Revised to S1-230523 | Revision of S1-230242. |
| Cont | [S1-230523](file:///E:\TSGS1_101_Athens\docs\S1-230523.zip) | Xiaomi | Use Case on Ambient IoT in wild animal park | Noted | *Revision of S1-230242.*  Revision of S1-230566. |
| Former Use cases Updates | | | | | |
| Cont | [S1-230011](file:///E:\TSGS1_101_Athens\docs\S1-230011.zip) | InterDigital | Update to the Use Case for supporting Ambient power-enabled IoT in non-public network for logistics | Revised to S1-230608 |  |
| Cont | [S1-230608](file:///E:\TSGS1_101_Athens\docs\S1-230608.zip) | InterDigital | Update to the Use Case for supporting Ambient power-enabled IoT in non-public network for logistics | Revised to S1-230660 | Revision of S1-230011. |
| Cont | [S1-230660](file:///E:\TSGS1_101_Athens\docs\S1-230660.zip) | InterDigital | Update to the Use Case for supporting Ambient power-enabled IoT in non-public network for logistics | Noted | *Revision of S1-230011.*  Revision of S1-230608. |
| Cont | [S1-230095](file:///E:\TSGS1_101_Athens\docs\S1-230095.zip) | ZTE, Huawei | pCR to update 5.2 | Revised to S1-230524 |  |
| Cont | [S1-230524](file:///E:\TSGS1_101_Athens\docs\S1-230524.zip) | ZTE, Huawei | pCR to update 5.2 | Revised to S1-230662 | Revision of S1-230095. |
| Cont | S1-230662 | ZTE, Huawei | pCR to update 5.2 | Agreed | *Revision of S1-230095.*  Revision of S1-230524.  Remove req and editors note. Taking care of the numbering. |
| Cont | [S1-230096](file:///E:\TSGS1_101_Athens\docs\S1-230096.zip) | ZTE, Huawei | pCR to update 5.11 | Revised to S1-230525 |  |
| Cont | [S1-230525](file:///E:\TSGS1_101_Athens\docs\S1-230525.zip) | ZTE, Huawei | pCR to update 5.11 | Revised to S1-230663 | Revision of S1-230096. |
| Cont | [S1-230663](file:///E:\TSGS1_101_Athens\docs\S1-230663.zip) | ZTE, Huawei | pCR to update 5.11 | Agreed | *Revision of S1-230096.*  Revision of S1-230525.  Remove req and editors note. Taking care of the numbering. |
| Cont | [S1-230122](file:///E:\TSGS1_101_Athens\docs\S1-230122.zip) | Qualcomm | Update to Clause 5.7 | Revised to S1-230526 |  |
| Cont | [S1-230526](file:///E:\TSGS1_101_Athens\docs\S1-230526.zip) | Qualcomm | Update to Clause 5.7 | Agreed | Revision of S1-230122. |
| Cont | [S1-230123](file:///E:\TSGS1_101_Athens\docs\S1-230123.zip) | Qualcomm | Update to Clause 5.8 | Agreed |  |
| Cont | [S1-230174](file:///E:\TSGS1_101_Athens\docs\S1-230174.zip) | vivo | Update of Use case 5.12 | Revised to S1-230527 |  |
| Cont | [S1-230527](file:///E:\TSGS1_101_Athens\docs\S1-230527.zip) | vivo | Update of Use case 5.12 | Revised to S1-230664 | Revision of S1-230174. |
| Cont | [S1-230664](file:///E:\TSGS1_101_Athens\docs\S1-230664.zip) | vivo | Update of Use case 5.12 | Revised to S1-230759 | *Revision of S1-230174.*  Revision of S1-230527. |
| Cont | [S1-230759](file:///E:\TSGS1_101_Athens\docs\S1-230759.zip) | vivo | Update of Use case 5.12 | Agreed | *Revision of S1-230174.*  *Revision of S1-230527.*  Revision of S1-230664. |
| Cont | [S1-230176](file:///E:\TSGS1_101_Athens\docs\S1-230176.zip) | vivo | Update of Use case 5.20 | Revised to S1-230609 |  |
| Cont | [S1-230609](file:///E:\TSGS1_101_Athens\docs\S1-230609.zip) | vivo | Update of Use case 5.20 | Agreed | Revision of S1-230176. |
| Cont | [S1-230183](file:///E:\TSGS1_101_Athens\docs\S1-230183.zip) | Huawei | Pseudo-CR on updates to clause 5.3 | Revised to S1-230610 |  |
| Cont | [S1-230610](file:///E:\TSGS1_101_Athens\docs\S1-230610.zip) | Huawei | Pseudo-CR on updates to clause 5.3 | Agreed | Revision of S1-230183. |
| Cont | [S1-230209](file:///E:\TSGS1_101_Athens\docs\S1-230209.zip) | China Mobile | pCR on update service requirements and KPI table for clause 5.1 | Revised to S1-230564 |  |
| Cont | [S1-230564](file:///E:\TSGS1_101_Athens\docs\S1-230564.zip) | China Mobile | pCR on update service requirements and KPI table for clause 5.1 | Revised to S1-230611 | Revision of S1-230209. |
| Cont | [S1-230611](file:///E:\TSGS1_101_Athens\docs\S1-230611.zip) | China Mobile | pCR on update service requirements and KPI table for clause 5.1 | Revised to S1-230699 | *Revision of S1-230209.*  Revision of S1-230564. |
| Cont | [S1-230699](file:///E:\TSGS1_101_Athens\docs\S1-230699.zip) | China Mobile | pCR on update service requirements and KPI table for clause 5.1 | Revised to S1-230760 | *Revision of S1-230209.*  *Revision of S1-230564.*  Revision of S1-230611. |
| Cont | [S1-230760](file:///E:\TSGS1_101_Athens\docs\S1-230760.zip) | China Mobile | pCR on update service requirements and KPI table for clause 5.1 | Agreed | *Revision of S1-230209.*  *Revision of S1-230564.*  *Revision of S1-230611.*  Revision of S1-230699.  Req 4 we keep the orginal + KPI **Device is FFS** |
| Cont | [S1-230210](file:///E:\TSGS1_101_Athens\docs\S1-230210.zip) | China Mobile | pCR on update service requirements and KPI table for clause 5.13 | Revised to S1-230563 |  |
| Cont | [S1-230563](file:///E:\TSGS1_101_Athens\docs\S1-230563.zip) | China Mobile | pCR on update service requirements and KPI table for clause 5.13 | Revised to S1-230612 | Revision of S1-230210. |
| Cont | [S1-230612](file:///E:\TSGS1_101_Athens\docs\S1-230612.zip) | China Mobile | pCR on update service requirements and KPI table for clause 5.13 | Revised to S1-230747 | *Revision of S1-230210.*  Revision of S1-230563. |
| Cont | [S1-230747](file:///E:\TSGS1_101_Athens\docs\S1-230747.zip) | China Mobile | pCR on update service requirements and KPI table for clause 5.13 | Revised to S1-230761 | *Revision of S1-230210.*  *Revision of S1-230563.*  Revision of S1-230612. |
| Cont | [S1-230761](file:///E:\TSGS1_101_Athens\docs\S1-230761.zip) | China Mobile | pCR on update service requirements and KPI table for clause 5.13 | Agreed | *Revision of S1-230210.*  *Revision of S1-230563.*  *Revision of S1-230612.*  Revision of S1-230747.  Req3 we keep the orginal |
| Cont | [S1-230231](file:///E:\TSGS1_101_Athens\docs\S1-230231.zip) | Huawei | Pseudo-CR to update KPI in clause 5.5 | Agreed |  |
| Cont | [S1-230232](file:///E:\TSGS1_101_Athens\docs\S1-230232.zip) | Huawei | Pseudo-CR add KPI to use case automated supply distribution Clause 5.16 | Revised to S1-230613 |  |
| Cont | [S1-230613](file:///E:\TSGS1_101_Athens\docs\S1-230613.zip) | Huawei | Pseudo-CR add KPI to use case automated supply distribution Clause 5.16 | Agreed | Revision of S1-230232. |
| Cont | [S1-230234](file:///E:\TSGS1_101_Athens\docs\S1-230234.zip) | Huawei | Pseudo-CR add Communication Service Availability KPI and Communication Range KPI to use case smart grazing dairy farming Clause 5.22 | Revised to S1-230614 |  |
| Cont | [S1-230614](file:///E:\TSGS1_101_Athens\docs\S1-230614.zip) | Huawei | Pseudo-CR add Communication Service Availability KPI and Communication Range KPI to use case smart grazing dairy farming Clause 5.22 | Agreed | Revision of S1-230234. |
| Cont | [S1-230237](file:///E:\TSGS1_101_Athens\docs\S1-230237.zip) | Huawei | Pseudo-CR add KPIs to use case smart manhole cover safety monitoring Clause 5.24 | Revised to S1-230615 |  |
| Cont | [S1-230615](file:///E:\TSGS1_101_Athens\docs\S1-230615.zip) | Huawei | Pseudo-CR add KPIs to use case smart manhole cover safety monitoring Clause 5.24 | Agreed | Revision of S1-230237. |
| Cont | [S1-230238](file:///E:\TSGS1_101_Athens\docs\S1-230238.zip) | Xiaomi | Update to Use Case on Ambient IoT for Museum Guide | Agreed |  |
| Cont | [S1-230239](file:///E:\TSGS1_101_Athens\docs\S1-230239.zip) | Huawei | Pseudo-CR add KPIs to use case smart bridge health monitoring Clause 5.25 | Revised to S1-230616 |  |
| Cont | [S1-230616](file:///E:\TSGS1_101_Athens\docs\S1-230616.zip) | Huawei | Pseudo-CR add KPIs to use case smart bridge health monitoring Clause 5.25 | Agreed | Revision of S1-230239. |
| Cont | [S1-230293](file:///E:\TSGS1_101_Athens\docs\S1-230293.zip) | VODAFONE | Pseudo-CR on update to clause 5.26 | Revised to S1-230621 |  |
| Cont | [S1-230621](file:///E:\TSGS1_101_Athens\docs\S1-230621.zip) | VODAFONE | Pseudo-CR on update to clause 5.26 | Agreed | Revision of S1-230293. |
| Cont | [S1-230298](file:///E:\TSGS1_101_Athens\docs\S1-230298.zip) | Intel | Update to section-5.19 – Resolving EN Note | Revised to S1-230528 |  |
| Cont | [S1-230528](file:///E:\TSGS1_101_Athens\docs\S1-230528.zip) | Intel | Update to section-5.19 – Resolving EN Note | Revised to S1-230617 | Revision of S1-230298. |
| Cont | [S1-230617](file:///E:\TSGS1_101_Athens\docs\S1-230617.zip) | Intel | Update to section-5.19 – Resolving EN Note | Revised to S1-230665 | *Revision of S1-230298.*  Revision of S1-230528. |
| Cont | [S1-230665](file:///E:\TSGS1_101_Athens\docs\S1-230665.zip) | Intel | Update to section-5.19 – Resolving EN Note | Agreed | *Revision of S1-230298.*  *Revision of S1-230528.*  Revision of S1-230617. |
| Cont | [S1-230305](file:///E:\TSGS1_101_Athens\docs\S1-230305.zip) | KPN | Pseudo-CR on store and forward messaging for Ambient IoT | Revised to S1-230618 |  |
| Cont | [S1-230618](file:///E:\TSGS1_101_Athens\docs\S1-230618.zip) | KPN | Pseudo-CR on store and forward messaging for Ambient IoT | Revised to S1-230666 | Revision of S1-230305. |
| Cont | [S1-230666](file:///E:\TSGS1_101_Athens\docs\S1-230666.zip) | KPN | Pseudo-CR on store and forward messaging for Ambient IoT | Revised to S1-230763 | *Revision of S1-230305.*  Revision of S1-230618. |
| Cont | [S1-230763](file:///E:\TSGS1_101_Athens\docs\S1-230763.zip) | KPN | Pseudo-CR on store and forward messaging for Ambient IoT | Agreed | *Revision of S1-230305.*  *Revision of S1-230618.*  Revision of S1-230666.  Req#5 is FFS |
| Cont | [S1-230023](file:///E:\TSGS1_101_Athens\docs\S1-230023.zip) | InterDigital | Clarifications of the use case on End-to-End Logistics | Merged into S1-230619 |  |
| Cont | [S1-230307](file:///E:\TSGS1_101_Athens\docs\S1-230307.zip) | KPN | Pseudo-CR on definition of Ambient IoT device triggering | Revised to S1-230517 |  |
| Cont | [S1-230517](file:///E:\TSGS1_101_Athens\docs\S1-230517.zip) | KPN | Pseudo-CR on definition of Ambient IoT device triggering | Revised to S1-230619 | Revision of S1-230307. |
| Cont | [S1-230619](file:///E:\TSGS1_101_Athens\docs\S1-230619.zip) | KPN | Pseudo-CR on definition of Ambient IoT device triggering | Agreed | *Revision of S1-230307.*  Revision of S1-230517. |
| Cont | [S1-230309](file:///E:\TSGS1_101_Athens\docs\S1-230309.zip) | KPN | Pseudo-CR to clarify terminology in clause 5.28 | Revised to S1-230620 |  |
| Cont | [S1-230620](file:///E:\TSGS1_101_Athens\docs\S1-230620.zip) | KPN | Pseudo-CR to clarify terminology in clause 5.28 | Revised to S1-230667 | Revision of S1-230309. |
| Cont | [S1-230667](file:///E:\TSGS1_101_Athens\docs\S1-230667.zip) | KPN | Pseudo-CR to clarify terminology in clause 5.28 | Revised to S1-230764 | *Revision of S1-230309.*  Revision of S1-230620. |
| Cont | [S1-230764](file:///E:\TSGS1_101_Athens\docs\S1-230764.zip) | KPN | Pseudo-CR to clarify terminology in clause 5.28 | Revised to S1-230800 | *Revision of S1-230309.*  *Revision of S1-230620.*  Revision of S1-230667. |
| Cont | [S1-230800](docs\S1-230800.zip) | KPN | Pseudo-CR to clarify terminology in clause 5.28 | Agreed | *Revision of S1-230309.*  *Revision of S1-230620.*  *Revision of S1-230667.*  Revision of S1-230764.  Editors note : second req FFS  No presentation |
| Cont | [S1-230026](file:///E:\TSGS1_101_Athens\docs\S1-230026.zip) | InterDigital | Update to the use case on Pressure Powered Switch | Merge into S1-230620 |  |
| Consolidation | | | | | |
| Cont | [S1-230163](file:///E:\TSGS1_101_Athens\docs\S1-230163.zip) | OPPO, vivo | Consolidation on Functional Requirement of Ambient IoT | Revised to S1-230622 |  |
| Cont | [S1-230622](file:///E:\TSGS1_101_Athens\docs\S1-230622.zip) | OPPO, vivo | Consolidation on Functional Requirement of Ambient IoT | Revised to S1-230762 | Revision of S1-230163. |
| Cont | [S1-230762](file:///E:\TSGS1_101_Athens\docs\S1-230762.zip) | OPPO, vivo | Consolidation on Functional Requirement of Ambient IoT | Revised to S1-230765 | *Revision of S1-230163.*  Revision of S1-230622. |
| Cont | [S1-230765](file:///E:\TSGS1_101_Athens\docs\S1-230765.zip) | OPPO, vivo | Consolidation on Functional Requirement of Ambient IoT | Agreed | *Revision of S1-230163.*  *Revision of S1-230622.*  Revision of S1-230762.  Remove all CPRs and just keep the sections which were agreed. 762 will be the baseline for future discussions, |
| Cont | [S1-230165](file:///E:\TSGS1_101_Athens\docs\S1-230165.zip) | OPPO | Consolidation on KPI for Ambient IoT | Revised to S1-230623 |  |
| Cont | [S1-230623](file:///E:\TSGS1_101_Athens\docs\S1-230623.zip) | OPPO | Consolidation on KPI for Ambient IoT | Noted | Revision of S1-230165.  This will be the baseline for future discussions |
| Cont | [S1-230212](file:///E:\TSGS1_101_Athens\docs\S1-230212.zip) | China Mobile | Consolidated KPI for Ambient IoT | Merge into S1-230623 |  |
| Others | | | | | |
| Cont | [S1-230211](file:///E:\TSGS1_101_Athens\docs\S1-230211.zip) | China Mobile | Annex for Communication Modes of Low Power Consumption | Noted |  |
| FS\_ Ambient IoT Output | | | | | |
| TR | [S1-230720](docs\S1-230720.zip) | Rapporteur (OPPO) | Cover sheet of the TR22.840 for approval | Withdrawn |  |
| TR | S1-230721 | Rapporteur (OPPO) | TR 22.840v1.1.0 Study on Ambient power-enabled Internet of Things | Agreed | First draft by Monday 27th  23:00 UTC  Comments till Thursday 2nd 23:00 UTC  Final version by Friday 3rd 23:00 UTC  No presentation |
| 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 22.856v0.3.0](https://www.3gpp.org/ftp/Specs/archive/22_series/22.856/22856-030.zip)  Target completion date: SA#99 (03/2023)  Percentage completion: 55% | | | | | |
| General | | | | | |
| Cont | [S1-230182](file:///E:\TSGS1_101_Athens\docs\S1-230182.zip) | Huawei, Samsung, Lenovo | Pseudo-CR on quality improvement in clauses 1 and 2 | Agreed |  |
| Cont | [S1-230273](file:///E:\TSGS1_101_Athens\docs\S1-230273.zip) | Samsung, Huawei | Pseudo-CR on Alignment of TR 22.856 Terminology | Revised to S1-230402 |  |
| Cont | [S1-230402](file:///E:\TSGS1_101_Athens\docs\S1-230402.zip) | Samsung, Huawei | Pseudo-CR on Alignment of TR 22.856 Terminology | Revised to S1-230486 | Revision of S1-230273. |
| Cont | [S1-230486](file:///E:\TSGS1_101_Athens\docs\S1-230486.zip) | Samsung, Huawei | Pseudo-CR on Alignment of TR 22.856 Terminology | Revised to S1-230774 | *Revision of S1-230273.*  Revision of S1-230402.  Including edtiors note about immersive. |
| Cont | [S1-230774](file:///E:\TSGS1_101_Athens\docs\S1-230774.zip) | Samsung, Huawei | Pseudo-CR on Alignment of TR 22.856 Terminology | Agreed | *Revision of S1-230273.*  *Revision of S1-230402.*  *Including edtiors note about immersive.*  Revision of S1-230486.  INclude editors note : The term avatar will be added. |
| Cont | [S1-230257](file:///E:\TSGS1_101_Athens\docs\S1-230257.zip) | Samsung | Pseudo-CR on Update of 4: Overview | Not Handled |  |
| New Use Cases | | | | | |
| Cont | [S1-230065](file:///E:\TSGS1_101_Athens\docs\S1-230065.zip) | Nokia, Nokia Shanghai Bell | Use-case proposal on Immersive Tele-Operation in Hazardous Environment | Revised to S1-230327 |  |
| Cont | [S1-230327](file:///E:\TSGS1_101_Athens\docs\S1-230327.zip) | Nokia, Nokia Shanghai Bell | Use-case proposal on Immersive Tele-Operation in Hazardous Environment | Revised to S1-230403 | Revision of S1-230065. |
| Cont | [S1-230403](file:///E:\TSGS1_101_Athens\docs\S1-230403.zip) | Nokia, Nokia Shanghai Bell | Use-case proposal on Immersive Tele-Operation in Hazardous Environment | Revised to S1-230734 | *Revision of S1-230065.*  Revision of S1-230327. |
| Cont | [S1-230734](file:///E:\TSGS1_101_Athens\docs\S1-230734.zip) | Nokia, Nokia Shanghai Bell | Use-case proposal on Immersive Tele-Operation in Hazardous Environment | Revised to S1-230743 | *Revision of S1-230065.*  *Revision of S1-230327.*  Revision of S1-230403. |
| Cont | [S1-230743](file:///E:\TSGS1_101_Athens\docs\S1-230743.zip) | Nokia, Nokia Shanghai Bell | Use-case proposal on Immersive Tele-Operation in Hazardous Environment | Agreed | *Revision of S1-230065.*  *Revision of S1-230327.*  *Revision of S1-230403.*  Revision of S1-230734. |
| Cont | [S1-230114](file:///E:\TSGS1_101_Athens\docs\S1-230114.zip) | Intel | Use case on Compute Offload for Metaverse MMO Gaming | Revised to S1-230338 |  |
| Cont | [S1-230338](file:///E:\TSGS1_101_Athens\docs\S1-230338.zip) | Intel | Use case on Compute Offload for Metaverse MMO Gaming | Revised to S1-230404 | Revision of S1-230114. |
| Cont | [S1-230404](file:///E:\TSGS1_101_Athens\docs\S1-230404.zip) | Intel | Use case on Compute Offload for Metaverse MMO Gaming | Withdrawn | *Revision of S1-230114.*  Revision of S1-230338. |
| Cont | [S1-230125](file:///E:\TSGS1_101_Athens\docs\S1-230125.zip) | Rakuten | Use case of Virtual Emergency Drill over 5G Metaverse | Revised to S1-230405 |  |
| Cont | [S1-230405](file:///E:\TSGS1_101_Athens\docs\S1-230405.zip) | Rakuten | Use case of Virtual Emergency Drill over 5G Metaverse | Revised to S1-230487 | Revision of S1-230125. |
| Cont | [S1-230487](file:///E:\TSGS1_101_Athens\docs\S1-230487.zip) | Rakuten | Use case of Virtual Emergency Drill over 5G Metaverse | Revised to S1-230766 | *Revision of S1-230125.*  Revision of S1-230405. |
| Cont | [S1-230766](file:///E:\TSGS1_101_Athens\docs\S1-230766.zip) | Rakuten | Use case of Virtual Emergency Drill over 5G Metaverse | Agreed | *Revision of S1-230125.*  *Revision of S1-230405.*  Revision of S1-230487.  Remove suitable, replace editors note with 1 editors note these 2 requirements are FFS |
| Cont | [S1-230145](file:///E:\TSGS1_101_Athens\docs\S1-230145.zip) | NTT DOCOMO | New use case - "Device independent mobile metaverse experience" | Revised to S1-230400 |  |
| Cont | [S1-230400](file:///E:\TSGS1_101_Athens\docs\S1-230400.zip) | NTT DOCOMO | New use case - "Device independent mobile metaverse experience" | Revised to S1-230406 | Revision of S1-230145. |
| Cont | [S1-230406](file:///E:\TSGS1_101_Athens\docs\S1-230406.zip) | NTT DOCOMO | New use case - "Device independent mobile metaverse experience" | Revised to S1-230488 | *Revision of S1-230145.*  Revision of S1-230400. |
| Cont | [S1-230488](file:///E:\TSGS1_101_Athens\docs\S1-230488.zip) | NTT DOCOMO | New use case - "Device independent mobile metaverse experience" | Noted | *Revision of S1-230145.*  *Revision of S1-230400.*  Revision of S1-230406. |
| Cont | [S1-230169](file:///E:\TSGS1_101_Athens\docs\S1-230169.zip) | vivo | Pseudo-CR on use case of media negotiation to achieve media delivery optimization | Revised to S1-230407 |  |
| Cont | [S1-230407](file:///E:\TSGS1_101_Athens\docs\S1-230407.zip) | vivo | Pseudo-CR on use case of media negotiation to achieve media delivery optimization | Revised to S1-230490 | Revision of S1-230169. |
| Cont | [S1-230490](file:///E:\TSGS1_101_Athens\docs\S1-230490.zip) | vivo | Pseudo-CR on use case of media negotiation to achieve media delivery optimization | Withdrawn | *Revision of S1-230169.*  Revision of S1-230407. |
| Cont | [S1-230170](file:///E:\TSGS1_101_Athens\docs\S1-230170.zip) | vivo | Pseudo-CR on use case of Metaverse Live Concert | Revised to S1-230408 |  |
| Cont | [S1-230408](file:///E:\TSGS1_101_Athens\docs\S1-230408.zip) | vivo | Pseudo-CR on use case of Metaverse Live Concert | Revised to S1-230491 | Revision of S1-230170. |
| Cont | [S1-230491](file:///E:\TSGS1_101_Athens\docs\S1-230491.zip) | vivo | Pseudo-CR on use case of Metaverse Live Concert | Agreed | *Revision of S1-230170.*  Revision of S1-230408. |
| Cont | [S1-230192](file:///E:\TSGS1_101_Athens\docs\S1-230192.zip) | China Mobile | pCR Metaverse use case of cooperation between metaverse service and network | Revised to S1-230409 |  |
| Cont | [S1-230409](file:///E:\TSGS1_101_Athens\docs\S1-230409.zip) | China Mobile | pCR Metaverse use case of cooperation between metaverse service and network | Revised to S1-230492 | Revision of S1-230192. |
| Cont | [S1-230492](file:///E:\TSGS1_101_Athens\docs\S1-230492.zip) | China Mobile | pCR Metaverse use case of cooperation between metaverse service and network | Agreed | *Revision of S1-230192.*  Revision of S1-230409. |
| Cont | [S1-230198](file:///E:\TSGS1_101_Athens\docs\S1-230198.zip) | China Mobile, Huawei | Pseudo-CR on New Use Case on Authorization of Avatar Usage Rights | Revised to S1-230410 |  |
| Cont | [S1-230410](file:///E:\TSGS1_101_Athens\docs\S1-230410.zip) | China Mobile, Huawei | Pseudo-CR on New Use Case on Authorization of Avatar Usage Rights | Revised to S1-230493 | Revision of S1-230198. |
| Cont | [S1-230493](file:///E:\TSGS1_101_Athens\docs\S1-230493.zip) | China Mobile, Huawei | Pseudo-CR on New Use Case on Authorization of Avatar Usage Rights | Revised to S1-230767 | *Revision of S1-230198.*  Revision of S1-230410. |
| Cont | [S1-230767](file:///E:\TSGS1_101_Athens\docs\S1-230767.zip) | China Mobile, Huawei | Pseudo-CR on New Use Case on Authorization of Avatar Usage Rights | Agreed | *Revision of S1-230198.*  *Revision of S1-230410.*  Revision of S1-230493.  [PR 5.x.6-1] Subject to regulatory requirements, user’s consent and operator’s policy, the 5G system shall support mechanisms to identify an avatar and associate the avatar with a subscriber (i.e. the owner of the avatar).  Req#4,5,6 are FFS |
| Cont | [S1-230246](file:///E:\TSGS1_101_Athens\docs\S1-230246.zip) | CableLabs | New Use Case on Metaverse Multi Access Scenario | Revised to S1-230411 |  |
| Cont | [S1-230411](file:///E:\TSGS1_101_Athens\docs\S1-230411.zip) | CableLabs | New Use Case on Metaverse Multi Access Scenario | Agreed | Revision of S1-230246. |
| Cont | [S1-230253](file:///E:\TSGS1_101_Athens\docs\S1-230253.zip) | China Telecom | New Use Case on Location-restricted Access | Revised to S1-230412 |  |
| Cont | [S1-230412](file:///E:\TSGS1_101_Athens\docs\S1-230412.zip) | China Telecom | New Use Case on Location-restricted Access | Revised to S1-230494 | Revision of S1-230253. |
| Cont | [S1-230494](file:///E:\TSGS1_101_Athens\docs\S1-230494.zip) | China Telecom | New Use Case on Location-restricted Access | Revised to S1-230768 | *Revision of S1-230253.*  Revision of S1-230412. |
| Cont | [S1-230768](file:///E:\TSGS1_101_Athens\docs\S1-230768.zip) | China Telecom | New Use Case on Location-restricted Access | Agreed | *Revision of S1-230253.*  *Revision of S1-230412.*  Revision of S1-230494. Clean up changes, both reqs are FFS |
| Cont | [S1-230266](file:///E:\TSGS1_101_Athens\docs\S1-230266.zip) | Samsung | Pseudo-CR on 5.X: New use case on IMS-based Avatar Call Support for Accessibility | Revised to S1-230413 |  |
| Cont | [S1-230413](file:///E:\TSGS1_101_Athens\docs\S1-230413.zip) | Samsung | Pseudo-CR on 5.X: New use case on IMS-based Avatar Call Support for Accessibility | Revised to S1-230495 | Revision of S1-230266. |
| Cont | [S1-230495](file:///E:\TSGS1_101_Athens\docs\S1-230495.zip) | Samsung | Pseudo-CR on 5.X: New use case on IMS-based Avatar Call Support for Accessibility | Revised to S1-230769 | *Revision of S1-230266.*  Revision of S1-230413. |
| Cont | [S1-230769](file:///E:\TSGS1_101_Athens\docs\S1-230769.zip) | Samsung | Pseudo-CR on 5.X: New use case on IMS-based Avatar Call Support for Accessibility | Agreed | *Revision of S1-230266.*  *Revision of S1-230413.*  Revision of S1-230495.  [P.R.-5.W.6-1] The 5G system shall support the encoding of sensor data capturing the facial expression and movement and gestures of a person as part of the avatar encoding.+ Huawei as supporting company |
| Cont | [S1-230268](file:///E:\TSGS1_101_Athens\docs\S1-230268.zip) | Samsung | Pseudo-CR on 5.X: New Localized Mobile Metaverse Service Overload Handling | Revised to S1-230415 |  |
| Cont | [S1-230415](file:///E:\TSGS1_101_Athens\docs\S1-230415.zip) | Samsung | Pseudo-CR on 5.X: New Localized Mobile Metaverse Service Overload Handling | Revised to S1-230496 | Revision of S1-230268. |
| Cont | [S1-230496](file:///E:\TSGS1_101_Athens\docs\S1-230496.zip) | Samsung | Pseudo-CR on 5.X: New Localized Mobile Metaverse Service Overload Handling | Revised to S1-230770 | *Revision of S1-230268.*  Revision of S1-230415. |
| Cont | [S1-230770](file:///E:\TSGS1_101_Athens\docs\S1-230770.zip) | Samsung | Pseudo-CR on 5.X: New Localized Mobile Metaverse Service Overload Handling | Revised to S1-230796 | *Revision of S1-230268.*  *Revision of S1-230415.*  Revision of S1-230496. |
| Cont | [S1-230796](docs\S1-230796.zip) | Samsung | Pseudo-CR on 5.X: New Localized Mobile Metaverse Service Overload Handling | Agreed | *Revision of S1-230268.*  *Revision of S1-230415.*  *Revision of S1-230496.*  Revision of S1-230770. |
| Former Use cases Updates | | | | | |
| Cont | [S1-230029](file:///E:\TSGS1_101_Athens\docs\S1-230029.zip) | InterDigital | Update to the Use Case for supporting Metaverse for Critical HealthCare | Revised to S1-230416 |  |
| Cont | [S1-230416](file:///E:\TSGS1_101_Athens\docs\S1-230416.zip) | InterDigital | Update to the Use Case for supporting Metaverse for Critical HealthCare | Noted | Revision of S1-230029. |
| Cont | [S1-230030](file:///E:\TSGS1_101_Athens\docs\S1-230030.zip) | InterDigital | Update to the Use Case on Autonomous Virtual Alter Ego | Revised to S1-230417 |  |
| Cont | [S1-230417](file:///E:\TSGS1_101_Athens\docs\S1-230417.zip) | InterDigital | Update to the Use Case on Autonomous Virtual Alter Ego | Revised to S1-230497 | Revision of S1-230030. |
| Cont | [S1-230497](file:///E:\TSGS1_101_Athens\docs\S1-230497.zip) | InterDigital | Update to the Use Case on Autonomous Virtual Alter Ego | Revised to S1-230771 | *Revision of S1-230030.*  Revision of S1-230417. |
| Cont | [S1-230771](file:///E:\TSGS1_101_Athens\docs\S1-230771.zip) | InterDigital | Update to the Use Case on Autonomous Virtual Alter Ego | Agreed | *Revision of S1-230030.*  *Revision of S1-230417.*  Revision of S1-230497.  Correcty typos and numbering |
| Cont | [S1-230032](file:///E:\TSGS1_101_Athens\docs\S1-230032.zip) | Ericsson | Pseudo-CR on simplify the privacy requirements and remove EN | Revised to S1-230341 |  |
| Cont | [S1-230341](file:///E:\TSGS1_101_Athens\docs\S1-230341.zip) | Ericsson | Pseudo-CR on simplify the privacy requirements and remove EN | Revised to S1-230425 | Revision of S1-230032. |
| Cont | [S1-230425](file:///E:\TSGS1_101_Athens\docs\S1-230425.zip) | Ericsson | Pseudo-CR on simplify the privacy requirements and remove EN | Revised to S1-230498 | *Revision of S1-230032.*  Revision of S1-230341. |
| Cont | [S1-230498](file:///E:\TSGS1_101_Athens\docs\S1-230498.zip) | Ericsson | Pseudo-CR on simplify the privacy requirements and remove EN | Agreed | *Revision of S1-230032.*  *Revision of S1-230341.*  Revision of S1-230425. |
| Cont | [S1-230064](file:///E:\TSGS1_101_Athens\docs\S1-230064.zip) | Nokia, Nokia Shanghai Bell | Revision of use-case 5.7 Immersive AR experience | Revised to S1-230426 |  |
| Cont | [S1-230426](file:///E:\TSGS1_101_Athens\docs\S1-230426.zip) | Nokia, Nokia Shanghai Bell | Revision of use-case 5.7 Immersive AR experience | Revised to S1-230485 | Revision of S1-230064. |
| Cont | [S1-230485](file:///E:\TSGS1_101_Athens\docs\S1-230485.zip) | Nokia, Nokia Shanghai Bell | Revision of use-case 5.7 Immersive AR experience | Revised to S1-230499 | *Revision of S1-230064.*  Revision of S1-230426. |
| Cont | [S1-230499](file:///E:\TSGS1_101_Athens\docs\S1-230499.zip) | Nokia, Nokia Shanghai Bell | Revision of use-case 5.7 Immersive AR experience | Revised to S1-230772 | *Revision of S1-230064.*  *Revision of S1-230426.*  Revision of S1-230485. |
| Cont | [S1-230772](file:///E:\TSGS1_101_Athens\docs\S1-230772.zip) | Nokia, Nokia Shanghai Bell | Revision of use-case 5.7 Immersive AR experience | Agreed | *Revision of S1-230064.*  *Revision of S1-230426.*  *Revision of S1-230485.*  Revision of S1-230499.  Second table, UE Speed is FFS |
| Cont | [S1-230091](file:///E:\TSGS1_101_Athens\docs\S1-230091.zip) | China Mobile, Huawei, Orange | 22856-PCR on updates to clause 5.16 | Revised to S1-230427 |  |
| Cont | [S1-230427](file:///E:\TSGS1_101_Athens\docs\S1-230427.zip) | China Mobile, Huawei, Orange | 22856-PCR on updates to clause 5.16 | Revised to S1-230567 | Revision of S1-230091. |
| Cont | [S1-230567](file:///E:\TSGS1_101_Athens\docs\S1-230567.zip) | China Mobile, Huawei, Orange | 22856-PCR on updates to clause 5.16 | Revised to S1-230682 | *Revision of S1-230091.*  Revision of S1-230427. |
| Cont | [S1-230682](file:///E:\TSGS1_101_Athens\docs\S1-230682.zip) | China Mobile, Huawei, Orange | 22856-PCR on updates to clause 5.16 | Agreed | *Revision of S1-230091.*  *Revision of S1-230427.*  Revision of S1-230567. |
| Cont | [S1-230144](file:///E:\TSGS1_101_Athens\docs\S1-230144.zip) | NTT DOCOMO | Update of use case on Work delegation to autonomous virtual alter ego | Revised to S1-230401 |  |
| Cont | [S1-230401](file:///E:\TSGS1_101_Athens\docs\S1-230401.zip) | NTT DOCOMO | Update of use case on Work delegation to autonomous virtual alter ego | Revised to S1-230428 | Revision of S1-230144. |
| Cont | [S1-230428](file:///E:\TSGS1_101_Athens\docs\S1-230428.zip) | NTT DOCOMO | Update of use case on Work delegation to autonomous virtual alter ego | Revised to S1-230568 | *Revision of S1-230144.*  Revision of S1-230401. |
| Cont | [S1-230568](file:///E:\TSGS1_101_Athens\docs\S1-230568.zip) | NTT DOCOMO | Update of use case on Work delegation to autonomous virtual alter ego | Agreed | *Revision of S1-230144.*  *Revision of S1-230401.*  Revision of S1-230428. |
| Cont | [S1-230153](file:///E:\TSGS1_101_Athens\docs\S1-230153.zip) | CATT | pCR on updates of clause 5.6 | Revised to S1-230429 |  |
| Cont | [S1-230429](file:///E:\TSGS1_101_Athens\docs\S1-230429.zip) | CATT | pCR on updates of clause 5.6 | Revised to S1-230489 | Revision of S1-230153. |
| Cont | [S1-230489](file:///E:\TSGS1_101_Athens\docs\S1-230489.zip) | CATT | pCR on updates of clause 5.6 | Revised to S1-230569 | *Revision of S1-230153.*  Revision of S1-230429. |
| Cont | [S1-230569](file:///E:\TSGS1_101_Athens\docs\S1-230569.zip) | CATT | pCR on updates of clause 5.6 | Revised to S1-230773 | *Revision of S1-230153.*  *Revision of S1-230429.*  Revision of S1-230489. |
| Cont | [S1-230773](file:///E:\TSGS1_101_Athens\docs\S1-230773.zip) | CATT | pCR on updates of clause 5.6 | Withdrawn | *Revision of S1-230153.*  *Revision of S1-230429.*  *Revision of S1-230489.*  Revision of S1-230569. |
| Cont | [S1-230171](file:///E:\TSGS1_101_Athens\docs\S1-230171.zip) | vivo | Pseudo-CR on Update of use case on synchronization | Revised to S1-230430 |  |
| Cont | [S1-230430](file:///E:\TSGS1_101_Athens\docs\S1-230430.zip) | vivo | Pseudo-CR on Update of use case on synchronization | Revised to S1-230570 | Revision of S1-230171. |
| Cont | [S1-230570](file:///E:\TSGS1_101_Athens\docs\S1-230570.zip) | vivo | Pseudo-CR on Update of use case on synchronization | Agreed | *Revision of S1-230171.*  Revision of S1-230430. |
| Cont | [S1-230172](file:///E:\TSGS1_101_Athens\docs\S1-230172.zip) | vivo | Pseudo-CR on update the power consumption for Immersive AR Interactive Experience | Noted |  |
| Cont | [S1-230233](file:///E:\TSGS1_101_Athens\docs\S1-230233.zip) | OTD\_US | Pseudo-CR to update new requirements for identity management and privacy awareness for metaverse services | Revised to S1-230431 |  |
| Cont | [S1-230431](file:///E:\TSGS1_101_Athens\docs\S1-230431.zip) | OTD\_US | Pseudo-CR to update new requirements for identity management and privacy awareness for metaverse services | Revised to S1-230576 | Revision of S1-230233. |
| Cont | [S1-230576](file:///E:\TSGS1_101_Athens\docs\S1-230576.zip) | OTD\_US | Pseudo-CR to update new requirements for identity management and privacy awareness for metaverse services | Merged into 0568 | *Revision of S1-230233.*  Revision of S1-230431. |
| Cont | [S1-230258](file:///E:\TSGS1_101_Athens\docs\S1-230258.zip) | Samsung | Pseudo-CR on Update of 5.1: Localized Mobile Metaverse Service Use Case | Revised to S1-230432 |  |
| Cont | [S1-230432](file:///E:\TSGS1_101_Athens\docs\S1-230432.zip) | Samsung | Pseudo-CR on Update of 5.1: Localized Mobile Metaverse Service Use Case | Revised to S1-230572 | Revision of S1-230258. |
| Cont | [S1-230572](file:///E:\TSGS1_101_Athens\docs\S1-230572.zip) | Samsung | Pseudo-CR on Update of 5.1: Localized Mobile Metaverse Service Use Case | Agreed | *Revision of S1-230258.*  Revision of S1-230432. |
| Cont | [S1-230259](file:///E:\TSGS1_101_Athens\docs\S1-230259.zip) | Samsung, Tencent, Tencent Cloud, Huawei | 22.856 pCR: 5.2 and 5.6 Terminology and Clean Up | Revised to S1-230433 |  |
| Cont | [S1-230433](file:///E:\TSGS1_101_Athens\docs\S1-230433.zip) | Samsung, Tencent, Tencent Cloud, Huawei | 22.856 pCR: 5.2 and 5.6 Terminology and Clean Up | Agreed | Revision of S1-230259. |
| Cont | [S1-230261](file:///E:\TSGS1_101_Athens\docs\S1-230261.zip) | Samsung | Pseudo-CR on Update of 5.4: Localized Mobile Metaverse Service Use Case | Revised to S1-230434 |  |
| Cont | [S1-230434](file:///E:\TSGS1_101_Athens\docs\S1-230434.zip) | Samsung | Pseudo-CR on Update of 5.4: Localized Mobile Metaverse Service Use Case | Revised to S1-230573 | Revision of S1-230261. |
| Cont | [S1-230573](file:///E:\TSGS1_101_Athens\docs\S1-230573.zip) | Samsung | Pseudo-CR on Update of 5.4: Localized Mobile Metaverse Service Use Case | Agreed | *Revision of S1-230261.*  Revision of S1-230434. |
| Cont | [S1-230262](file:///E:\TSGS1_101_Athens\docs\S1-230262.zip) | Samsung | Pseudo-CR on Update of 5.5: Spatial Mapping and Localization Enabler Use Case | Revised to S1-230435 |  |
| Cont | [S1-230435](file:///E:\TSGS1_101_Athens\docs\S1-230435.zip) | Samsung | Pseudo-CR on Update of 5.5: Spatial Mapping and Localization Enabler Use Case | Revised to S1-230574 | Revision of S1-230262. |
| Cont | [S1-230574](file:///E:\TSGS1_101_Athens\docs\S1-230574.zip) | Samsung | Pseudo-CR on Update of 5.5: Spatial Mapping and Localization Enabler Use Case | Agreed | *Revision of S1-230262.*  Revision of S1-230435. |
| Cont | [S1-230263](file:///E:\TSGS1_101_Athens\docs\S1-230263.zip) | Samsung | 22.856 pCR: update to include an additional requirement for 5.8 | Noted |  |
| Cont | [S1-230264](file:///E:\TSGS1_101_Athens\docs\S1-230264.zip) | Samsung, Huawei | 22.856 pCR: editorial clean up proposals for 5.10 | Revised to S1-230436 |  |
| Cont | [S1-230436](file:///E:\TSGS1_101_Athens\docs\S1-230436.zip) | Samsung, Huawei | 22.856 pCR: editorial clean up proposals for 5.10 | Agreed | Revision of S1-230264. |
| Cont | [S1-230265](file:///E:\TSGS1_101_Athens\docs\S1-230265.zip) | Samsung | Pseudo-CR on Update of 5.11: Use case of IMS-based 3D Avatar Communication | Revised to S1-230437 |  |
| Cont | [S1-230437](file:///E:\TSGS1_101_Athens\docs\S1-230437.zip) | Samsung | Pseudo-CR on Update of 5.11: Use case of IMS-based 3D Avatar Communication | Revised to S1-230575 | Revision of S1-230265. |
| Cont | [S1-230575](file:///E:\TSGS1_101_Athens\docs\S1-230575.zip) | Samsung | Pseudo-CR on Update of 5.11: Use case of IMS-based 3D Avatar Communication | Agreed | *Revision of S1-230265.*  Revision of S1-230437. |
| Consolidation & Others | | | | | |
| Cont | [S1-230247](file:///E:\TSGS1_101_Athens\docs\S1-230247.zip) | China Telecom, Orange, China Mobile, Huawei | Merged potential service requirements on digital asset management | Noted |  |
| Cont | [S1-230229](file:///E:\TSGS1_101_Athens\docs\S1-230229.zip) | OTD\_US | Pseudo-CR to add considerations for Mission Critical and other priority services | Revised to S1-230438 |  |
| Cont | [S1-230438](file:///E:\TSGS1_101_Athens\docs\S1-230438.zip) | OTD\_US | Pseudo-CR to add considerations for Mission Critical and other priority services | Revised to S1-230577 | Revision of S1-230229. |
| Cont | [S1-230577](file:///E:\TSGS1_101_Athens\docs\S1-230577.zip) | OTD\_US | Pseudo-CR to add considerations for Mission Critical and other priority services | Revised to S1-230775 | *Revision of S1-230229.*  Revision of S1-230438. |
| Cont | [S1-230775](file:///E:\TSGS1_101_Athens\docs\S1-230775.zip) | OTD\_US | Pseudo-CR to add considerations for Mission Critical and other priority services | Agreed | *Revision of S1-230229.*  *Revision of S1-230438.*  Revision of S1-230577.  Fix format  No presentation |
| Cont | [S1-230267](file:///E:\TSGS1_101_Athens\docs\S1-230267.zip) | Samsung | [DRAFT] LS on IMS-based 3D Avatar Call Support for Accessibility | Revised to S1-230414 |  |
| Cont | [S1-230414](file:///E:\TSGS1_101_Athens\docs\S1-230414.zip) | Samsung | [DRAFT] LS on IMS-based 3D Avatar Call Support for Accessibility | Noted | Revision of S1-230267. |
| Cont | [S1-230270](file:///E:\TSGS1_101_Athens\docs\S1-230270.zip) | Samsung | Pseudo-CR on 6: Relation to other standards activities | Revised to S1-230439 |  |
| Cont | [S1-230439](file:///E:\TSGS1_101_Athens\docs\S1-230439.zip) | Samsung | Pseudo-CR on 6: Relation to other standards activities | Revised to S1-230578 | Revision of S1-230270. |
| Cont | [S1-230578](file:///E:\TSGS1_101_Athens\docs\S1-230578.zip) | Samsung | Pseudo-CR on 6: Relation to other standards activities | Agreed | *Revision of S1-230270.*  Revision of S1-230439.  Remove the clause and check the Numbers. |
| Cont | [S1-230271](file:///E:\TSGS1_101_Athens\docs\S1-230271.zip) | Samsung | Pseudo-CR on 7: Considerations | Revised to S1-230440 |  |
| Cont | [S1-230440](file:///E:\TSGS1_101_Athens\docs\S1-230440.zip) | Samsung | Pseudo-CR on 7: Considerations | Noted | Revision of S1-230271. |
| Cont | [S1-230272](file:///E:\TSGS1_101_Athens\docs\S1-230272.zip) | Samsung | Pseudo-CR on 8: Consolidated potential requirements and KPIs | Not Handled |  |
| FS\_Metaverse Output | | | | | |
| Cont | [S1-230275](file:///E:\TSGS1_101_Athens\docs\S1-230275.zip) | Rapporteur (Samsung) | Presentation of Specification/Report to TSG: TR 22.856 0.4.0 (will be 1.0.0 as presented to plenary) | Revised to S1-230801 | Dele |
| Cont | [S1-230801](docs\S1-230801.zip) | Rapporteur (Samsung) | Presentation of Specification/Report to TSG: TR 22.856 0.4.0 (will be 1.0.0 as presented to plenary) | Agreed | Revision of S1-230275.  Delete Changes since last SA and delete number of editors note. |
| TR | S1-230723 | Rapporteur (Samsung) | TR 22.856v0.4.0 Study on Localized Mobile Metaverse Services | Agreed | First draft by Monday 27th  23:00 UTC  Comments till Thursday 2nd 23:00 UTC  Final version by Friday 3rd 23:00 UTC |
| Cont | [S1-230276](file:///E:\TSGS1_101_Athens\docs\S1-230276.zip) | Samsung | New WID on Localized Mobile Metaverse Services | Moved to 4 |  |
| Cont | [S1-230197](file:///E:\TSGS1_101_Athens\docs\S1-230197.zip) | China Mobile | Pseudo-CR on New Use Case on Authorization of Avatar Usage Rights | Withdrawn |  |
| 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 22.851v1.0.0](https://ftp.3gpp.org/Specs/archive/22_series/22.851/22851-100.zip)  Target completion date: SA#98 (03/2023)  Percentage completion: 75% | | | | | |
| General | | | | | |
| Cont | [S1-230093](file:///E:\TSGS1_101_Athens\docs\S1-230093.zip) | China Unicom | FS\_Netshare Overview | Revised to S1-230553 |  |
| Cont | [S1-230553](file:///E:\TSGS1_101_Athens\docs\S1-230553.zip) | China Unicom | FS\_Netshare Overview | Revised to S1-230579 | Revision of S1-230093. |
| Cont | [S1-230579](file:///E:\TSGS1_101_Athens\docs\S1-230579.zip) | China Unicom | FS\_Netshare Overview | Agreed | *Revision of S1-230093.*  Revision of S1-230553. |
| Cont | [S1-230019](file:///E:\TSGS1_101_Athens\docs\S1-230019.zip) | ZTE | TR Cleanup | Revised to S1-230071 |  |
| Cont | [S1-230071](file:///E:\TSGS1_101_Athens\docs\S1-230071.zip) | ZTE | TR Cleanup | Revised to S1-230735 | Revision of S1-230019. |
| Cont | [S1-230735](file:///E:\TSGS1_101_Athens\docs\S1-230735.zip) | ZTE | TR Cleanup | Revised to S1-230746 | *Revision of S1-230019.*  Revision of S1-230071. |
| Cont | [S1-230746](file:///E:\TSGS1_101_Athens\docs\S1-230746.zip) | ZTE | TR Cleanup | Agreed | *Revision of S1-230019.*  *Revision of S1-230071.*  Revision of S1-230735. |
| Cont | [S1-230351](file:///E:\TSGS1_101_Athens\docs\S1-230351.zip) | China Unicom | Discussion paper of FS\_Netshare WID and CR | Noted | New coming document based on Monday discussion at main room  Majority is going to Op 1. (located in 261 and refers 101) |
| New Use Cases | | | | | |
| Cont | [S1-230016](file:///E:\TSGS1_101_Athens\docs\S1-230016.zip) | Charter | Add Public Warning System Requirement | Noted | Merged into the PR001 of #0361 |
| Cont | [S1-230018](file:///E:\TSGS1_101_Athens\docs\S1-230018.zip) | ZTE | Use Case on Support of PWS in 5G Shared Access Network with Indirect Interconnection | Revised to S1-230102 |  |
| Cont | [S1-230102](file:///E:\TSGS1_101_Athens\docs\S1-230102.zip) | ZTE | Use Case on Support of PWS in 5G Shared Access Network with Indirect Interconnection | Revised to S1-230361 | Revision of S1-230018. |
| Cont | [S1-230361](file:///E:\TSGS1_101_Athens\docs\S1-230361.zip) | ZTE | Use Case on Support of PWS in 5G Shared Access Network with Indirect Interconnection | Agreed | *Revision of S1-230018.*  Revision of S1-230102. |
| Cont | [S1-230277](file:///E:\TSGS1_101_Athens\docs\S1-230277.zip) | Samsung | Use case for prioritizing home RAN over partner operator’s RAN | Revised to S1-230362 |  |
| Cont | [S1-230362](file:///E:\TSGS1_101_Athens\docs\S1-230362.zip) | Samsung | Use case for prioritizing home RAN over partner operator’s RAN | Withdrawn | Revision of S1-230277.  approach : no UE impacts (Qualcomm, Charter, OPPO) |
| Cont | [S1-230278](file:///E:\TSGS1_101_Athens\docs\S1-230278.zip) | Samsung | Use case on Emergency services in a Shared Network | Revised to S1-230363 |  |
| Cont | [S1-230363](file:///E:\TSGS1_101_Athens\docs\S1-230363.zip) | Samsung | Use case on Emergency services in a Shared Network | Withdrawn | Revision of S1-230278. |
| Former Use cases Updates | | | | | |
| Cont | [S1-230066](file:///E:\TSGS1_101_Athens\docs\S1-230066.zip) | Nokia, Nokia Shanghai Bell | Clarifications on UE steering | Revised to S1-230385 |  |
| Cont | [S1-230385](file:///E:\TSGS1_101_Athens\docs\S1-230385.zip) | Nokia, Nokia Shanghai Bell | Clarifications on UE steering | Revised to S1-230580 | Revision of S1-230066. |
| Cont | [S1-230580](file:///E:\TSGS1_101_Athens\docs\S1-230580.zip) | Nokia, Nokia Shanghai Bell | Clarifications on UE steering | Agreed | *Revision of S1-230066.*  Revision of S1-230385. |
| Cont | [S1-230067](file:///E:\TSGS1_101_Athens\docs\S1-230067.zip) | Nokia, Nokia Shanghai Bell | Editorial changes to quoted text | Agreed |  |
| Cont | [S1-230149](file:///E:\TSGS1_101_Athens\docs\S1-230149.zip) | CATT | pCR on updates of clause 5.7 | Revised to S1-230386 |  |
| Cont | [S1-230386](file:///E:\TSGS1_101_Athens\docs\S1-230386.zip) | CATT | pCR on updates of clause 5.7 | Revised to S1-230392 |  |
| Cont | [S1-230392](file:///E:\TSGS1_101_Athens\docs\S1-230392.zip) | CATT | pCR on updates of clause 5.7 | Revised to S1-230581 | Revision of S1-230386. |
| Cont | [S1-230581](file:///E:\TSGS1_101_Athens\docs\S1-230581.zip) | CATT | pCR on updates of clause 5.7 | Revised to S1-230776 | *Revision of S1-230386.*  Revision of S1-230392. |
| Cont | [S1-230776](docs\S1-230776.zip) | CATT | pCR on updates of clause 5.7 | Revised to S1-230781 | *Revision of S1-230386.*  *Revision of S1-230392.*  Revision of S1-230581. |
| Cont | [S1-230781](docs\S1-230781.zip) | CATT | pCR on updates of clause 5.7 | Agreed | *Revision of S1-230386.*  *Revision of S1-230392.*  *Revision of S1-230581.*  Revision of S1-230776.  Keep the editors note |
| Consolidation & Others | | | | | |
| Cont | [S1-230020](file:///E:\TSGS1_101_Athens\docs\S1-230020.zip) | ZTE, China Unicom | Requirements Consolidation | Revised to S1-230103 |  |
| Cont | [S1-230103](file:///E:\TSGS1_101_Athens\docs\S1-230103.zip) | ZTE, China Unicom | Requirements Consolidation | Revised to S1-230387 | Revision of S1-230020. |
| Cont | [S1-230387](file:///E:\TSGS1_101_Athens\docs\S1-230387.zip) | ZTE, China Unicom | Requirements Consolidation | Revised to S1-230391 | *Revision of S1-230020.*  Revision of S1-230103. |
| Cont | [S1-230391](file:///E:\TSGS1_101_Athens\docs\S1-230391.zip) | ZTE, China Unicom | Requirements Consolidation | Revised to S1-230582 | *Revision of S1-230020.*  *Revision of S1-230103.*  Revision of S1-230387. |
| Cont | [S1-230582](file:///E:\TSGS1_101_Athens\docs\S1-230582.zip) | ZTE, China Unicom | Requirements Consolidation | Revised to S1-230777 | *Revision of S1-230020.*  *Revision of S1-230103.*  *Revision of S1-230387.*  Revision of S1-230391. |
| Cont | [S1-230777](docs\S1-230777.zip) | ZTE, China Unicom | Requirements Consolidation | Revised to S1-230782 | *Revision of S1-230020.*  *Revision of S1-230103.*  *Revision of S1-230387.*  *Revision of S1-230391.*  Revision of S1-230582. |
| Cont | [S1-230782](docs\S1-230782.zip) | ZTE, China Unicom | Requirements Consolidation | Agreed | *Revision of S1-230020.*  *Revision of S1-230103.*  *Revision of S1-230387.*  *Revision of S1-230391.*  *Revision of S1-230582.*  Revision of S1-230777.  Remove bullet list + editors note |
| Cont | [S1-230079](file:///E:\TSGS1_101_Athens\docs\S1-230079.zip) | China Unicom | TR 22.851 FS\_Netshare Conclusions | Revised to S1-230388 |  |
| Cont | [S1-230388](file:///E:\TSGS1_101_Athens\docs\S1-230388.zip) | China Unicom | TR 22.851 FS\_Netshare Conclusions | Noted | Revision of S1-230079. |
| Cont | [S1-230148](file:///E:\TSGS1_101_Athens\docs\S1-230148.zip) | CATT | pCR on security consideration | Revised to S1-230389 |  |
| Cont | [S1-230389](file:///E:\TSGS1_101_Athens\docs\S1-230389.zip) | CATT | pCR on security consideration | Revised to S1-230583 | Revision of S1-230148. |
| Cont | [S1-230583](file:///E:\TSGS1_101_Athens\docs\S1-230583.zip) | CATT | pCR on security consideration | Agreed | *Revision of S1-230148.*  Revision of S1-230389.  Therefore, more security relative to user privacy and the operator’s policy can be taken into account for the Indirect Network Sharing configuration. |
| FS\_NetShare Output | | | | | |
| Cont | [S1-230724](file:///E:\TSGS1_101_Athens\docs\S1-230724.zip) | Rapporteur (China Unicom) | Cover sheet of the TR22.851 for approval | Withdrawn |  |
| TR | [S1-230725](file:///E:\TSGS1_101_Athens\docs\S1-230725.zip) | Rapporteur (China Unicom) | TR 22.851v1.1.0 Study on Network Sharing Aspects | Agreed | First draft by Monday 27th  23:00 UTC  Comments till Thursday 2nd 23:00 UTC  Final version by Friday 3rd 23:00 UTC |
| 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: [TR22.989v19.2.0](https://www.3gpp.org/ftp/Specs/archive/22_series/22.989/22989-j20.zip)  Target completion date: SA#101 (09/2023)  Percentage completion: 50% | | | | | |
| 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: [TR22.876v0.2.0](https://ftp.3gpp.org/Specs/archive/22_series/22.876/22876-020.zip)  Target completion date: SA#98 (03/2023)  Percentage completion: 50% | | | | | |
| New Use Cases | | | | | |
| Cont | [S1-230017](file:///E:\TSGS1_101_Athens\docs\S1-230017.zip) | InterDigital, OPPO | New use-case on local AI/ML model split on factory robots | Revised to S1-230364 |  |
| Cont | [S1-230364](file:///E:\TSGS1_101_Athens\docs\S1-230364.zip) | InterDigital, OPPO | New use-case on local AI/ML model split on factory robots | Revised to S1-230395 | Revision of S1-230017. |
| Cont | [S1-230395](file:///E:\TSGS1_101_Athens\docs\S1-230395.zip) | InterDigital, OPPO | New use-case on local AI/ML model split on factory robots | Revised to S1-230783 | *Revision of S1-230017.*  Revision of S1-230364. |
| Cont | [S1-230783](docs\S1-230783.zip) | InterDigital, OPPO | New use-case on local AI/ML model split on factory robots | Agreed | *Revision of S1-230017.*  *Revision of S1-230364.*  Revision of S1-230395.  Delete note in section 5x6. |
| Cont | [S1-230127](file:///E:\TSGS1_101_Athens\docs\S1-230127.zip) | OPPO, Xiaomi | New use case of 5GS assisted distributed joint inference | Revised to S1-230365 |  |
| Cont | [S1-230365](file:///E:\TSGS1_101_Athens\docs\S1-230365.zip) | OPPO, Xiaomi | New use case of 5GS assisted distributed joint inference | Revised to S1-230393 | Revision of S1-230127. |
| Cont | [S1-230393](file:///E:\TSGS1_101_Athens\docs\S1-230393.zip) | OPPO, Xiaomi | New use case of 5GS assisted distributed joint inference | Agreed | *Revision of S1-230127.*  Revision of S1-230365.  Fix HEader |
| Cont | [S1-230128](file:///E:\TSGS1_101_Athens\docs\S1-230128.zip) | OPPO, Xiaomi, Tsinghua University | 5GS assisted transfer learning for vehicle trajectory prediction | Revised to S1-230366 |  |
| Cont | [S1-230366](file:///E:\TSGS1_101_Athens\docs\S1-230366.zip) | OPPO, Xiaomi, Tsinghua University | 5GS assisted transfer learning for vehicle trajectory prediction | Revised to S1-230394 | Revision of S1-230128. |
| Cont | [S1-230394](file:///E:\TSGS1_101_Athens\docs\S1-230394.zip) | OPPO, Xiaomi, Tsinghua University | 5GS assisted transfer learning for vehicle trajectory prediction | Agreed | *Revision of S1-230128.*  Revision of S1-230366.  Agreed without the note |
| Former Use cases Updates | | | | | |
| Cont | [S1-230087](file:///E:\TSGS1_101_Athens\docs\S1-230087.zip) | Lenovo | Pseudo-CR on corrections to clause 2 and 5 | Agreed | No presentation |
| Cont | [S1-230092](file:///E:\TSGS1_101_Athens\docs\S1-230092.zip) | China Telecommunications | Update on AI Model Transfer Management through Direct Device Connection | Revised to S1-230367 |  |
| Cont | [S1-230367](file:///E:\TSGS1_101_Athens\docs\S1-230367.zip) | China Telecommunications | Update on AI Model Transfer Management through Direct Device Connection | Revised to S1-230396 | Revision of S1-230092. |
| Cont | [S1-230396](file:///E:\TSGS1_101_Athens\docs\S1-230396.zip) | China Telecommunications | Update on AI Model Transfer Management through Direct Device Connection | Agreed | *Revision of S1-230092.*  Revision of S1-230367.  Reliability is assumed to be **[**99.9 – 99.999**]**% |
| Cont | [S1-230131](file:///E:\TSGS1_101_Athens\docs\S1-230131.zip) | OPPO | Update of Use Case - Direct device connection based federated learing | Revised to S1-230368 |  |
| Cont | [S1-230368](file:///E:\TSGS1_101_Athens\docs\S1-230368.zip) | OPPO | Update of Use Case - Direct device connection based federated learing | Revised to S1-230397 | Revision of S1-230131. |
| Cont | [S1-230397](file:///E:\TSGS1_101_Athens\docs\S1-230397.zip) | OPPO | Update of Use Case - Direct device connection based federated learing | Revised to S1-230784 | *Revision of S1-230131.*  Revision of S1-230368. |
| Cont | [S1-230784](docs\S1-230784.zip) | OPPO | Update of Use Case - Direct device connection based federated learing | Agreed | *Revision of S1-230131.*  *Revision of S1-230368.*  Revision of S1-230397.  Req3#1 ”shall be able to configure"  No presentation |
| Cont | [S1-230132](file:///E:\TSGS1_101_Athens\docs\S1-230132.zip) | OPPO | Update of Use case – Proximity based work task offloading for AI/ML inference | Revised to S1-190369 |  |
| Cont | [S1-230369](file:///E:\TSGS1_101_Athens\docs\S1-230369.zip) | OPPO | Update of Use case – Proximity based work task offloading for AI/ML inference | Revised to S1-230737 | Revision of S1-230132. |
| Cont | [S1-230737](file:///E:\TSGS1_101_Athens\docs\S1-230737.zip) | OPPO | Update of Use case – Proximity based work task offloading for AI/ML inference | Revised to S1-230742 | *Revision of S1-230132.*  Revision of S1-230369. |
| Cont | [S1-230742](file:///E:\TSGS1_101_Athens\docs\S1-230742.zip) | OPPO | Update of Use case – Proximity based work task offloading for AI/ML inference | Revised to S1-230744 | *Revision of S1-230132.*  *Revision of S1-230369.*  Revision of S1-230737. |
| Cont | [S1-230744](file:///E:\TSGS1_101_Athens\docs\S1-230744.zip) | OPPO | Update of Use case – Proximity based work task offloading for AI/ML inference | Agreed | *Revision of S1-230132.*  *Revision of S1-230369.*  *Revision of S1-230737.*  Revision of S1-230742.  Remove NOTE X |
| Consolidation & Others | | | | | |
| Cont | [S1-230133](file:///E:\TSGS1_101_Athens\docs\S1-230133.zip) | OPPO | Consolidation on Functional Requirement of AIML-Ph2 | Revised to S1-230390 |  |
| Cont | [S1-230390](file:///E:\TSGS1_101_Athens\docs\S1-230390.zip) | OPPO | Consolidation on Functional Requirement of AIML-Ph2 | Noted | Revision of S1-230133. |
| FS\_AIML\_Ph2 Output | | | | | |
| Cont | [S1-230726](file:///E:\TSGS1_101_Athens\docs\S1-230726.zip) | Rapporteur (OPPO) | Cover sheet of the TR22.876 for information | Revised to S1-230806 |  |
| Cont | [S1-230806](docs\S1-230806.zip) | Rapporteur (OPPO) | Cover sheet of the TR22.876 for information | Agreed | Revision of S1-230726.  Delete sentence There are one remaining editor's notes to be resolved before the TR is sent for approval. |
| TR | [S1-230727](file:///E:\TSGS1_101_Athens\docs\S1-230727.zip) | Rapporteur (OPPO) | TR 22.876v0.3.0 Study on AI/ML Model Transfer\_Phase2 | Agreed | First draft by Monday 27th  23:00 UTC  Comments till Thursday 2nd 23:00 UTC  Final version by Friday 3rd 23:00 UTC |
| 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: [TR22.865v0.2.0](https://ftp.3gpp.org/Specs/archive/22_series/22.865/22865-020.zip)  Target completion date: SA#99 (03/2023)  Percentage completion: 55% | | | | | |
| General | | | | | |
| Cont | [S1-230136](file:///E:\TSGS1_101_Athens\docs\S1-230136.zip) | NOVAMINT | Text Proposal for the Overview section | Revised to S1-230454 |  |
| Cont | [S1-230454](file:///E:\TSGS1_101_Athens\docs\S1-230454.zip) | NOVAMINT | Text Proposal for the Overview section | Revised to S1-230475 | Revision of S1-230136. |
| Cont | [S1-230475](file:///E:\TSGS1_101_Athens\docs\S1-230475.zip) | NOVAMINT | Text Proposal for the Overview section | Agreed | *Revision of S1-230136.*  Revision of S1-230454. |
| New Use Cases | | | | | |
| Cont | [S1-230072](file:///E:\TSGS1_101_Athens\docs\S1-230072.zip) | ETRI | Use case on service continuity for UE-to-UE communication across multiple satellites | Revised to S1-230129 |  |
| Cont | [S1-230129](https://365tno-my.sharepoint.com/personal/toon_norp_tno_nl/Documents/Documents/Local%203GPP%20copy/SA1%23100/Docs/S1-230129.zip) | ETRI, Novamint | Use case on service continuity for UE-to-UE communication across multiple satellites | Revised to S1-230450 | Revision of S1-230072. |
| Cont | [S1-230450](file:///E:\TSGS1_101_Athens\docs\S1-230450.zip) | ETRI, Novamint | Use case on service continuity for UE-to-UE communication across multiple satellites | Revised to S1-230457 | *Revision of S1-230072.*  Revision of S1-230129. |
| Cont | [S1-230457](https://365tno-my.sharepoint.com/personal/toon_norp_tno_nl/Documents/Documents/Local%203GPP%20copy/docs/S1-230457.zip) | ETRI, Novamint | Use case on service continuity for UE-to-UE communication across multiple satellites | Revised to S1-230645 | *Revision of S1-230072.*  *Revision of S1-230129.*  Revision of S1-230450. |
| Cont | [S1-230645](file:///E:\TSGS1_101_Athens\docs\S1-230645.zip) | ETRI, Novamint | Use case on service continuity for UE-to-UE communication across multiple satellites | Revised to S1-230669 | *Revision of S1-230072.*  *Revision of S1-230129.*  *Revision of S1-230450.*  Revision of S1-230457. |
| Cont | [S1-230669](file:///E:\TSGS1_101_Athens\docs\S1-230669.zip) | ETRI, Novamint | Use case on service continuity for UE-to-UE communication across multiple satellites | Agreed | *Revision of S1-230072.*  *Revision of S1-230129.*  *Revision of S1-230450.*  *Revision of S1-230457.*  Revision of S1-230645. |
| Cont | [S1-230073](https://365tno-my.sharepoint.com/personal/toon_norp_tno_nl/Documents/Documents/Local%203GPP%20copy/SA1%23100/docs/S1-230073.zip) | ETRI | Use case on service continuity for UE-to-UE communication in case of network roaming | Revised to S1-230130 |  |
| Cont | [S1-230130](https://365tno-my.sharepoint.com/personal/toon_norp_tno_nl/Documents/Documents/Local%203GPP%20copy/SA1%23100/Docs/S1-230130.zip) | ETRI, Novamint | Use case on service continuity for UE-to-UE communication in case of network roaming | Revised to S1-230458 | Revision of S1-230073. |
| Cont | [S1-230458](file:///E:\TSGS1_101_Athens\docs\S1-230458.zip) | ETRI, Novamint | Use case on service continuity for UE-to-UE communication in case of network roaming | Revised to S1-230670 | *Revision of S1-230073.*  Revision of S1-230130. |
| Cont | [S1-230670](file:///E:\TSGS1_101_Athens\docs\S1-230670.zip) | ETRI, Novamint | Use case on service continuity for UE-to-UE communication in case of network roaming | Agreed | *Revision of S1-230073.*  *Revision of S1-230130.*  Revision of S1-230458.  Change roaming to mobility from Fig title. |
| Cont | [S1-230126](https://365tno-my.sharepoint.com/personal/toon_norp_tno_nl/Documents/Documents/Local%203GPP%20copy/SA1%23100/docs/S1-230126.zip) | Rakuten | Minimization of Service Interruption in case of Satellite Access | Noted |  |
| Cont | [S1-230203](https://365tno-my.sharepoint.com/personal/toon_norp_tno_nl/Documents/Documents/Local%203GPP%20copy/SA1%23100/docs/S1-230203.zip) | IIT Bombay | Usage of satellite connectivity for AI/ML support in 5GS | Noted |  |
| Cont | [S1-230288](https://365tno-my.sharepoint.com/personal/toon_norp_tno_nl/Documents/Documents/Local%203GPP%20copy/SA1%23100/docs/S1-230288.zip) | NOVAMINT, GateHouse, TNO | Use case on store and forward – emergency report relaying | Revised to S1-230452 |  |
| Cont | [S1-230452](https://365tno-my.sharepoint.com/personal/toon_norp_tno_nl/Documents/Documents/Local%203GPP%20copy/docs/S1-230452.zip) | NOVAMINT, GateHouse, TNO | Use case on store and forward – emergency report relaying | Revised to S1-230459 | Revision of S1-230288. |
| Cont | [S1-230459](file:///E:\TSGS1_101_Athens\docs\S1-230459.zip) | NOVAMINT, GateHouse, TNO | Use case on store and forward – emergency report relaying | Revised to S1-230679 | *Revision of S1-230288.*  Revision of S1-230452. |
| Cont | [S1-230679](file:///E:\TSGS1_101_Athens\docs\S1-230679.zip) | NOVAMINT, GateHouse, TNO | Use case on store and forward – emergency report relaying | Agreed | *Revision of S1-230288.*  *Revision of S1-230452.*  Revision of S1-230459.  Editors note FFS to PR#1. |
| Cont | [S1-230289](https://365tno-my.sharepoint.com/personal/toon_norp_tno_nl/Documents/Documents/Local%203GPP%20copy/SA1%23100/docs/S1-230289.zip) | NOVAMINT, GateHouse, TNO | Use case on store and forward – emergency pass-through for UE to UE communication | Revised to S1-230460 |  |
| Cont | [S1-230460](file:///E:\TSGS1_101_Athens\docs\S1-230460.zip) | NOVAMINT, GateHouse, TNO | Use case on store and forward – emergency pass-through for UE to UE communication | Revised to S1-230672 | Revision of S1-230289. |
| Cont | [S1-230672](file:///E:\TSGS1_101_Athens\docs\S1-230672.zip) | NOVAMINT, GateHouse, TNO | Use case on store and forward – emergency pass-through for UE to UE communication | Withdrawn | *Revision of S1-230289.*  Revision of S1-230460. |
| Former Use cases Updates | | | | | |
| Cont | [S1-230057](https://365tno-my.sharepoint.com/personal/toon_norp_tno_nl/Documents/Documents/Local%203GPP%20copy/SA1%23100/docs/S1-230057.zip) | Nokia | Updates in use case 5.1 to align service flows and potential new requirements | Revised to S1-230455 |  |
| Cont | [S1-230455](https://365tno-my.sharepoint.com/personal/toon_norp_tno_nl/Documents/Documents/Local%203GPP%20copy/docs/S1-230455.zip) | Nokia | Updates in use case 5.1 to align service flows and potential new requirements | Revised to S1-230467 | Revision of S1-230057. |
| Cont | [S1-230467](file:///E:\TSGS1_101_Athens\docs\S1-230467.zip) | Nokia | Updates in use case 5.1 to align service flows and potential new requirements | Revised to S1-230673 | *Revision of S1-230057.*  Revision of S1-230455. |
| Cont | [S1-230673](file:///E:\TSGS1_101_Athens\docs\S1-230673.zip) | Nokia | Updates in use case 5.1 to align service flows and potential new requirements | Agreed | *Revision of S1-230057.*  *Revision of S1-230455.*  Revision of S1-230467.  Editors note FFS for Req#6 |
| Cont | [S1-230058](https://365tno-my.sharepoint.com/personal/toon_norp_tno_nl/Documents/Documents/Local%203GPP%20copy/SA1%23100/docs/S1-230058.zip) | Nokia | Updates in use case 5.2 to align service flows and potential new requirements | Revised to S1-230456 |  |
| Cont | [S1-230456](https://365tno-my.sharepoint.com/personal/toon_norp_tno_nl/Documents/Documents/Local%203GPP%20copy/docs/S1-230456.zip) | Nokia | Updates in use case 5.2 to align service flows and potential new requirements | Revised to S1-230466 | Revision of S1-230058. |
| Cont | [S1-230466](https://365tno-my.sharepoint.com/personal/toon_norp_tno_nl/Documents/Documents/Local%203GPP%20copy/docs/S1-230466.zip) | Nokia | Updates in use case 5.2 to align service flows and potential new requirements | Revised to S1-230468 | *Revision of S1-230058.*  Revision of S1-230456. |
| Cont | [S1-230468](file:///E:\TSGS1_101_Athens\docs\S1-230468.zip) | Nokia | Updates in use case 5.2 to align service flows and potential new requirements | Revised to S1-230674 | *Revision of S1-230058.*  *Revision of S1-230456.*  Revision of S1-230466. |
| Cont | [S1-230674](file:///E:\TSGS1_101_Athens\docs\S1-230674.zip) | Nokia | Updates in use case 5.2 to align service flows and potential new requirements | Agreed | *Revision of S1-230058.*  *Revision of S1-230456.*  *Revision of S1-230466.*  Revision of S1-230468.  Editors note FFS for Req#5 |
| Cont | [S1-230137](https://365tno-my.sharepoint.com/personal/toon_norp_tno_nl/Documents/Documents/Local%203GPP%20copy/SA1%23100/docs/S1-230137.zip) | NOVAMINT, TNO | Update of 5.2 | Merged into S1-230456 |  |
| Cont | [S1-230138](https://365tno-my.sharepoint.com/personal/toon_norp_tno_nl/Documents/Documents/Local%203GPP%20copy/SA1%23100/docs/S1-230138.zip) | NOVAMINT, TNO | Update of 5.3 | Revised to S1-230469 |  |
| Cont | [S1-230469](https://365tno-my.sharepoint.com/personal/toon_norp_tno_nl/Documents/Documents/Local%203GPP%20copy/docs/S1-230469.zip) | NOVAMINT, TNO | Update of 5.3 | Agreed | Revision of S1-230138. |
| Cont | [S1-230139](https://365tno-my.sharepoint.com/personal/toon_norp_tno_nl/Documents/Documents/Local%203GPP%20copy/SA1%23100/docs/S1-230139.zip) | NOVAMINT, TNO | Update of 5.4 | Agreed |  |
| Cont | [S1-230140](https://365tno-my.sharepoint.com/personal/toon_norp_tno_nl/Documents/Documents/Local%203GPP%20copy/SA1%23100/docs/S1-230140.zip) | NOVAMINT, TNO | Update of 5.5 | Revised to S1-230470 |  |
| Cont | [S1-230470](https://365tno-my.sharepoint.com/personal/toon_norp_tno_nl/Documents/Documents/Local%203GPP%20copy/docs/S1-230470.zip) | NOVAMINT, TNO | Update of 5.5 | Agreed | Revision of S1-230140.  Remove the word services from LAN services |
| Cont | [S1-230150](https://365tno-my.sharepoint.com/personal/toon_norp_tno_nl/Documents/Documents/Local%203GPP%20copy/SA1%23100/docs/S1-230150.zip) | CATT | pCR on updates of clause 5.5 | Revised to S1-230471 |  |
| Cont | [S1-230471](https://365tno-my.sharepoint.com/personal/toon_norp_tno_nl/Documents/Documents/Local%203GPP%20copy/docs/S1-230471.zip) | CATT | pCR on updates of clause 5.5 | Revised to S1-230656 | Revision of S1-230150.  As on the photo |
| Cont | [S1-230656](file:///E:\TSGS1_101_Athens\docs\S1-230656.zip) | CATT | pCR on updates of clause 5.5 | Agreed | *Revision of S1-230150.*  *As on the photo*  Revision of S1-230471. |
| Cont | [S1-230141](https://365tno-my.sharepoint.com/personal/toon_norp_tno_nl/Documents/Documents/Local%203GPP%20copy/SA1%23100/docs/S1-230141.zip) | NOVAMINT, TNO | Update of 5.7 | Agreed |  |
| Cont | [S1-230143](https://365tno-my.sharepoint.com/personal/toon_norp_tno_nl/Documents/Documents/Local%203GPP%20copy/SA1%23100/docs/S1-230143.zip) | NOVAMINT, TNO | Update of 5.8 | Revised to S1-230472 |  |
| Cont | [S1-230472](https://365tno-my.sharepoint.com/personal/toon_norp_tno_nl/Documents/Documents/Local%203GPP%20copy/docs/S1-230472.zip) | NOVAMINT, TNO | Update of 5.8 | Agreed | Revision of S1-230143.  As on photo |
| Cont | [S1-230151](https://365tno-my.sharepoint.com/personal/toon_norp_tno_nl/Documents/Documents/Local%203GPP%20copy/SA1%23100/docs/S1-230151.zip) | CATT, China Telecom | pCR on updates of clause 5.10 | Revised to S1-230473 |  |
| Cont | [S1-230473](file:///E:\TSGS1_101_Athens\docs\S1-230473.zip) | CATT, China Telecom | pCR on updates of clause 5.10 | Revised to S1-230675 | Revision of S1-230151. |
| Cont | [S1-230675](file:///E:\TSGS1_101_Athens\docs\S1-230675.zip) | CATT, China Telecom | pCR on updates of clause 5.10 | Revised to S1-230785 | *Revision of S1-230151.*  Revision of S1-230473. |
| Cont | [S1-230785](docs\S1-230785.zip) | CATT, China Telecom | pCR on updates of clause 5.10 | Agreed | *Revision of S1-230151.*  *Revision of S1-230473.*  Revision of S1-230675.  Remove sentence fromsection 5  *The 5G system shall be able to support a UE using simultaneous indirect and direct network connection mode.*  No presentation |
| Cont | [S1-230166](https://365tno-my.sharepoint.com/personal/toon_norp_tno_nl/Documents/Documents/Local%203GPP%20copy/SA1%23100/docs/S1-230166.zip) | China Telecom | Pseudo-CR on updates to clause 5.12 | Revised to S1-230474 |  |
| Cont | [S1-230474](file:///E:\TSGS1_101_Athens\docs\S1-230474.zip) | China Telecom | Pseudo-CR on updates to clause 5.12 | Revised to S1-230676 | Revision of S1-230166. |
| Cont | [S1-230676](file:///E:\TSGS1_101_Athens\docs\S1-230676.zip) | China Telecom | Pseudo-CR on updates to clause 5.12 | Agreed | *Revision of S1-230166.*  Revision of S1-230474.  [PR 5.7.6-002] The 5G system with satellite access shall be able to support positioning services and to provide information to a UE on delivered performance of positioning services. |
| Consolidation & Others | | | | | |
| Cont | [S1-230193](file:///E:\TSGS1_101_Athens\docs\S1-230193.zip) | Huawei | Discussion on consolidation | Noted |  |
| FS\_5GSAT\_Ph3Output | | | | | |
| Cont | [S1-230803](docs\S1-230803.zip) | Rapporteur (NOVAMINT) | Cover sheet of the TR22.865 for information | Agreed |  |
| TR | [S1-230728](file:///E:\TSGS1_101_Athens\docs\S1-230728.zip) | Rapporteur (NOVAMINT) | TR 22.865v0.3.0 Study on Satellite Access –  Phase 3 | Revised to S1-230802 | First draft by Monday 27th  23:00 UTC  Comments till Thursday 2nd 23:00 UTC  Final version by Friday 3rd 23:00 UTC |
| TR | [S1-230802](docs\S1-230802.zip) | Rapporteur (NOVAMINT) | TR 22.865v0.3.0 Study on Satellite Access –  Phase 3 | Agreed | *First draft by Monday 27th  23:00 UTC*  *Comments till Thursday 2nd 23:00 UTC*  *Final version by Friday 3rd 23:00 UTC*  Revision of S1-230728.  No presentation |
| 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: [TR22.843v0.2.0](https://www.3gpp.org/ftp/Specs/archive/22_series/22.843/22843-020.zip)  Target completion date: SA#100 (06/2023)  Percentage completion: 45% | | | | | |
| New Use Cases | | | | | |
| Cont | [S1-230010](file:///E:\TSGS1_101_Athens\docs\S1-230010.zip) | InterDigital | New use case on UAV flight route tracking at Rendezvous points | Revised to S1-230357 |  |
| Cont | [S1-230357](file:///E:\TSGS1_101_Athens\docs\S1-230357.zip) | InterDigital | New use case on UAV flight route tracking at Rendezvous points | Agreed | Revision of S1-230010. |
| Cont | [S1-230157](file:///E:\TSGS1_101_Athens\docs\S1-230157.zip) | Qualcomm | Use case on different UAV traffic over two networks | Revised to S1-230358 |  |
| Cont | [S1-230358](file:///E:\TSGS1_101_Athens\docs\S1-230358.zip) | Qualcomm | Use case on different UAV traffic over two networks | Withdrawn | Revision of S1-230157. |
| Cont | [S1-230158](file:///E:\TSGS1_101_Athens\docs\S1-230158.zip) | Qualcomm | Use case on UAV traffic over alternative NWs | Revised to S1-230359 |  |
| Cont | [S1-230359](file:///E:\TSGS1_101_Athens\docs\S1-230359.zip) | Qualcomm | Use case on UAV traffic over alternative NWs | Noted | Revision of S1-230158. |
| Cont | [S1-230196](file:///E:\TSGS1_101_Athens\docs\S1-230196.zip) | IIT Bombay | Use case on relay node onboard UAV, mobility between Terrestrial and Satellite access networks | Withdrawn |  |
| Cont | [S1-230218](file:///E:\TSGS1_101_Athens\docs\S1-230218.zip) | China Mobile | pCR on New use case on supporting USS UTM relocation | Revised to S1-230371 |  |
| Cont | [S1-230371](file:///E:\TSGS1_101_Athens\docs\S1-230371.zip) | China Mobile | pCR on New use case on supporting USS UTM relocation | Withdrawn | Revision of S1-230218. |
| Cont | [S1-230219](file:///E:\TSGS1_101_Athens\docs\S1-230219.zip) | China Mobile | New use case: Supporting UAV service differentiation and prioritization | Revised to S1-230370 |  |
| Cont | [S1-230370](file:///E:\TSGS1_101_Athens\inbox\Inbox\S1-230370.zip) | China Mobile | New use case: Supporting UAV service differentiation and prioritization | Revised to S1-230372 | Revision of S1-230219. |
| Cont | [S1-230372](file:///E:\TSGS1_101_Athens\docs\S1-230372.zip) | China Mobile | New use case: Supporting UAV service differentiation and prioritization | Noted | *Revision of S1-230219.*  Revision of S1-230370. |
| Former Use cases Updates | | | | | |
| Cont | [S1-230068](file:///E:\TSGS1_101_Athens\docs\S1-230068.zip) | Nokia, Nokia Shanghai Bell | Update on UTM pre-/in-flight operation support | Revised to S1-230373 |  |
| Cont | [S1-230373](file:///E:\TSGS1_101_Athens\docs\S1-230373.zip) | Nokia, Nokia Shanghai Bell | Update on UTM pre-/in-flight operation support | Revised to S1-230584 | Revision of S1-230068. |
| Cont | [S1-230584](file:///E:\TSGS1_101_Athens\docs\S1-230584.zip) | Nokia, Nokia Shanghai Bell | Update on UTM pre-/in-flight operation support | Revised to S1-230786 | *Revision of S1-230068.*  Revision of S1-230373. |
| Cont | [S1-230786](docs\S1-230786.zip) | Nokia, Nokia Shanghai Bell | Update on UTM pre-/in-flight operation support | Agreed | *Revision of S1-230068.*  *Revision of S1-230373.*  Revision of S1-230584.  Remove changes on changes |
| Cont | [S1-230159](file:///E:\TSGS1_101_Athens\docs\S1-230159.zip) | Qualcomm | Clarifications to use case 5.4 | Revised to S1-230360 | Merged with 0217 |
| Cont | [S1-230360](file:///E:\TSGS1_101_Athens\docs\S1-190360.zip) | Qualcomm | Clarifications to use case 5.4 | Revised to S1-230378 | *Merged with 0217*  Revision of S1-230159. |
| Cont | [S1-230378](file:///E:\TSGS1_101_Athens\docs\S1-230378.zip) | Qualcomm | Clarifications to use case 5.4 | Revised to S1-230585 | *Merged with 0217*  *Revision of S1-230159.*  Revision of S1-230360. |
| Cont | [S1-230585](file:///E:\TSGS1_101_Athens\docs\S1-230585.zip) | Qualcomm | Clarifications to use case 5.4 | Noted | *Merged with 0217*  *Revision of S1-230159.*  *Revision of S1-230360.*  Revision of S1-230378. |
| Cont | [S1-230217](file:///E:\TSGS1_101_Athens\docs\S1-230217.zip) | China Mobile | pCR on updates on use case for network-assisted UAV DAA | Withdrawn |  |
| Cont | [S1-230250](file:///E:\TSGS1_101_Athens\docs\S1-230250.zip) | Orange | Update of the use case “Geofencing for Visual Line-of-Sight UAV missions” | Revised to S1-230374 |  |
| Cont | [S1-230374](file:///E:\TSGS1_101_Athens\docs\S1-230374.zip) | Orange | Update of the use case “Geofencing for Visual Line-of-Sight UAV missions” | Revised to S1-230586 | Revision of S1-230250. |
| Cont | [S1-230586](file:///E:\TSGS1_101_Athens\docs\S1-230586.zip) | Orange | Update of the use case “Geofencing for Visual Line-of-Sight UAV missions” | Revised to S1-230787 | *Revision of S1-230250.*  Revision of S1-230374. |
| Cont | [S1-230787](docs\S1-230787.zip) | Orange | Update of the use case “Geofencing for Visual Line-of-Sight UAV missions” | Agreed | *Revision of S1-230250.*  *Revision of S1-230374.*  Revision of S1-230586.  Remove req#3 and keep editors note in req#2. |
| Cont | [S1-230274](file:///E:\TSGS1_101_Athens\docs\S1-230274.zip) | Deutsche Telekom | pCR on updating use case 5.2 Supporting UAV flight preparation | Revised to S1-230375 | Discuss the #274 right after the #068 |
| Cont | [S1-230375](file:///E:\TSGS1_101_Athens\docs\S1-190375.zip) | Deutsche Telekom | pCR on updating use case 5.2 Supporting UAV flight preparation | Revised to S1-230379 | *Discuss the #274 right after the #068*  Revision of S1-230274. |
| Cont | [S1-230379](file:///E:\TSGS1_101_Athens\docs\S1-230379.zip) | Deutsche Telekom | pCR on updating use case 5.2 Supporting UAV flight preparation | Revised to S1-230778 | *Discuss the #274 right after the #068*  *Revision of S1-230274.*  Revision of S1-230375. |
| Cont | [S1-230778](docs\S1-230778.zip) | Deutsche Telekom | pCR on updating use case 5.2 Supporting UAV flight preparation | Noted | *Discuss the #274 right after the #068*  *Revision of S1-230274.*  *Revision of S1-230375.*  Revision of S1-230379. |
| Consolidation & Others | | | | | |
| Cont | [S1-230300](file:///E:\TSGS1_101_Athens\docs\S1-230300.zip) | InterDigital | Proposed consolidated requirements for UAV Phase 3 | Revised to S1-230376 |  |
| Cont | [S1-230376](file:///E:\TSGS1_101_Athens\docs\S1-230376.zip) | InterDigital | Proposed consolidated requirements for UAV Phase 3 | Noted | Revision of S1-230300. |
| FS\_UAV\_Ph3 Output | | | | | |
| Cont | [S1-230220](file:///E:\TSGS1_101_Athens\docs\S1-230220.zip) | China Mobile | TR 22843 coversheet for SA information | Revised to S1-230377 |  |
| Cont | [S1-230377](file:///E:\TSGS1_101_Athens\docs\S1-230377.zip) | China Mobile | TR 22843 coversheet for SA information | Revised to S1-230804 | Revision of S1-230220. |
| Cont | [S1-230804](docs\S1-230804.zip) | China Mobile | TR 22843 coversheet for SA information | Agreed | *Revision of S1-230220.*  Revision of S1-230377. |
| TR | [S1-230729](file:///E:\TSGS1_101_Athens\docs\S1-230729.zip) | Rapporteur (China Mobile) | TR 22.843v0.3.0 Study on UAV Phase 3 | Agreed | First draft by Monday 27th  23:00 UTC  Comments till Thursday 2nd 23:00 UTC  Final version by Friday 3rd 23:00 UTC  No presentation |
| 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: [TR22.841v0.2.0](https://www.3gpp.org/ftp/Specs/archive/22_series/22.841/22841-020.zip)  Target completion date: SA#100 (06/2023)  Percentage completion: 60% | | | | | |
| General | | | | | |
| Cont | [S1-230155](https://365tno-my.sharepoint.com/personal/toon_norp_tno_nl/Documents/Documents/Local%203GPP%20copy/SA1%23100/docs/S1-230155.zip) | Qualcomm | Overview section | Revised to S1-230453 |  |
| Cont | [S1-230453](file:///E:\TSGS1_101_Athens\docs\S1-230453.zip) | Qualcomm | Overview section | Revised to S1-230478 | Revision of S1-230155. |
| Cont | [S1-230478](file:///E:\TSGS1_101_Athens\docs\S1-230478.zip) | Qualcomm | Overview section | Agreed | *Revision of S1-230155.*  Revision of S1-230453.  Same as 453 |
| New Use Cases | | | | | |
| Cont | [S1-230021](https://365tno-my.sharepoint.com/personal/toon_norp_tno_nl/Documents/Documents/Local%203GPP%20copy/SA1%23100/docs/S1-230021.zip) | InterDigital, Qualcomm, Charter Communications, Lockheed Martin, Futurewei | New use case on Inter-PLMN scenario - TN and multiple NTN | Revised to S1-230461 |  |
| Cont | [S1-230461](https://365tno-my.sharepoint.com/personal/toon_norp_tno_nl/Documents/Documents/Local%203GPP%20copy/docs/S1-230461.zip) | InterDigital, Qualcomm, Charter Communications, Lockheed Martin, Futurewei | New use case on Inter-PLMN scenario - TN and multiple NTN | Revised to S1-230479 | Revision of S1-230021. |
| Cont | [S1-230479](https://365tno-my.sharepoint.com/personal/toon_norp_tno_nl/Documents/Documents/Local%203GPP%20copy/docs/S1-230479.zip) | InterDigital, Qualcomm, Charter Communications, Lockheed Martin, Futurewei | New use case on Inter-PLMN scenario - TN and multiple NTN | Revised to S1-230481 | *Revision of S1-230021.*  Revision of S1-230461. |
| Cont | [S1-230481](file:///E:\TSGS1_101_Athens\docs\S1-230481.zip) | InterDigital, Qualcomm, Charter Communications, Lockheed Martin, Futurewei | New use case on Inter-PLMN scenario - TN and multiple NTN | Agreed | *Revision of S1-230021.*  *Revision of S1-230461.*  Revision of S1-230479. |
| Cont | [S1-230025](https://365tno-my.sharepoint.com/personal/toon_norp_tno_nl/Documents/Documents/Local%203GPP%20copy/SA1%23100/docs/S1-230025.zip) | NEC | New use case on access to local NPN services in inter (S)NPN-PLMN scenario | Revised to S1-230462 |  |
| Cont | [S1-230462](https://365tno-my.sharepoint.com/personal/toon_norp_tno_nl/Documents/Documents/Local%203GPP%20copy/docs/S1-230462.zip) | NEC | New use case on access to local NPN services in inter (S)NPN-PLMN scenario | Revised to S1-230480 | Revision of S1-230025. |
| Cont | [S1-230480](file:///E:\TSGS1_101_Athens\docs\S1-230480.zip) | NEC | New use case on access to local NPN services in inter (S)NPN-PLMN scenario | Revised to S1-230571 | *Revision of S1-230025.*  Revision of S1-230462. |
| Cont | [S1-230571](file:///E:\TSGS1_101_Athens\docs\S1-230571.zip) | NEC | New use case on access to local NPN services in inter (S)NPN-PLMN scenario | Revised to S1-230588 | *Revision of S1-230025.*  *Revision of S1-230462.*  Revision of S1-230480. |
| Cont | [S1-230588](file:///E:\TSGS1_101_Athens\docs\S1-230588.zip) | NEC | New use case on access to local NPN services in inter (S)NPN-PLMN scenario | Agreed | *Revision of S1-230025.*  *Revision of S1-230462.*  *Revision of S1-230480.*  Revision of S1-230571.  No brackets in source companies, in req ”assuming the UE has a subscription with PNI-NPN.” |
| Cont | [S1-230027](https://365tno-my.sharepoint.com/personal/toon_norp_tno_nl/Documents/Documents/Local%203GPP%20copy/SA1%23100/docs/S1-230027.zip) | NEC | New use case on a group of devices in intra-(S)NPN scenario | Revised to S1-230463 |  |
| Cont | [S1-230463](https://365tno-my.sharepoint.com/personal/toon_norp_tno_nl/Documents/Documents/Local%203GPP%20copy/docs/S1-230463.zip) | NEC | New use case on a group of devices in intra-(S)NPN scenario | Withdrawn | Revision of S1-230027. |
| Cont | [S1-230028](https://365tno-my.sharepoint.com/personal/toon_norp_tno_nl/Documents/Documents/Local%203GPP%20copy/SA1%23100/docs/S1-230028.zip) | NEC | New use case on a group of devices accessing local NPN services in inter (S)NPN–PLMN scenario | Revised to S1-230464 |  |
| Cont | [S1-230464](https://365tno-my.sharepoint.com/personal/toon_norp_tno_nl/Documents/Documents/Local%203GPP%20copy/docs/S1-230464.zip) | NEC | New use case on a group of devices accessing local NPN services in inter (S)NPN–PLMN scenario | Revised to S1-230661 | Revision of S1-230028. |
| Cont | [S1-230661](file:///E:\TSGS1_101_Athens\docs\S1-230661.zip) | NEC | New use case on a group of devices accessing local NPN services in inter (S)NPN–PLMN scenario | Revised to S1-230677 | *Revision of S1-230028.*  Revision of S1-230464. |
| Cont | [S1-230677](file:///E:\TSGS1_101_Athens\docs\S1-230677.zip) | NEC | New use case on a group of devices accessing local NPN services in inter (S)NPN–PLMN scenario | Agreed | *Revision of S1-230028.*  *Revision of S1-230464.*  Revision of S1-230661. |
| Cont | [S1-230199](https://365tno-my.sharepoint.com/personal/toon_norp_tno_nl/Documents/Documents/Local%203GPP%20copy/SA1%23100/docs/S1-230199.zip) | IIT Bombay | Use case on relay node onboard a UAV, dual steering between Terrestrial and Satellite access networks | Noted |  |
| Cont | [S1-230204](https://365tno-my.sharepoint.com/personal/toon_norp_tno_nl/Documents/Documents/Local%203GPP%20copy/SA1%23100/docs/S1-230204.zip) | IIT Bombay | Use case on dual steering through satellite and terrestrial access networks for AI/ML model transfer | Revised to S1-230465 |  |
| Cont | [S1-230465](https://365tno-my.sharepoint.com/personal/toon_norp_tno_nl/Documents/Documents/Local%203GPP%20copy/docs/S1-230465.zip) | IIT Bombay | Use case on dual steering through satellite and terrestrial access networks for AI/ML model transfer | Withdrawn | Revision of S1-230204. |
| Cont | [S1-230236](https://365tno-my.sharepoint.com/personal/toon_norp_tno_nl/Documents/Documents/Local%203GPP%20copy/SA1%23100/docs/S1-230236.zip) | Lockheed Martin | Use Case on a UAV UE connecting to TN+NTN access networks | Revised to S1-230476 |  |
| Cont | [S1-230476](file:///E:\TSGS1_101_Athens\docs\S1-230476.zip) | Lockheed Martin | Use Case on a UAV UE connecting to TN+NTN access networks | Revised to S1-230678 | Revision of S1-230236. |
| Cont | [S1-230678](file:///E:\TSGS1_101_Athens\docs\S1-230678.zip) | Lockheed Martin | Use Case on a UAV UE connecting to TN+NTN access networks | Revised to S1-230789 | *Revision of S1-230236.*  Revision of S1-230476. |
| Cont | [S1-230789](docs\S1-230789.zip) | Lockheed Martin | Use Case on a UAV UE connecting to TN+NTN access networks | Agreed | *Revision of S1-230236.*  *Revision of S1-230476.*  Revision of S1-230678.  Req 1 ends " reporting to UE’s HPLMN.” |
| Cont | [S1-230243](https://365tno-my.sharepoint.com/personal/toon_norp_tno_nl/Documents/Documents/Local%203GPP%20copy/SA1%23100/docs/S1-230243.zip) | Lockheed Martin | FS\_DualSteer Use Case on Vehicle IoT devices dual steering via NTN and TN | Revised to S1-230451 |  |
| Cont | [S1-230451](https://365tno-my.sharepoint.com/personal/toon_norp_tno_nl/Documents/Documents/Local%203GPP%20copy/docs/S1-220451.zip) | Lockheed Martin | FS\_DualSteer Use Case on Vehicle IoT devices dual steering via NTN and TN | Revised to S1-230477 | Revision of S1-230243. |
| Cont | [S1-230477](file:///E:\TSGS1_101_Athens\docs\S1-230477.zip) | Lockheed Martin | FS\_DualSteer Use Case on Vehicle IoT devices dual steering via NTN and TN | Revised to S1-230681 | *Revision of S1-230243.*  Revision of S1-230451. |
| Cont | [S1-230681](file:///E:\TSGS1_101_Athens\docs\S1-230681.zip) | Lockheed Martin | FS\_DualSteer Use Case on Vehicle IoT devices dual steering via NTN and TN | Revised to S1-230788 | *Revision of S1-230243.*  *Revision of S1-230451.*  Revision of S1-230477. |
| Cont | [S1-230788](docs\S1-230788.zip) | Lockheed Martin | FS\_DualSteer Use Case on Vehicle IoT devices dual steering via NTN and TN | Agreed | *Revision of S1-230243.*  *Revision of S1-230451.*  *Revision of S1-230477.*  Revision of S1-230681.  Req#1 [PR 5.x.6-001] Based on network providers agreed data routing policies, the 5G system shall be able to support mechanisms to allow splitting, steering and switching of IoT devices data traffic (of the same data session), which is anchored in the 5GC in the HPLMN, across two access networks e.g. NTN and TN. |
| Consolidation & Others | | | | | |
| Cont | [S1-230156](file:///E:\TSGS1_101_Athens\docs\S1-230156.zip) | Qualcomm | Initial consolidation proposal | Noted |  |
| Cont | S1-230014 | Lockheed Martin | FS\_DualSteer Use Case on a UAV UE connecting to TN+NTN access | Withdrawn |  |
| Cont | S1-230015 | Lockheed Martin | FS\_DualSteer Use Case on Vehicle UE dualsteering via Satellite and TN gNB | Withdrawn |  |
| FS\_DualSteer Output | | | | | |
| Cont | [S1-230730](file:///E:\TSGS1_101_Athens\docs\S1-230730.zip) | Rapporteur (Qualcomm) | TR 22841 coversheet for SA information | Agreed | Revision of S1-230220. |
| TR | [S1-230731](file:///E:\TSGS1_101_Athens\docs\S1-230731.zip) | Rapporteur (Qualcomm) | TR 22.841v0.3.0 Study on Upper layer traffic steering, switching and split over dual 3GPP access | Agreed | First draft by Monday 27th  23:00 UTC  Comments till Thursday 2nd 23:00 UTC  Final version by Friday 3rd 23:00 UTC |
| FS\_EnergyServ: Study on Energy Efficiency as service criteria [[SP-220446](https://www.3gpp.org/ftp/tsg_sa/TSG_SA/TSGS_96_Budapest_2022_06/Docs/SP-220446.zip)] | | | | | |
| **Work status prior to this meeting:**  Rapporteur: Xiaonan Shi, (China Mobile)  Latest version: [TR22.882v0.2.0](https://www.3gpp.org/ftp/Specs/archive/22_series/22.882/22882-020.zip)  Target completion date: SA#99 (13/2023)  Percentage completion: 40% | | | | | |
| General | | | | | |
| Cont | [S1-230061](file:///E:\TSGS1_101_Athens\docs\S1-230061.zip) | Nokia, Nokia Shanghai Bell | Clarifications on energy efficiency modes | Agreed |  |
| Cont | [S1-230062](file:///E:\TSGS1_101_Athens\docs\S1-230062.zip) | Nokia, Nokia Shanghai Bell | Editorial fixes on full TR (english wording) | Revised to S1-230326 |  |
| Cont | [S1-230326](file:///E:\TSGS1_101_Athens\docs\S1-230326.zip) | Nokia, Nokia Shanghai Bell | Editorial fixes on full TR (english wording) | Revised to S1-230418 | Revision of S1-230062. |
| Cont | [S1-230418](file:///E:\TSGS1_101_Athens\docs\S1-230418.zip) | Nokia, Nokia Shanghai Bell | Editorial fixes on full TR (english wording) | Agreed | *Revision of S1-230062.*  Revision of S1-230326.  Revert from System to Network |
| Cont | [S1-230188](file:///E:\TSGS1_101_Athens\docs\S1-230188.zip) | China Mobile | pCR on TR 22.882 clean-up | Noted |  |
| New Use Cases | | | | | |
| Cont | [S1-230101](file:///E:\TSGS1_101_Athens\docs\S1-230101.zip) | ZTE Corporation. China Mobile | new UC: Energy usage information exposure considering QoS | Revised to S1-230419 |  |
| Cont | [S1-230419](file:///E:\TSGS1_101_Athens\docs\S1-230419.zip) | ZTE Corporation. China Mobile | new UC: Energy usage information exposure considering QoS | Revised to S1-230790 | Revision of S1-230101. |
| Cont | [S1-230790](docs\S1-230790.zip) | ZTE Corporation. China Mobile | new UC: Energy usage information exposure considering QoS | Agreed | *Revision of S1-230101.*  Revision of S1-230419.  Editors Note: both reqs are FFS. Correct format for the Note in the req. |
| Cont | [S1-230160](file:///E:\TSGS1_101_Athens\docs\S1-230160.zip) | TOYOTA M | A new use case on the information exposure of renewable energy | Revised to S1-230420 |  |
| Cont | [S1-230420](file:///E:\TSGS1_101_Athens\docs\S1-230420.zip) | TOYOTA M | A new use case on the information exposure of renewable energy | Noted | Revision of S1-230160. |
| Cont | [S1-230185](file:///E:\TSGS1_101_Athens\docs\S1-230185.zip) | China Mobile, ZTE | pCR EnergyServ use case of supporting service-level energy efficiency analysis for verticals | Revised to S1-230422 |  |
| Cont | [S1-230422](file:///E:\TSGS1_101_Athens\docs\S1-230422.zip) | China Mobile, ZTE | pCR EnergyServ use case of supporting service-level energy efficiency analysis for verticals | Revised to S1-230680 | Revision of S1-230185. |
| Cont | [S1-230680](file:///E:\TSGS1_101_Athens\docs\S1-230680.zip) | China Mobile, ZTE | pCR EnergyServ use case of supporting service-level energy efficiency analysis for verticals | Agreed | *Revision of S1-230185.*  Revision of S1-230422.  Req is FFS |
| Cont | [S1-230186](file:///E:\TSGS1_101_Athens\docs\S1-230186.zip) | China Mobile, ZTE | pCR EnergyServ use case of Energy utilization of network management fault resolution | Revised to S1-230423 |  |
| Cont | [S1-230423](file:///E:\TSGS1_101_Athens\docs\S1-230423.zip) | China Mobile, ZTE | pCR EnergyServ use case of Energy utilization of network management fault resolution | Noted | Revision of S1-230186. |
| Cont | [S1-230200](file:///E:\TSGS1_101_Athens\docs\S1-230200.zip) | IIT Bombay | Energy utilization as service criteria for UE-initiated procedures | Revised to S1-230424 |  |
| Cont | S1-230424 | IIT Bombay | Energy utilization as service criteria for UE-initiated procedures | Withdrawn | Revision of S1-230200. |
| Cont | [S1-230202](file:///E:\TSGS1_101_Athens\docs\S1-230202.zip) | IIT Bombay | Energy utilization as service criteria for areas having affordability and energy availability constraints | Noted |  |
| Cont | S1-230249 | Lenovo | new UC: Application energy efficiency monitoring | Revised to S1-230442 |  |
| Cont | [S1-230442](file:///E:\TSGS1_101_Athens\docs\S1-230442.zip) | Lenovo | new UC: Application energy efficiency monitoring | Revised to S1-230791 | Revision of S1-230249. |
| Cont | [S1-230791](docs\S1-230791.zip) | Lenovo | new UC: Application energy efficiency monitoring | Agreed | *Revision of S1-230249.*  Revision of S1-230442.  Edtiors note: both reqs are for FFS |
| Cont | [S1-230260](file:///E:\TSGS1_101_Athens\docs\S1-230260.zip) | Rakuten | New use case on Renewable Energy Usage Information Exposure | Revised to S1-230421 |  |
| Cont | [S1-230421](file:///E:\TSGS1_101_Athens\docs\S1-230421.zip) | Rakuten | New use case on Renewable Energy Usage Information Exposure | Revised to S1-230683 | Revision of S1-230260. |
| Cont | [S1-230683](file:///E:\TSGS1_101_Athens\docs\S1-230683.zip) | Rakuten | New use case on Renewable Energy Usage Information Exposure | Revised to S1-230748 | *Revision of S1-230260.*  Revision of S1-230421. |
| Cont | [S1-230748](docs\S1-230748.zip) | Rakuten | New use case on Renewable Energy Usage Information Exposure | Revised to S1-230792 | *Revision of S1-230260.*  *Revision of S1-230421.*  Revision of S1-230683. |
| Cont | [S1-230792](docs\S1-230792.zip) | Rakuten | New use case on Renewable Energy Usage Information Exposure | Agreed | *Revision of S1-230260.*  *Revision of S1-230421.*  *Revision of S1-230683.*  Revision of S1-230748.  [PR.5.x.6-1] Subject to operator’s policy, the 5G system shall be able to provide to a 3rd party a dedicated NPN or a network slice that operates above a minimum ratio of renewable energy.  NOTE 1: This requirement does not imply that the 5G system will actively monitor the dedicated resources.  Editors note: this requirements it FFS  Req, 2 provide to a 3rd party |
| Cont | [S1-230282](file:///E:\TSGS1_101_Athens\docs\S1-230282.zip) | MediaTek | A new use case on supporting carbon-aware communication systems | Revised to S1-230441 |  |
| Cont | [S1-230441](file:///E:\TSGS1_101_Athens\docs\S1-230441.zip) | MediaTek | A new use case on supporting carbon-aware communication systems | Withdrawn | Revision of S1-230282. |
| Cont | [S1-230283](file:///E:\TSGS1_101_Athens\docs\S1-230283.zip) | MediaTek | A new use case on supporting carbon-aware communication service | Revised to S1-230443 |  |
| Cont | [S1-230443](file:///E:\TSGS1_101_Athens\docs\S1-230443.zip) | MediaTek | A new use case on supporting carbon-aware communication service | Revised to S1-230684 | Revision of S1-230283. |
| Cont | [S1-230684](file:///E:\TSGS1_101_Athens\docs\S1-230684.zip) | MediaTek | A new use case on supporting carbon-aware communication service | Revised to S1-230793 | *Revision of S1-230283.*  Revision of S1-230443. |
| Cont | [S1-230793](docs\S1-230793.zip) | MediaTek | A new use case on supporting carbon-aware communication service | Agreed | *Revision of S1-230283.*  *Revision of S1-230443.*  Revision of S1-230684.  NOTE 2: The granularity of reporting (e.g., per month) is not discussed in this study. |
| Cont | [S1-230284](file:///E:\TSGS1_101_Athens\docs\S1-230284.zip) | MediaTek | A new use case on supporting carbon-aware application service | Revised to S1-230444 |  |
| Cont | [S1-230444](file:///E:\TSGS1_101_Athens\docs\S1-230444.zip) | MediaTek | A new use case on supporting carbon-aware application service | Revised to S1-230449 | Revision of S1-230284. |
| Cont | [S1-230449](file:///E:\TSGS1_101_Athens\docs\S1-230449.zip) | MediaTek | A new use case on supporting carbon-aware application service | Withdrawn | *Revision of S1-230284.*  Revision of S1-230444. |
| Former Use cases Updates | | | | | |
| Cont | S1-230063 | Nokia, Nokia Shanghai Bell | Update to NPN use case to expose EE | Revised to S1-230445 |  |
| Cont | [S1-230445](file:///E:\TSGS1_101_Athens\docs\S1-230445.zip) | Nokia, Nokia Shanghai Bell | Update to NPN use case to expose EE | Agreed | Revision of S1-230063. |
| Cont | S1-230280 | Samsung | Pseudo-CR Update of 22.882, 5.1 | Revised to S1-230446 |  |
| Cont | [S1-230446](file:///E:\TSGS1_101_Athens\docs\S1-230446.zip) | Samsung | Pseudo-CR Update of 22.882, 5.1 | Revised to S1-230685 | Revision of S1-230280. |
| Cont | [S1-230685](file:///E:\TSGS1_101_Athens\docs\S1-230685.zip) | Samsung | Pseudo-CR Update of 22.882, 5.1 | Agreed | *Revision of S1-230280.*  Revision of S1-230446. |
| Cont | S1-230281 | Samsung | Pseudo-CR Update of 22.882, 5.5 | Revised to S1-230447 |  |
| Cont | [S1-230447](file:///E:\TSGS1_101_Athens\docs\S1-230447.zip) | Samsung | Pseudo-CR Update of 22.882, 5.5 | Revised to S1-230587 | Revision of S1-230281. |
| Cont | [S1-230587](file:///E:\TSGS1_101_Athens\docs\S1-230587.zip) | Samsung | Pseudo-CR Update of 22.882, 5.5 | Revised to S1-230589 | *Revision of S1-230281.*  Revision of S1-230447. |
| Cont | [S1-230589](docs\S1-230589.zip) | Samsung | Pseudo-CR Update of 22.882, 5.5 | Agreed | *Revision of S1-230281.*  *Revision of S1-230447.*  Revision of S1-230587. |
| Consolidation & Others | | | | | |
| Cont | [S1-230187](file:///E:\TSGS1_101_Athens\docs\S1-230187.zip) | China Mobile, Samsung | Consolidation requirements on FS\_EnergyServ | Revised to S1-230448 |  |
| Cont | [S1-230448](file:///E:\TSGS1_101_Athens\docs\S1-230448.zip) | China Mobile, Samsung | Consolidation requirements on FS\_EnergyServ | Noted | Revision of S1-230187. |
| FS\_EnergyServ Output | | | | | |
| Cont | [S1-230189](file:///E:\TSGS1_101_Athens\docs\S1-230189.zip) | China Mobile | TR 22.882 coversheet for SA information | Revised to S1-230805 |  |
| Cont | [S1-230805](docs\S1-230805.zip) | China Mobile | TR 22.882 coversheet for SA information | Agreed | Revision of S1-230189.  Update use case + Requirements involves energy utilization as service criteria, different energy states of network functions and information exposure related to energy usage. |
| TR | [S1-230732](file:///E:\TSGS1_101_Athens\docs\S1-230732.zip) | Rapporteur (China Mobile) | TR 22.882v0.3.0 Study on Energy Efficiency as service criteria | Agreed | First draft by Monday 27th  23:00 UTC  Comments till Thursday 2nd 23:00 UTC  Final version by Friday 3rd 23:00 UTC  No presentation |
| 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: [TR22.916v0.2.0](https://www.3gpp.org/ftp/Specs/archive/22_series/22.916/22916-020.zip)  Target completion date: SA#99 (03/2023)  Percentage completion: 40% | | | | | |
| General | | | | | |
| Cont | [S1-230302](file:///E:\TSGS1_101_Athens\docs\S1-230302.zip) | LG Electronics Inc. | Terminology for SOBOT and General Robotics and Automation Aspects | Revised to S1-230352 |  |
| Cont | [S1-230352](file:///E:\TSGS1_101_Athens\docs\S1-230352.zip) | LG Electronics Inc. | Terminology for SOBOT and General Robotics and Automation Aspects | Agreed | Revision of S1-230302. |
| New Use Cases | | | | | |
| Cont | [S1-230104](file:///E:\TSGS1_101_Athens\docs\S1-230104.zip) | Tencent | New Use Case on Machine-type communication | Revised to S1-230353 |  |
| Cont | [S1-230353](file:///E:\TSGS1_101_Athens\inbox\Inbox\S1-230353.zip) | Tencent | New Use Case on Machine-type communication | Revised to S1-230383 | Revision of S1-230104. |
| Cont | [S1-230383](file:///E:\TSGS1_101_Athens\docs\S1-190383.zip) | Tencent | New Use Case on Machine-type communication | Agreed | *Revision of S1-230104.*  Revision of S1-230353.  No presentation |
| Cont | [S1-230195](file:///E:\TSGS1_101_Athens\docs\S1-230195.zip) | China Telecom | Pseudo-CR on FS\_SOBOT: Patrol robots in CCRC | Revised to S1-230354 |  |
| Cont | [S1-230354](file:///E:\TSGS1_101_Athens\docs\S1-230354.zip) | China Telecom | Pseudo-CR on FS\_SOBOT: Patrol robots in CCRC | Agreed | Revision of S1-230195. |
| Cont | [S1-230285](file:///E:\TSGS1_101_Athens\docs\S1-230285.zip) | Huawei | Pseudo-CR on Real-time conversational robot | Revised to S1-230355 |  |
| Cont | [S1-230355](file:///E:\TSGS1_101_Athens\docs\S1-190355.zip) | Huawei | Pseudo-CR on Real-time conversational robot | Agreed | Revision of S1-230285.  No presentation |
| Cont | [S1-230304](file:///E:\TSGS1_101_Athens\docs\S1-230304.zip) | LG Electronics Inc. | SOBOT Use Case: Smart Communication Support for Data Collection and Fusion Using Multimodal Sensors in Multi-Robot / Multi-Agent Scenarios | Revised to S1-230350 |  |
| Cont | [S1-230350](file:///E:\TSGS1_101_Athens\docs\S1-190350.zip) | LG Electronics Inc. | SOBOT Use Case: Smart Communication Support for Data Collection and Fusion Using Multimodal Sensors in Multi-Robot / Multi-Agent Scenarios | Revised to S1-230356 | Revision of S1-230304. |
| Cont | [S1-230356](file:///E:\TSGS1_101_Athens\docs\S1-230356.zip) | LG Electronics Inc. | SOBOT Use Case: Smart Communication Support for Data Collection and Fusion Using Multimodal Sensors in Multi-Robot / Multi-Agent Scenarios | Agreed | *Revision of S1-230304.*  Revision of S1-230350. |
| Former Use cases Updates | | | | | |
| Cont | [S1-230142](file:///E:\TSGS1_101_Athens\docs\S1-230142.zip) | vivo | update on use case of real-time cooperative safety protection | Revised to S1-230381 |  |
| Cont | [S1-230381](file:///E:\TSGS1_101_Athens\docs\S1-230381.zip) | vivo | update on use case of real-time cooperative safety protection | Revised to S1-230398 | Revision of S1-230142. |
| Cont | [S1-230398](file:///E:\TSGS1_101_Athens\docs\S1-230398.zip) | vivo | update on use case of real-time cooperative safety protection | Agreed | *Revision of S1-230142.*  Revision of S1-230381. |
| Others | | | | | |
| Cont | [S1-230303](file:///E:\TSGS1_101_Athens\docs\S1-230303.zip) | LG Electronics Inc. | Fusion Levels for Robotic Applications Use cases | Revised to S1-230382 |  |
| Cont | [S1-230382](file:///E:\TSGS1_101_Athens\docs\S1-230382.zip) | LG Electronics Inc. | Fusion Levels for Robotic Applications Use cases | Agreed | Revision of S1-230303. |
| FS\_SOBOT Output | | | | | |
| TR | [S1-230733](docs\S1-230733.zip) | Rapporteur (LGE) | TR 22.916v0.3.0 Study on Network of Service Robots with Ambient Intelligence | Agreed | First draft by Monday 27th  23:00 UTC  Comments till Thursday 2nd 23:00 UTC  Final version by Friday 3rd 23:00 UTC  No presentation |
| Other Rel-19 contributions (e.g. CRs to clean studies completed) | | | | | |
| Cont | [S1-230248](file:///E:\TSGS1_101_Athens\docs\S1-230248.zip) | Lenovo, CMCC, InterDigital, Deutsche Telekom, Samsung, Qualcomm | Considerations for application layer service enablement | Noted | Moved from 9 |
| CR | [S1-230252](file:///E:\TSGS1_101_Athens\docs\S1-230252.zip) | Lenovo, CMCC, InterDigital, Deutsche Telekom, Samsung, Qualcomm | 22.261 Scope and definition update for application enablement | Revised to S1-230555 | Moved from 8  WI SMARTER *Rel-19 CR*0679*R- Cat D*  *Wrong WI code, Wrong category* |
| CR | [S1-230555](file:///E:\TSGS1_101_Athens\docs\S1-230555.zip) | Lenovo, CMCC, InterDigital, Deutsche Telekom, Samsung, Qualcomm | 22.261 Scope and definition update for application enablement | Noted | *Moved from 8*  *WI SMARTER Rel-19 CR0679R- Cat D*  *Wrong WI code, Wrong category*  Revision of S1-230252. |
| Other technical contributions | | | | | |
| CR | [S1-230252](file:///E:\TSGS1_101_Athens\Docs\S1-230252.zip) | Lenovo, CMCC, InterDigital, Deutsche Telekom, Samsung, Qualcomm | Scope and definition update for application enablement | Moved to 7.12 | WI SMARTER *Rel-19 CR*0679*R- Cat D* |
| Other non-technical contributions | | | | | |
| Cont | [S1-230248](file:///E:\TSGS1_101_Athens\Docs\S1-230248.zip) | Lenovo, CMCC, InterDigital, Deutsche Telekom, Samsung, Qualcomm | Considerations for application layer service enablement | Moved to 7.12 |  |
| Work Item/Study Item progress | | | | | |
| Session information outputs | | | | | |
| REP | [S1-230700](E:\\TSGS1_101_Athens\\docs\\S1-230700.zip) | Rapporteur / Session Chair | Sensing drafting report | Agreed |  |
| REP | [S1-230701](file:///E:\TSGS1_101_Athens\docs\S1-230701.zip) | Rapporteur / Session Chair | Ambient IoT drafting report | Agreed |  |
| REP | [S1-230702](file:///E:\TSGS1_101_Athens\docs\S1-230702.zip) | Rapporteur / Session Chair | Metaverse + Energy Serv drafting report | Agreed |  |
| REP | [S1-230703](file:///E:\TSGS1_101_Athens\docs\S1-230703.zip) | Rapporteur / Session Chair | NetShare + AIMLPh2 drafting report | Agreed |  |
| REP | [S1-230704](file:///E:\TSGS1_101_Athens\docs\S1-230704.zip) | Rapporteur / Session Chair | DualSteer + 5GSat drafting report | Agreed |  |
| REP | [S1-230705](file:///E:\TSGS1_101_Athens\docs\S1-230705.zip) | Rapporteur / Session Chair | UAV + SOBOT drafting report | Agreed |  |
| Work Item/Study Item status update | | | | | |
| REP | S1-230706 | Deutsche Telekom | FS\_Sensing – Status report | Noted | 80% |
| REP | [S1-230707](docs\S1-230707.zip) | OPPO | FS\_AmbientIoT – Status report | Noted | 80% (Change dates – No sent for approval) |
| REP | S1-230708 | Samsung | FS\_Metaverse – Status report | Noted | 75% |
| REP | [S1-230709](docs\S1-230709.zip) | China Unicom | FS\_NetShare – Status report | Noted | 80% (Change dates – No sent for approval) |
| REP | S1-230710 | UIC | FS\_FRMCS\_Ph3– Status report | Withdrawn | (Planning has not changed – check S1-23XXXX) |
| REP | S1-230711 | OPPO | FS\_AIML\_Ph2– Status report | Noted | 75% |
| REP | S1-230712 | Ericsson | RVAS – Status report | Noted | 100% |
| REP | S1-230713 | Novamint | FS\_ 5GSAT\_Ph3– Status report | Noted | 80% (decided to go for information) |
| REP | S1-230714 | China Mobile | FS\_UAV\_Ph3– Status report | Noted | 65% |
| REP | S1-230715 | Qualcomm | FS\_DualSteer – Status report | Noted | 75% |
| REP | S1-230716 | China Mobile | FS\_EnergieServ – Status report | Noted | 70% |
| REP | S1-230717 | LGE | FS\_SOBOT – Status report | Noted | 70% (changes date- completion in SA#101) |
| REP | S1-230752 | China Mobile | XRMobility– Status report | Noted | 50% |
| REP | S1-230753 | Orange | EDGINDUS – Status report | Noted | 100% |
| REP | S1-230807 | China Mobile | IMSPSDataOff – Status report | Noted | 100% |
| Next meetings (calendar) | | | | | |
| **2023 meetings:**  SA1#102 22-26 May 2023 Berlin (Germany)  SA1#103 21-25 Aug 2023 Gothenburg (Sweden)  SA1#104 13-17 Nov 2023 Chicago (US)  **2024 meetings:**  SA1#105 26Feb -01 Mar 2024 T.B.D.  SA1#106 27-31 May 2024 T.B.D. (Korea)  SA1#107 19-23 Aug 2024 T.B.D.  SA1#108 18-22 Nov 2024 T.B.D. (US) | | | | | |
| Any other business | | | | | |
| Close | | | | | |
| Close latest by 16:00 CET on Friday 24 February 2023 | | | | | |