#### 3GPP TSG SA WG 1 Meeting #100 S1-223001

**Toulouse, France, 14 – 18 November 2022**

Title: 2nd Draft Agenda for SA1#100

Ag. Item: 1.1

Source: SA1 Chairperson

Contact: Jose Almodovar

Submission Guidelines

* **Submission deadlines:**
	1. Tdoc **number** and **CR number** requests:     **Friday,** 4 November 2022, 23:00 UTC
	2. Document **submission**:                                **Friday,** 4 November 2022, 23:00 UTC
* Documents that miss either deadline will be considered as **LATE** and will be given low priority
* **Tdoc numbers and CR numbers** can be reserved and documents uploaded at <https://portal.3gpp.org/> (register, then click on the "C" next to 3GPPSA1#97e)
* Please use the document templates available at <https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_97e_EM_Feb2022/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> )

**MEETING ROOMS:**

Room A: Plenary/Drafting

Room B: Breakout

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| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **Monday** | **Tuesday** | **Wednesday** | **Thursday** |  | **Friday** |
| **Q0** | **08:00****09:00** |  | **Drafting 1 (Rm A):**Ambient IoT | **Drafting 1 (Rm A):**Ambient IoT | **Plenary:**RevisionsLSs | **08:00****09:00** |  |
| **Q1** | **09:00****10:30** | (start at 09:00)**Plenary:**1. Opening2. Reports3. LSs | **Drafting 1 (Rm A):**Ambient IoT=================**Drafting 2 (Rm B):**EnergyServ + UAV\_Ph3 | **Drafting 1 (Rm A):**Ambient IoT=================**Drafting 2 (Rm B):**EnergyServ + UAV\_Ph3 | **Plenary:**RevisionsLSsAmbientIoTFRMCS, RVAS, SOBOT | **09:00****10:30** | **Plenary**WIDs, Sec 6Revisions |
|  | **Coffee** |  |  |  |  | **Coffee** |  |
| **Q2** | **11:00****12:30** | **Plenary:**3. LSs  | **Drafting 1 (Rm A):**Sensing=================**Drafting 2 (Rm B):**NetShare + AIML\_Ph2  | **Drafting 1 (Rm A):**Sensing=================**Drafting 2 (Rm B):**NetShare + AIML\_Ph2  | **Plenary:**RevisionsAmbientIoTFRMCS, RVAS, SOBOT | **11:00****12:30** | **Plenary**Revisions |
|  | **Lunch** |  | **Lunch New incomers I** **(Chair & Secretary)** | **Lunch New incomers II** **(Chair & Secretary)** |  | **Lunch** |  |
| **Q3** | **14:00****16:00** | **Plenary:**3. LSs 4. New WIDs | **Drafting 1 (Rm A):**Sensing=================**Drafting 2 (Rm B):**DualSteer + 5GSAT\_Ph3 | **Drafting 1 (Rm A):**Sensing=================**Drafting 2 (Rm B):**DualSteer + 5GSAT\_Ph3 | **Plenary:**RevisionsSensing Metaverse | **13:30****16:00** | **Plenary**RevisionsWork item reportsMeeting closes at 16:00 latest |
|  | **Coffee** |  |  |  |  | **Coffee** |  |
| **Q4** | **16:30****18:00** | **Plenary:**4. New WIDs5. Quality Improv6.1. Rel-18 correction and clarification CRs8. Other tech. cont. | **(16:15 – 17:30 both rooms)****Drafting 1 (Rm A):**Metaverse=================**Drafting 2 (Rm B):**FRMCS\_Ph5+RVAS+SOBOT | **Drafting 1 (Rm A)**Metaverse=================**Drafting 2 (Rm B):**FRMCS\_Ph5+RVAS+SOBOT | **Plenary:**RevisionsNetShare AIMLDualSteer 5GSatEnergy Serv UAV | **16:30****1800** |  |
|  |  |  |  |  |  |  |  |
| **Q5** | **18:10****19:10** | **[Plenary]** | **Special MMS SA1#100**(19:00) | **Drafting 1 (Rm A)**Metaverse | **Plenary:**RevisionsWIDSec5, Sec 6.1 | **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):**

|  |  |
| --- | --- |
| Sensing *– chaired by Jose Almodovar* | EnergyServ + UAV\_Ph3 *– chaired by Yusuke Nakano* |
| AmbientIoT *– chaired by Jose Almodovar* | NetShare + AIML\_Ph2*– chaired by Mark Younge* |
| Metaverse *– chaired by Yusuke Nakano* | DualSteer + 5GSAT\_Ph3 *– chaired by Toon Norp* |
|  | FRMCS\_Ph5 + RVAS + SOBOT *– chaired by Xu Xia* |

**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

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| DocType | 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 |  |

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| Opening of the meeting |
| Opening of the meeting at 09:00 CET on Monday 14 November 2022  |
| Agenda and scheduling |
| AGE | S1-223000 | SA1 Chairman | Draft agenda for SA1#100 | Revised to S1-223001 |  |
| AGE | S1-223001 | SA1 Chairman | Second agenda for SA1#100 | Approved | Revision of S1-223000. |
| 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 | S1-223004 | ETSI | Draft minutes of SA1#99e | Revised to S1-223005 |  |
| REP | [S1-223005](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223005.zip) | ETSI | Minutes of SA1#99e | Agreed | Revision of S1-223004. |
| 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.docWhen writing CRs, please follow the guidance provided in SP-220006 (Guidelines to write CRs) |
| Information for rapporteurs |
| "Beginner's guide" for writing a new TS/TR is available at <http://www.3gpp.org/specifications-groups/delegates-corner/writing-a-new-spec> (feedback on content is welcome!)For detailed drafting guidelines, please see [TR 21.801](http://www.3gpp.org/DynaReport/21801.htm)Rapporteurs are expected to produce a work item/study item status report for the end of the meeting under agenda item 9.2. The template is available [here](http://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_85_Tallin/templates/Template_WI_Status_Update.zip).For draft TR/TS, the rapporteur is expected to update the draft TR/TS with all contributions agreed at the meeting before the meeting is closed. |
| Working agreements |
| None |
| Reports and action items |
| REP | [S1-223006](file:///E%3A%5CTSGS1_100_Toulouse%5CDocs%5CS1-223006.zip) | SA1 Chair | SA1-related topics at SA#97e | Revised to S1-223320 |  |
| REP | [S1-223320](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223320.zip) | SA1 Chair | SA1-related topics at SA#97e | Noted | Revision of S1-223006. |
| REP | [S1-223009](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223009.zip) | SA1 Chair | Rel-19 Stage 1 timeline proposal | Endorsed | Timeline endorsed |
| REP | [S1-223287](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223287.zip) | SA1 Chair | SA1#100: F2F meeting guidelines | Noted |  |
| REP | [S1-223003](file:///E%3A%5CTSGS1_100_Toulouse%5CDocs%5CS1-223003.zip) | ETSI MCC | Work Plan presentation for SA1#100 | Noted |  |
| REP | [S1-223007](file:///E%3A%5CTSGS1_100_Toulouse%5CDocs%5CS1-223007.zip) | ETSI MCC | MCC info on CR Rules | Noted |  |
| REP | [S1-223008](file:///E%3A%5CTSGS1_100_Toulouse%5CDocs%5CS1-223008.zip) | ETSI MCC | MCC info on WID names | Noted |  |
| Liaison Statements (including related contributions) |
| SENSE for home PLMN and disaster roaming PLMN |
| TO | [S1-223258](file:///E%3A%5CTSGS1_100_Toulouse%5CDocs%5CS1-223258.zip) | C1-226124 | LS on SENSE for home PLMN and disaster roaming PLMN | Replied in 3725 |  |
| OUT | [S1-223019](file:///E%3A%5CTSGS1_100_Toulouse%5CDocs%5CS1-223019.zip)  | Deutsche Telekom | Reply LS to C1-226124 on SENSE for home PLMN and disaster roaming PLMN | Revised to S1-223291 |  |
| OUT | [S1-223291](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223291.zip) | Deutsche Telekom | Reply LS to C1-226124 on SENSE for home PLMN and disaster roaming PLMN | Revised to S1-223536 | Revision of S1-223019 . |
| OUT | [S1-223536](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223536.zip) | Deutsche Telekom | Reply LS to C1-226124 on SENSE for home PLMN and disaster roaming PLMN | Revised to S1-223687 | *Revision of S1-223019 .*Revision of S1-223291. |
| OUT | [S1-223687](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223687.zip) | Deutsche Telekom | Reply LS to C1-226124 on SENSE for home PLMN and disaster roaming PLMN | Revised to S1-223725 | *Revision of S1-223019 .**Revision of S1-223291.*Revision of S1-223536. |
| OUT | [S1-223725](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223725.zip) | Deutsche Telekom | Reply LS to C1-226124 on SENSE for home PLMN and disaster roaming PLMN | Agreed | *Revision of S1-223019 .**Revision of S1-223291.**Revision of S1-223536.*Revision of S1-223687.CR in the zip file |
| Cont | [S1-223018](file:///E%3A%5CTSGS1_100_Toulouse%5CDocs%5CS1-223018.zip) | Deutsche Telekom | DP on LS C1-226124 on SENSE for home PLMN and disaster roaming PLMN | Noted |  |
| CR | [S1-223020](file:///E%3A%5CTSGS1_100_Toulouse%5CDocs%5CS1-223020.zip) | Deutsche Telekom | 22.011v18.3.0 Clarification of SENSE requirement under disaster roaming condition | Agreed | *WI SENSE Rel-18 CR*0342*R- Cat F* |
| OUT | [S1-223031](file:///E%3A%5CTSGS1_100_Toulouse%5CDocs%5CS1-223031.zip) | MediaTek | Reply LS on SENSE for home PLMN and disaster roaming PLMN | Noted |  |
| Cont | [S1-223029](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223029.zip) | MediaTek | Discussion of SENSE applicability to PLMNs | Noted | Moved from 6.1 |
| CR | [S1-223030](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223030.zip) | MediaTek | 22.011v18.3.0 Clarification of SENSE applicability to PLMNs | Noted | *WI* SENSE *Rel-18 CR*0666*R- Cat C*Moved from 6.1 |
| OUT | [S1-223134](file:///E%3A%5CTSGS1_100_Toulouse%5CDocs%5CS1-223134.zip) | LG Electronics | [draft] Reply LS on SENSE for home PLMN and disaster roaming PLMN | Merge into 3291 |  |
| Cont | [S1-223133](file:///E%3A%5CTSGS1_100_Toulouse%5CDocs%5CS1-223133.zip) | LG Electronics | Discussion on LS on SENSE for home PLMN and disaster roaming PLMN | Noted |  |
| CR | [S1-223135](file:///E%3A%5CTSGS1_100_Toulouse%5CDocs%5CS1-223135.zip) | LG Electronics | 22.011v18.3.0 Clarification for SENSE requirements (CT1 LS Question 1) | Revised to S1-223309 | *WI SENSE,MINT Rel-18 CR*0345*R- Cat F* |
| CR | [S1-223309](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223309.zip) | LG Electronics | 22.011v18.3.0 Clarification for SENSE requirements (CT1 LS Question 1) | Revised to S1-223537 | *WI SENSE,MINT Rel-18 CR0345R- Cat F*Revision of S1-223135. |
| CR | [S1-223537](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223537.zip) | LG Electronics | 22.011v18.3.0 Clarification for SENSE requirements (CT1 LS Question 1) | Withdrawn | *WI SENSE,MINT Rel-18 CR0345R- Cat F**Revision of S1-223135.*Revision of S1-223309. |
| CR | [S1-223136](file:///E%3A%5CTSGS1_100_Toulouse%5CDocs%5CS1-223136.zip) | LG Electronics | 22.261v18.7.0 Clarification for SENSE and MINT requirements (Option A for CT1 LS Question 2) | Noted | *WI SENSE,MINT Rel-18 CR*0662*R- Cat F* |
| CR | [S1-223137](file:///E%3A%5CTSGS1_100_Toulouse%5CDocs%5CS1-223137.zip) | LG Electronics | 22.011v18.3.0 Clarification for SENSE and MINT requirements (Option B for CT1 LS Question 2) | Noted | *WI SENSE,MINT Rel-18 CR*0346*R- Cat F* |
| CR | [S1-223138](file:///E%3A%5CTSGS1_100_Toulouse%5CDocs%5CS1-223138.zip) | LG Electronics | 22.011v18.3.0 Clarification for SENSE and MINT requirements (Option C for CT1 LS Question 2) | Noted | *WI SENSE, MINT Rel-18 CR*0347*R- Cat F* |
| Low latency communication applications to use RAN feedback on periodicity for scheduling |
| TO | [S1-223269](file:///E%3A%5CTSGS1_100_Toulouse%5CDocs%5CS1-223269.zip) | S2-2209964 | LS on low latency communication applications to use RAN feedback on periodicity for scheduling | Replied in 3726 |  |
| OUT | [S1-223065](file:///E%3A%5CTSGS1_100_Toulouse%5CDocs%5CS1-223065.zip) | Samsung  | [Draft] Reply LS on low latency communication applications to use RAN feedback on periodicity for scheduling | Merge into 3290 |  |
| Cont | [S1-223067](file:///E%3A%5CTSGS1_100_Toulouse%5CDocs%5CS1-223067.zip) | Samsung | Discussion on low latency communication use of RAN feedback on periodicity of scheduling | Noted |  |
| CR | [S1-223066](file:///E%3A%5CTSGS1_100_Toulouse%5CDocs%5CS1-223066.zip) | Samsung | 22.104v18.3.0 Clarification of 5GS periodic deterministic communication support | Noted | *WI TEI18 Rel-18 CR*XXXX*R- Cat F*Wrong CR number |
| OUT | [S1-223151](file:///E%3A%5CTSGS1_100_Toulouse%5CDocs%5CS1-223151.zip) | NTT DOCOMO | [DRAFT] Reply LS on low latency communication applications to use RAN feedback on periodicity for scheduling | Revised to S1-223317 |  |
| OUT | [S1-223317](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223317.zip) | NTT DOCOMO | [DRAFT] Reply LS on low latency communication applications to use RAN feedback on periodicity for scheduling | Revised to S1-223726 | Revision of S1-223151. |
| OUT | [S1-223726](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223726.zip) | NTT DOCOMO | [DRAFT] Reply LS on low latency communication applications to use RAN feedback on periodicity for scheduling | Agreed | *Revision of S1-223151.*Revision of S1-223317. |
| PIN Management |
| TO | [S1-223276](file:///E%3A%5CTSGS1_100_Toulouse%5CDocs%5CS1-223276.zip) | S6-222870 | LS on PIN Management | Replied in 3538 |  |
| OUT | [S1-223068](file:///E%3A%5CTSGS1_100_Toulouse%5CDocs%5CS1-223068.zip) | Samsung | [Draft] Reply LS on PIN Management | Revised to S1-223295 |  |
| OUT | [S1-223295](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223295.zip) | Samsung | [Draft] Reply LS on PIN Management | Revised to S1-223538 | Revision of S1-223068. |
| OUT | [S1-223538](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223538.zip) | Samsung | [Draft] Reply LS on PIN Management | Agreed | *Revision of S1-223068.*Revision of S1-223295. |
| Cont | [S1-223073](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223073.zip) | Samsung, Vivo | PIN Management – Validity duration of the PIN | Noted |  |
| CR | [S1-223070](file:///E%3A%5CTSGS1_100_Toulouse%5CDocs%5CS1-223070.zip) | Samsung, Vivo | 22.261v18.7.0 PIN Management clarification for PIN duration | Noted | *WI* PIRates *Rel-18 CR*0657*R- Cat F* |
| CR | [S1-223071](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223071.zip) | Samsung, Vivo | 22.261v19.0.0 PIN Management clarification for PIN duration | Noted | *WI* PIRates *Rel-19 CR*0657*R- Cat A* |
| OUT | [S1-223069](file:///E%3A%5CTSGS1_100_Toulouse%5CDocs%5CS1-223069.zip) | vivo | reply LS on PIN managemen | Merge into 3068 |  |
| Latency impact for NTN verified UE location |
| TO | [S1-223261](file:///E%3A%5CTSGS1_100_Toulouse%5CDocs%5CS1-223261.zip) | R2-2211044 | LS on Latency impact for NTN verified UE location | Replied in 3539 |  |
| OUT | [S1-223120](file:///E%3A%5CTSGS1_100_Toulouse%5CDocs%5CS1-223120.zip) | Xiaomi | [Draft] Reply LS on Latency impact for NTN verified UE location | Revised to S1-223296 |  |
| OUT | [S1-223296](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223296.zip) | Xiaomi | [Draft] Reply LS on Latency impact for NTN verified UE location | Revised to S1-223539 | Revision of S1-223120. |
| OUT | [S1-223539](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223539.zip) | Xiaomi | [Draft] Reply LS on Latency impact for NTN verified UE location | Agreed | *Revision of S1-223120.*Revision of S1-223296. |
| Progress and open issues for NPN enhancements in Rel-18 |
| TO | [S1-223267](file:///E%3A%5CTSGS1_100_Toulouse%5CDocs%5CS1-223267.zip) | S2-2209860 | LS on Progress and open issues for NPN enhancements in Rel-18 | Replied in 3540 |  |
| OUT | [S1-223091](file:///E%3A%5CTSGS1_100_Toulouse%5CDocs%5CS1-223091.zip) | Qualcomm  | Draft Reply LS on Progress and open issues for NPN enhancements in Rel-18 | Revised to S1-223297 |  |
| OUT | [S1-223297](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223297.zip) | Qualcomm  | Draft Reply LS on Progress and open issues for NPN enhancements in Rel-18 | Revised to S1-223540 | Revision of S1-223091. |
| OUT | [S1-223540](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223540.zip) | Qualcomm  | Draft Reply LS on Progress and open issues for NPN enhancements in Rel-18 | Agreed | *Revision of S1-223091.*Revision of S1-223297. |
| SNAAPP requirements clarifications |
| TO | [S1-223272](file:///E%3A%5CTSGS1_100_Toulouse%5CDocs%5CS1-223272.zip) | S3-222970 | LS on SNAAPP requirements clarifications | Postponed |  |
| OUT | [S1-223150](file:///E%3A%5CTSGS1_100_Toulouse%5CDocs%5CS1-223150.zip) | NTT DOCOMO | [DRAFT] Reply LS on SNAAPP requirements clarifications | Revised to S1-223299 |  |
| OUT | [S1-223299](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223299.zip) | NTT DOCOMO | [DRAFT] Reply LS on SNAAPP requirements clarifications | Revised to S1-223541 | Revision of S1-223150. |
| OUT | [S1-223541](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223541.zip) | NTT DOCOMO | [DRAFT] Reply LS on SNAAPP requirements clarifications | Noted | *Revision of S1-223150.*Revision of S1-223299. |
| DN energy efficiency data analytics |
| TO | [S1-223274](file:///E%3A%5CTSGS1_100_Toulouse%5CDocs%5CS1-223274.zip) | S6-221347 | LS on DN energy efficiency data analytics | Replied in 3542 |  |
| CC | [S1-223273](file:///E%3A%5CTSGS1_100_Toulouse%5CDocs%5CS1-223273.zip) | S5-224342 | Reply LS on DN energy efficiency data analytics | Noted |  |
| OUT | [S1-223225](file:///E%3A%5CTSGS1_100_Toulouse%5CDocs%5CS1-223225.zip) | China Mobile | Reply LS on DN energy efficiency data analytics | Revised to S1-223302 |  |
| OUT | [S1-223302](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223302.zip) | China Mobile | Reply LS on DN energy efficiency data analytics | Revised to S1-223542 | Revision of S1-223225. |
| OUT | [S1-223542](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223542.zip) | China Mobile | Reply LS on DN energy efficiency data analytics | Agreed | *Revision of S1-223225.*Revision of S1-223302. |
| Support for managing slice for trusted third-party owned application |
| TO | [S1-223275](file:///E%3A%5CTSGS1_100_Toulouse%5CDocs%5CS1-223275.zip) | S6-222340 | Reply LS on Reply LS on Support for managing slice for trusted third-party owned application | Noted |  |
| QoS Sustainability analytics and V2X service adaptations |
| TO | [S1-223253](file:///E%3A%5CTSGS1_100_Toulouse%5CDocs%5CS1-223253.zip) | 5GAA WG4 | LS on QoS Sustainability analytics and V2X service adaptations | Replied into 3734 |  |
| OUT | [S1-223175](file:///E%3A%5CTSGS1_100_Toulouse%5CDocs%5CS1-223175.zip) | OPPO | [Draft] Reply LS on QoS Sustainability analytics and V2X service adaptations | Revised to S1-223318 |  |
| OUT | [S1-223318](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223318.zip) | OPPO | [Draft] Reply LS on QoS Sustainability analytics and V2X service adaptations | Revised to S1-223543 | Revision of S1-223175. |
| OUT | [S1-223543](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223543.zip) | OPPO | [Draft] Reply LS on QoS Sustainability analytics and V2X service adaptations | Revised to S1-223688 | *Revision of S1-223175.*Revision of S1-223318. |
| OUT | [S1-223688](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223688.zip) | OPPO | [Draft] Reply LS on QoS Sustainability analytics and V2X service adaptations | Revised to S1-223727 | *Revision of S1-223175.**Revision of S1-223318.*Revision of S1-223543. |
| OUT | [S1-223727](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223727.zip) | OPPO | [Draft] Reply LS on QoS Sustainability analytics and V2X service adaptations | Revised to S1-223734 | *Revision of S1-223175.**Revision of S1-223318.**Revision of S1-223543.*Revision of S1-223688. |
| OUT | [S1-223734](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223734.zip) | OPPO | [Draft] Reply LS on QoS Sustainability analytics and V2X service adaptations | Agreed | *Revision of S1-223175.**Revision of S1-223318.**Revision of S1-223543.**Revision of S1-223688.*Revision of S1-223727.Clean up |
| 5GC information exposure to UE |
| TO | [S1-223263](file:///E%3A%5CTSGS1_100_Toulouse%5CDocs%5CS1-223263.zip) | S2-2205286 | LS on 5GC information exposure to UE | Noted |  |
| TO | [S1-223271](file:///E%3A%5CTSGS1_100_Toulouse%5CDocs%5CS1-223271.zip) | S3-221621 | LS reply on 5GC information exposure to UE | Noted |  |
| CC | [S1-223268](file:///E%3A%5CTSGS1_100_Toulouse%5CDocs%5CS1-223268.zip) | S2-2209910 | Reply LS on User plane solution for 5GC information exposure to UE | Noted |  |
| Facilitating roaming adoption across 3GPP NPN deployments |
| TO | [S1-223277](file:///E%3A%5CTSGS1_100_Toulouse%5CDocs%5CS1-223277.zip) | SP-220985 | Reply LS on Facilitating roaming adoption across 3GPP NPN deployments | Postponed |  |
| TO | [S1-223278](file:///E%3A%5CTSGS1_100_Toulouse%5CDocs%5CS1-223278.zip) | WBA OpenRoaming | LS on Facilitating interconnect between SNPNs and Credentials Holder | Noted |  |
| Proposed to Note |
| TO | [S1-223259](file:///E%3A%5CTSGS1_100_Toulouse%5CDocs%5CS1-223259.zip) | ISO/IEC JTC 1/SC 29 N 20754 | Liaison response to 3GPP SA1 on Haptics | Noted |  |
| CC | [S1-223254](file:///E%3A%5CTSGS1_100_Toulouse%5CDocs%5CS1-223254.zip) | 5G-ACIA | 5G capabilities exposure for factories of the future – identified gaps | Noted |  |
| CC | [S1-223255](file:///E%3A%5CTSGS1_100_Toulouse%5CDocs%5CS1-223255.zip) | 5G-ACIA-LS-2022-004 | 5G Edge Computing Use Cases & Requirements | Noted |  |
| CC | [S1-223256](file:///E%3A%5CTSGS1_100_Toulouse%5CDocs%5CS1-223256.zip) | C1-225154 | Reply to LS on Satellite E-UTRAN on PLMN selector with Access Technology | Noted |  |
| CC | [S1-223257](file:///E%3A%5CTSGS1_100_Toulouse%5CDocs%5CS1-223257.zip) | C1-225338 | LS on SENSE feature | Noted |  |
| CC | [S1-223260](file:///E%3A%5CTSGS1_100_Toulouse%5CDocs%5CS1-223260.zip) | R2-2210865 | Reply LS on the deactivation of access stratum due to discontinuous coverage | Noted |  |
| CC | [S1-223265](file:///E%3A%5CTSGS1_100_Toulouse%5CDocs%5CS1-223265.zip) | S2-2207420 | Reply LS on the deactivation of access stratum due to discontinuous coverage | Noted |  |
| CC | [S1-223262](file:///E%3A%5CTSGS1_100_Toulouse%5CDocs%5CS1-223262.zip) | R3-225250 | Reply LS on the user consent for trace reporting | Noted |  |
| CC | [S1-223264](file:///E%3A%5CTSGS1_100_Toulouse%5CDocs%5CS1-223264.zip) | S2-2207399 | LS Out on Support for managing slice for trusted third-party owned application | Noted |  |
| CC | [S1-223266](file:///E%3A%5CTSGS1_100_Toulouse%5CDocs%5CS1-223266.zip) | S2-2207691 | LS response on GNSS integrity | Noted |  |
| CC | [S1-223270](file:///E%3A%5CTSGS1_100_Toulouse%5CDocs%5CS1-223270.zip) | S2-2209966 | LS on GNSS integrity requirement provisioning | Noted |  |
| New Work Items (including related contributions, studies exceptionally) |
| Revised SIDs |
| SID | [S1-223112](file:///E%3A%5CTSGS1_100_Toulouse%5CDocs%5CS1-223112.zip) | China Mobile. | Revised SID on Energy Efficiency as service criteria | Noted |  |
| New WIDs |
| PIN\_ph2 |
| WID | [S1-223072](file:///E%3A%5CTSGS1_100_Toulouse%5CDocs%5CS1-223072.zip) | Vivo | New WID on Personal IoT Networks phase 2 | Revised to S1-223601 |  |
| WID | [S1-223601](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223601.zip) | Vivo | New WID on Personal IoT Networks phase 2 | Noted | Revision of S1-223072. |
| CR | [S1-223074](file:///E%3A%5CTSGS1_100_Toulouse%5CDocs%5CS1-223074.zip) | Vivo | 22.261v19.0.0 Collaboration of different PINs | Revised to S1-223602 | *WI* DUMMY, PIN\_ph2 *Rel-19 CR*0659*R- Cat B**Wrong WI code* |
| CR | [S1-223602](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223602.zip) | Vivo | 22.261v19.0.0 Collaboration of different PINs | Noted | *WI DUMMY, PIN\_ph2 Rel-19 CR0659R- Cat B**Wrong WI code*Revision of S1-223074. |
| MeasureData |
| WID | [S1-223155](file:///E%3A%5CTSGS1_100_Toulouse%5CDocs%5CS1-223155.zip) | ZTE, CEPRI, China Telecom, China Unicom, LG Electronics | New WID on Measurement Data Collection | Revised to S1-223315 |  |
| WID | [S1-223315](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223315.zip) | ZTE, CEPRI, China Telecom, China Unicom, LG Electronics | New WID on Measurement Data Collection | Revised to S1-223729 | Revision of S1-223155. |
| WID | [S1-223729](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223729.zip) | ZTE, CEPRI, China Telecom, China Unicom, LG Electronics | New WID on Measurement Data Collection | Agreed | *Revision of S1-223155.*Revision of S1-223315.In objectives “Activation and deactivation QoS monitoring to report on data packets not meeting the required QoS level.”. Delete the content section 8. Add Futerwei.  |
| CR | [S1-223161](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223161.zip) | ZTE, LG Electronics | 22.261v19.0.0 New requirements for QoS monitoring | Revised to S1-223316 | *WI* MeasureData *Rel-19 CR*0647*R- Cat B* |
| CR | [S1-223316](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223316.zip) | ZTE, LG Electronics | 22.261v19.0.0 New requirements for QoS monitoring | Revised to S1-223680 | *WI MeasureData Rel-19 CR0647R- Cat B*Revision of S1-223161. |
| CR | [S1-223680](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223680.zip) | ZTE, LG Electronics | 22.261v19.0.0 New requirements for QoS monitoring | Revised to S1-223728 | *WI MeasureData Rel-19 CR0647R- Cat B**Revision of S1-223161.*Revision of S1-223316. |
| CR | [S1-223728](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223728.zip) | ZTE, LG Electronics | 22.261v19.0.0 New requirements for QoS monitoring | Agreed | *WI MeasureData Rel-19 CR0647R- Cat B**Revision of S1-223161.**Revision of S1-223316.*Revision of S1-223680.NOTE 12: The above requirement does not assume UE impacts. |
| WBAOpenRoamingSNPN |
| SID  | [S1-223240](file:///E%3A%5CTSGS1_100_Toulouse%5CDocs%5CS1-223240.zip) | NOVAMINT, EDF, Quixoticity | New SID on enhancements of Roaming and Interconnection of NPN | Revised to S1-223311 |  |
| SID  | [S1-223311](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223311.zip) | NOVAMINT, EDF, Quixoticity | New SID on enhancements of Roaming and Interconnection of NPN | Revised to S1-223697 | Revision of S1-223240. |
| SID  | [S1-223697](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223697.zip) | NOVAMINT, EDF, Quixoticity | New SID on enhancements of Roaming and Interconnection of NPN | Noted | *Revision of S1-223240.*Revision of S1-223311. |
| Cont | [S1-223241](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223241.zip) | NOVAMINT, EDF, Quixoticity | Motivation for a SID on Enhancements of Roaming and Interconnection of NPN | Noted |  |
| WID | [S1-223085](file:///E%3A%5CTSGS1_100_Toulouse%5CDocs%5CS1-223085.zip) | Intel | New WID on Introduction to Support WBA OpenRoaming Framework for the Interconnect between SNPN & Credentials Holder (CH)  | Revised to S1-223600 |  |
| WID | [S1-223600](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223600.zip) | Intel | New WID on Introduction to Support WBA OpenRoaming Framework for the Interconnect between SNPN & Credentials Holder (CH)  | Revised to S1-223659 | Revision of S1-223085. |
| WID | [S1-223659](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223659.zip) | Intel | New WID on Introduction to Support WBA OpenRoaming Framework for the Interconnect between SNPN & Credentials Holder (CH)  | Noted | *Revision of S1-223085.*Revision of S1-223600. |
| Cont | [S1-223288](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223288.zip) | Intel | Slides - Introduction to Support WBA OpenRoaming Framework for the Interconnect between SNPN & Credentials Holder (CH)  | Noted |  |
| Cont | [S1-223086](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223086.zip) | Intel | Introduction to Support WBA OpenRoaming Framework for the Interconnect between SNPN & Credentials Holder (CH)  | Noted |  |
| CR | [S1-223087](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223087.zip) | Intel | 22.261v19.0.0 Introduction to Support WBA OpenRoaming Framework for the Interconnect between SNPN & Credentials Holder (CH)  | Noted | *WI* DUMMY *Rel-19 CR*0661*R- Cat B**No track changes on cover page, Wrong WI code* |
| eNEC |
| WID | [S1-223075](file:///E%3A%5CTSGS1_100_Toulouse%5CDocs%5CS1-223075.zip) | Vivo | new WID on enhanced network exposure capability | Noted |  |
| Cont | [S1-223076](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223076.zip) | Vivo | Discussion on enhanced network exposure capability | Revised to S1-223280 |  |
| Cont | [S1-223280](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223280.zip) | Vivo | Discussion on enhanced network exposure capability | Revised to S1-223305 | Revision of S1-223076. |
| Cont | [S1-223305](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223305.zip) | Vivo | Discussion on enhanced network exposure capability | Noted | *Revision of S1-223076.*Revision of S1-223280. |
| CR | [S1-223077](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223077.zip) | Vivo | 22.261v19.0.0 enhanced network exposure capability | Noted | *WI* DUMMY, eNEC *Rel-19 CR*0660*R- Cat B**Wrong WI code* |
| IEAE |
| WID | [S1-223178](file:///E%3A%5CTSGS1_100_Toulouse%5CDocs%5CS1-223178.zip) | OPPO | New WID on Information Exposure to Application in UE  | Revised to S1-223661 |  |
| WID | [S1-223661](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223661.zip) | OPPO | New WID on Information Exposure to Application in UE  | Noted | Revision of S1-223178. |
| Cont | [S1-223181](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223181.zip) | OPPO | Discussion for Information Exposure to Application in UE | Revised to S1-223281 |  |
| Cont | [S1-223281](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223281.zip) | OPPO | Discussion for Information Exposure to Application in UE | Noted | Revision of S1-223181. |
| CR | [S1-223189](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223189.zip) | OPPO | 22.261v19.0.0 Clarification on requirement of information exposure to applaction in UE | Revised to S1-223662 | *WI* - *Rel-19 CR*0663*R- Cat F**Wrong WI code, is it a correction?*  |
| CR | [S1-223662](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223662.zip) | OPPO | 22.261v19.0.0 Clarification on requirement of information exposure to applaction in UE | Noted | *WI - Rel-19 CR0663R- Cat F**Wrong WI code, is it a correction?* Revision of S1-223189. |
| DualAccessLCS  |
| WID | [S1-223218](file:///E%3A%5CTSGS1_100_Toulouse%5CDocs%5CS1-223218.zip) | CATT | New WID on 5G Positioning Service for UE connecting to Dual 3GPP access | Noted |  |
| Cont | [S1-223209](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223209.zip) | CATT | Discussion on Positioning Services for UEs connecting via Dual 3GPP Access | Revised to S1-223286 |  |
| Cont | [S1-223286](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223286.zip) | CATT | Discussion on Positioning Services for UEs connecting via Dual 3GPP Access | Noted | Revision of S1-223209. |
| CR | [S1-223213](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223213.zip) | CATT | 22.071 v17.0.0 New requirements for DualAccessLCS | Noted | *WI* DualAccessLCS *Rel-19 CR*0084*R- Cat B* |
| CR | [S1-223216](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223216.zip) | CATT | 22.261 v19.0.0 New requirements on DualAccessLCS | Noted | *WI* DualAccessLCS *Rel-19 CR*0667*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 | [S1-223197](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223197.zip) | Huawei  | 22.261v18.7.0 Editorial Corrections to TS 22.261 on PALS | Revised to S1-223303 | *WI* PALS *Rel-18 CR*0664*R- Cat D* |
| CR | [S1-223303](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223303.zip) | Huawei  | 22.261v18.7.0 Editorial Corrections to TS 22.261 on PALS | Agreed | *WI PALS Rel-18 CR0664R- Cat D*Revision of S1-223197. |
| CR | [S1-223198](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223198.zip) | Huawei  | 22.261v19.0.0 Editorial Corrections to TS 22.261 on PALS | Revised to S1-223304 | *WI* PALS *Rel-19 CR*0665*R- Cat A* |
| CR | [S1-223304](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223304.zip) | Huawei  | 22.261v19.0.0 Editorial Corrections to TS 22.261 on PALS | Agreed | *WI PALS Rel-19 CR0665R- Cat A*Revision of S1-223198. |
| CR | [S1-223199](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223199.zip) | Huawei  | 22.261v19.0.0 Editorial Corrections to Annexes in TS 22.261 | Revised to S1-223308 | *WI* TEI19 *Rel-19 CR*0666*R- Cat D* |
| CR | [S1-223308](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223308.zip) | Huawei  | 22.261v19.0.0 Editorial Corrections to Annexes in TS 22.261 | Agreed | *WI TEI19 Rel-19 CR0666R- Cat D*Revision of S1-223199. |
| CR | [S1-223314](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223314.zip) | Kyonggi University | 22.280v18.2.0 Minor editorial modification on the definition of location | Agreed | *WI* TEI19 *Rel-19 CR*0157*R- Cat D* |
| Rel-18 and earlier contributions |
| Rel-18 correction and clarification CRs |
| CR | [S1-223119](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223119.zip) | Google | 22.011v18.3.0 Clarification on the periodic network selection for SENSE | Revised to S1-223313 | *WI* SENSE *Rel-18 CR*0344*R- Cat F* |
| CR | [S1-223313](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223313.zip) | Google | 22.011v18.3.0 Clarification on the periodic network selection for SENSE | Revised to S1-223676 | *WI SENSE Rel-18 CR0344R- Cat F*Revision of S1-223119. |
| CR | [S1-223676](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223676.zip) | Google | 22.011v18.3.0 Clarification on the periodic network selection for SENSE | Agreed | *WI SENSE Rel-18 CR0344R- Cat F**Revision of S1-223119.*Revision of S1-223313. |
| CR | [S1-223144](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223144.zip) | ETRI, KT Corp, SK Telecom, LG Uplus | 22.268v18.1.0 Corrections of message length and encoding for KPAS services | Revised to S1-223310 | *WI* TEI18 *Rel-18 CR*0077*R- Cat F* |
| CR | [S1-223310](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223310.zip) | ETRI, KT Corp, SK Telecom, LG Uplus | 22.268v18.1.0 Corrections of message length and encoding for KPAS services | Revised to S1-223681 | *WI TEI18 Rel-18 CR0077R- Cat F*Revision of S1-223144. |
| CR | [S1-223681](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223681.zip) | ETRI, KT Corp, SK Telecom, LG Uplus | 22.268v18.1.0 Corrections of message length and encoding for KPAS services | Agreed | *WI TEI18 Rel-18 CR0077R- Cat F**Revision of S1-223144.*Revision of S1-223310. |
| CR | [S1-223202](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223202.zip) | Kyonggi University | 22.280v18.2.0 Minor editorial modification on the definition of location | Noted | *WI* TEI18 *Rel-18 CR*0666*R- Cat D**Wrong revision TS, number. Is this category D or F?* |
| Cont | [S1-223029](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223029.zip) | MediaTek | Discussion of SENSE applicability to PLMNs | Moved to 3 |  |
| CR | [S1-223030](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223030.zip) | MediaTek | 22.011v18.3.0 Clarification of SENSE applicability to PLMNs | Moved to 3 | *WI* SENSE *Rel-18 CR*0666*R- Cat C* |
|  | [S1-223042](file:///E%3A%5CTSGS1_100_Toulouse%5CDocs%5CS1-223042.zip) | ETRI, KT Corp, SK Telecom, LG Uplus | Corrections of message length and coding for KPAS services | Withdrawn |  |
| 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 22.837v0.2.0](https://ftp.3gpp.org/Specs/archive/22_series/22.837/22837-020.zip)Target completion date: SA#100 (06/2023)Percentage completion: 40% |
| General |
| Cont | [S1-223023](file:///E%3A%5CTSGS1_100_Toulouse%5CDocs%5CS1-223023.zip) | Deutsche Telekom | Pseudo-CR on Definition of 5G wireless sensing | Revised to S1-223333 |  |
| Cont | [S1-223333](file:///E%3A%5CTSGS1_100_Toulouse%5C_Drafting%5Cdocs%5CS1-223333.zip) | Deutsche Telekom | Pseudo-CR on Definition of 5G wireless sensing | Agreed | Revision of S1-223023. |
| Cont | [S1-223033](file:///E%3A%5CTSGS1_100_Toulouse%5CDocs%5CS1-223033.zip) | Xiaomi  | Sensing definition | Noted |  |
| Cont | [S1-223080](file:///E%3A%5CTSGS1_100_Toulouse%5CDocs%5CS1-223080.zip) | Nokia, Nokia Shanghai Bell, Huawei, ZTE, Vivo | Pseudo-CR on harmonised KPIs for sensing scenarios | Revised to S1-223334 |  |
| Cont | [S1-223334](file:///E%3A%5CTSGS1_100_Toulouse%5C_Drafting%5Cdocs%5CS1-223334.zip) | Nokia, Nokia Shanghai Bell, Huawei, ZTE, Vivo | Pseudo-CR on harmonised KPIs for sensing scenarios | Revised to S1-223484 | Revision of S1-223080. |
| Cont | [S1-223484](file:///E%3A%5CTSGS1_100_Toulouse%5C_Drafting%5Cdocs%5CS1-223484.zip) | Nokia, Nokia Shanghai Bell, Huawei, ZTE, Vivo | Pseudo-CR on harmonised KPIs for sensing scenarios | Endorsed | *Revision of S1-223080.*Revision of S1-223334. |
| Cont | [S1-223160](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223160.zip) | vivo, Deutsche Telekom, Nokia, CMCC | Definition on KPI indicators | Revised to S1-223335 | Moved from 7.2 |
| Cont | [S1-223335](file:///E%3A%5CTSGS1_100_Toulouse%5C_Drafting%5Cdocs%5CS1-223335.zip) | vivo, Deutsche Telekom, Nokia, CMCC | Definition on KPI indicators | Revised to S1-223485 | *Moved from 7.2*Revision of S1-223160. |
| Cont | [S1-223485](file:///E%3A%5CTSGS1_100_Toulouse%5C_Drafting%5Cdocs%5CS1-223485.zip) | vivo, Deutsche Telekom, Nokia, CMCC | Definition on KPI indicators | Agreed | *Moved from 7.2**Revision of S1-223160.*Revision of S1-223335. |
| Cont | [S1-223251](file:///E%3A%5CTSGS1_100_Toulouse%5CDocs%5CS1-223251.zip) | Lenovo | KPIs of sensing measurement data | Noted |  |
| Former Use cases |
| Cont | [S1-223061](file:///E%3A%5CTSGS1_100_Toulouse%5CDocs%5CS1-223061.zip) | Samsung | 22.837 pCR: Update on 5.4, Transparent Sensing use case | Agreed |  |
| Cont | [S1-223095](file:///E%3A%5CTSGS1_100_Toulouse%5CDocs%5CS1-223095.zip) | China Telecom, vivo | Update of Use case on Rainfall Monitoring | Revised to S1-223292 |  |
| Cont | [S1-223292](file:///E%3A%5CTSGS1_100_Toulouse%5C_Drafting%5Cdocs%5CS1-223292.zip) | China Telecom, vivo | Update of Use case on Rainfall Monitoring | Revised to S1-223491 | Revision of S1-223095. |
| Cont | [S1-223491](file:///E%3A%5CTSGS1_100_Toulouse%5C_Drafting%5Cdocs%5CS1-223491.zip) | China Telecom, vivo | Update of Use case on Rainfall Monitoring | Revised to S1-223576 | *Revision of S1-223095.*Revision of S1-223292. |
| Cont | [S1-223576](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223576.zip) | China Telecom, vivo | Update of Use case on Rainfall Monitoring | Agreed | *Revision of S1-223095.**Revision of S1-223292.*Revision of S1-223491.KPI 1m in brackets and clean up. |
| Cont | [S1-223100](file:///E%3A%5CTSGS1_100_Toulouse%5CDocs%5CS1-223100.zip) | Qualcomm  | Update to Clause 5.10  | Revised to S1-223492 |  |
| Cont | [S1-223492](file:///E%3A%5CTSGS1_100_Toulouse%5C_Drafting%5Cdocs%5CS1-223492.zip) | Qualcomm  | Update to Clause 5.10  | Revised to S1-223577 | Revision of S1-223100. |
| Cont | [S1-223577](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223577.zip) | Qualcomm  | Update to Clause 5.10  | Agreed | *Revision of S1-223100.*Revision of S1-223492.Right KPI table format endorsed |
| Cont | [S1-223121](file:///E%3A%5CTSGS1_100_Toulouse%5CDocs%5CS1-223121.zip) | Huawei  | New requirement for forbidden sensing area | Revised to S1-223493 |  |
| Cont | [S1-223493](file:///E%3A%5CTSGS1_100_Toulouse%5C_Drafting%5Cdocs%5CS1-223493.zip) | Huawei  | New requirement for forbidden sensing area | Noted | Revision of S1-223121. |
| Cont | [S1-223125](file:///E%3A%5CTSGS1_100_Toulouse%5CDocs%5CS1-223125.zip) | Huawei  | Update of KPI table for railway intrusion detection | Revised to S1-223494 |  |
| Cont | [S1-223494](file:///E%3A%5CTSGS1_100_Toulouse%5C_Drafting%5Cdocs%5CS1-223494.zip) | Huawei  | Update of KPI table for railway intrusion detection | Agreed | Revision of S1-223125.. |
| Cont | [S1-223123](file:///E%3A%5CTSGS1_100_Toulouse%5CDocs%5CS1-223123.zip) | Huawei  | Update of KPI table for pedestrian intrusion detection on a highway | Revised to S1-223495 |  |
| Cont | [S1-223495](file:///E%3A%5CTSGS1_100_Toulouse%5C_Drafting%5Cdocs%5CS1-223495.zip) | Huawei  | Update of KPI table for pedestrian intrusion detection on a highway | Agreed | Revision of S1-223123. |
| Cont | [S1-223169](file:///E%3A%5CTSGS1_100_Toulouse%5CDocs%5CS1-223169.zip) | OPPO | Update for Use case of intruder detection in smart home | Revised to S1-223496 |  |
| Cont | [S1-223496](file:///E%3A%5CTSGS1_100_Toulouse%5C_Drafting%5Cdocs%5CS1-223496.zip) | OPPO | Update for Use case of intruder detection in smart home | Agreed | Revision of S1-223169..  |
| Cont | [S1-223176](file:///E%3A%5CTSGS1_100_Toulouse%5CDocs%5CS1-223176.zip) | China Mobile | pCR on updates on use case sensing for UAV intrusion detection | Revised to S1-223497 |  |
| Cont | [S1-223497](file:///E%3A%5CTSGS1_100_Toulouse%5C_Drafting%5Cdocs%5CS1-223497.zip) | China Mobile | pCR on updates on use case sensing for UAV intrusion detection | Revised to S1-223578 | Revision of S1-223176. |
| Cont | [S1-223578](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223578.zip) | China Mobile | pCR on updates on use case sensing for UAV intrusion detection | Agreed | *Revision of S1-223176.*Revision of S1-223497.Changes on changes and note in the table of KPIs. |
| Cont | [S1-223177](file:///E%3A%5CTSGS1_100_Toulouse%5CDocs%5CS1-223177.zip) | China Mobile | pCR on updates on use case on sensing for tourist spot traffic management | Revised to S1-223498 |  |
| Cont | [S1-223498](file:///E%3A%5CTSGS1_100_Toulouse%5C_Drafting%5Cdocs%5CS1-223498.zip) | China Mobile | pCR on updates on use case on sensing for tourist spot traffic management | Agreed | Revision of S1-223177. |
| Cont | [S1-223146](file:///E%3A%5CTSGS1_100_Toulouse%5CDocs%5CS1-223146.zip) | ZTE, CMCC | Update section 5.12 | Revised to S1-223298 |  |
| Cont | [S1-223298](file:///E%3A%5CTSGS1_100_Toulouse%5C_Drafting%5Cdocs%5CS1-223298.zip) | ZTE, CMCC | Update section 5.12 | Revised to S1-223499 | Revision of S1-223146. |
| Cont | [S1-223499](file:///E%3A%5CTSGS1_100_Toulouse%5C_Drafting%5Cdocs%5CS1-223499.zip) | ZTE, CMCC | Update section 5.12 | Revised to S1-223579 | *Revision of S1-223146.*Revision of S1-223298. |
| Cont | [S1-223579](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223579.zip) | ZTE, CMCC | Update section 5.12 | Agreed | *Revision of S1-223146.**Revision of S1-223298.*Revision of S1-223499.Service Area KPI (Outdoor) |
| Cont | [S1-223157](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223157.zip) | vivo | Update use case on sleep monitoring | Revised to S1-223501 | Moved from 7.2 |
| Cont | [S1-223501](file:///E%3A%5CTSGS1_100_Toulouse%5C_Drafting%5Cdocs%5CS1-223501.zip) | vivo | Update use case on sleep monitoring | Revised to S1-223580 | *Moved from 7.2*Revision of S1-223157. |
| Cont | [S1-223580](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223580.zip) | vivo | Update use case on sleep monitoring | Agreed | *Moved from 7.2**Revision of S1-223157.*Revision of S1-223501.Clean colors, No changes on changes. Numbering the requirements |
| New Use Cases |
| Cont | [S1-223048](file:///E%3A%5CTSGS1_100_Toulouse%5CDocs%5CS1-223048.zip) | Xiaomi  | New use case: Vehicle Sensing for ADAS | Revised to S1-223336 |  |
| Cont | [S1-223336](file:///E%3A%5CTSGS1_100_Toulouse%5C_Drafting%5Cdocs%5CS1-223336.zip) | Xiaomi  | New use case: Vehicle Sensing for ADAS | Withdrawn | Revision of S1-223048. |
| Cont | [S1-223049](file:///E%3A%5CTSGS1_100_Toulouse%5CDocs%5CS1-223049.zip) | Xiaomi  | New use case: In-Vehicle Sensing for life detection | Revised to S1-223337 |  |
| Cont | [S1-223337](file:///E%3A%5CTSGS1_100_Toulouse%5C_Drafting%5Cdocs%5CS1-223337.zip) | Xiaomi  | New use case: In-Vehicle Sensing for life detection | Withdrawn | Revision of S1-223049. |
| Cont | [S1-223062](file:///E%3A%5CTSGS1_100_Toulouse%5CDocs%5CS1-223062.zip) | Samsung | 22.837 pCR - Use case on Sensing of Sensor Groups | Revised to S1-223338 |  |
| Cont | [S1-223338](file:///E%3A%5CTSGS1_100_Toulouse%5C_Drafting%5Cdocs%5CS1-223338.zip) | Samsung | 22.837 pCR - Use case on Sensing of Sensor Groups | Revised to S1-223505 | Revision of S1-223062. |
| Cont | [S1-223505](file:///E%3A%5CTSGS1_100_Toulouse%5C_Drafting%5Cdocs%5CS1-223505.zip) | Samsung | 22.837 pCR - Use case on Sensing of Sensor Groups | Revised to S1-223581 | *Revision of S1-223062.*Revision of S1-223338. |
| Cont | [S1-223581](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223581.zip) | Samsung | 22.837 pCR - Use case on Sensing of Sensor Groups | Revised to S1-223689 | *Revision of S1-223062.**Revision of S1-223338.*Revision of S1-223505. |
| Cont | [S1-223689](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223689.zip) | Samsung | 22.837 pCR - Use case on Sensing of Sensor Groups | Revised to S1-223701 | *Revision of S1-223062.**Revision of S1-223338.**Revision of S1-223505.*Revision of S1-223581. |
| Cont | [S1-223701](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223701.zip) | Samsung | 22.837 pCR - Use case on Sensing of Sensor Groups | Agreed | *Revision of S1-223062.**Revision of S1-223338.**Revision of S1-223505.**Revision of S1-223581.*Revision of S1-223689. |
| Cont | [S1-223081](file:///E%3A%5CTSGS1_100_Toulouse%5CDocs%5CS1-223081.zip) | Nokia, Nokia Shanghai Bell, Deutsche Telekom | RAN-based discovery of available parking spots | Merge into 3339 |  |
| Cont | [S1-223227](file:///E%3A%5CTSGS1_100_Toulouse%5CDocs%5CS1-223227.zip) | Ericsson  | Sensing for parking space determination | Merge into 3339 |  |
| Cont | [S1-223201](file:///E%3A%5CTSGS1_100_Toulouse%5CDocs%5CS1-223201.zip) | Huawei | New use case: Sensing for parking space determination | Revised to S1-223339 |  |
| Cont | [S1-223339](file:///E%3A%5CTSGS1_100_Toulouse%5C_Drafting%5Cdocs%5CS1-223339.zip) | Huawei | New use case: Sensing for parking space determination | Revised to S1-223486 | Revision of S1-223201. |
| Cont | [S1-223486](file:///E%3A%5CTSGS1_100_Toulouse%5C_Drafting%5Cdocs%5CS1-223486.zip) | Huawei | New use case: Sensing for parking space determination | Revised to S1-223584 | *Revision of S1-223201.*Revision of S1-223339. |
| Cont | [S1-223584](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223584.zip) | Huawei | New use case: Sensing for parking space determination | Revised to S1-223678 | *Revision of S1-223201.**Revision of S1-223339.*Revision of S1-223486. |
| Cont | [S1-223678](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223678.zip) | Huawei | New use case: Sensing for parking space determination | Revised to S1-223690 | *Revision of S1-223201.**Revision of S1-223339.**Revision of S1-223486.*Revision of S1-223584. |
| Cont | [S1-223690](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223690.zip) | Huawei | New use case: Sensing for parking space determination | Agreed | *Revision of S1-223201.**Revision of S1-223339.**Revision of S1-223486.**Revision of S1-223584.*Revision of S1-223678. |
| Cont | [S1-223092](file:///E%3A%5CTSGS1_100_Toulouse%5CDocs%5CS1-223092.zip) | Qualcomm  | Use case on Seamless XR Streaming  | Revised to S1-223340 |  |
| Cont | [S1-223340](file:///E%3A%5CTSGS1_100_Toulouse%5C_Drafting%5Cdocs%5CS1-223340.zip) | Qualcomm  | Use case on Seamless XR Streaming  | Revised to S1-223506 | Revision of S1-223092. |
| Cont | [S1-223506](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223506.zip) | Qualcomm  | Use case on Seamless XR Streaming  | Revised to S1-223586 | *Revision of S1-223092.*Revision of S1-223340. |
| Cont | [S1-223586](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223586.zip) | Qualcomm  | Use case on Seamless XR Streaming  | Revised to S1-223691 | *Revision of S1-223092.**Revision of S1-223340.*Revision of S1-223506. |
| Cont | [S1-223691](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223691.zip) | Qualcomm  | Use case on Seamless XR Streaming  | Revised to S1-223730 | *Revision of S1-223092.**Revision of S1-223340.**Revision of S1-223506.*Revision of S1-223586. |
| Cont | [S1-223730](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223730.zip) | Qualcomm  | Use case on Seamless XR Streaming  | Agreed | *Revision of S1-223092.**Revision of S1-223340.**Revision of S1-223506.**Revision of S1-223586.*Revision of S1-223691.Change Peter to Jose. First requirement add “for processing.” And delete second requirement. |
| Cont | [S1-223093](file:///E%3A%5CTSGS1_100_Toulouse%5CDocs%5CS1-223093.zip) | Rakuten Mobile | Pseudo-CR Use case of sensing on Congestion Detection | Revised to S1-223341 |  |
| Cont | [S1-223341](file:///E%3A%5CTSGS1_100_Toulouse%5C_Drafting%5Cdocs%5CS1-223341.zip) | Rakuten Mobile | Pseudo-CR Use case of sensing on Congestion Detection | Revised to S1-223587 | Revision of S1-223093. |
| Cont | [S1-223587](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223587.zip) | Rakuten Mobile | Pseudo-CR Use case of sensing on Congestion Detection | Revised to S1-223692 | *Revision of S1-223093.*Revision of S1-223341. |
| Cont | [S1-223692](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223692.zip) | Rakuten Mobile | Pseudo-CR Use case of sensing on Congestion Detection | Noted | *Revision of S1-223093.**Revision of S1-223341.*Revision of S1-223587. |
| Cont | [S1-223099](file:///E%3A%5CTSGS1_100_Toulouse%5CDocs%5CS1-223099.zip) | Qualcomm  | Use case on Automotive Sensing Assisted Wireless Communication  | Revised to S1-223342 |  |
| Cont | [S1-223342](file:///E%3A%5CTSGS1_100_Toulouse%5C_Drafting%5Cdocs%5CS1-223342.zip) | Qualcomm  | Use case on Automotive Sensing Assisted Wireless Communication  | Noted | Revision of S1-223099. |
| Cont | [S1-223113](file:///E%3A%5CTSGS1_100_Toulouse%5CDocs%5CS1-223113.zip) | China Mobile  | pCR Sensing use case of integrated sensing and communication in smart grid | Revised to S1-223343 |  |
| Cont | [S1-223343](file:///E%3A%5CTSGS1_100_Toulouse%5C_Drafting%5Cdocs%5CS1-223343.zip) | China Mobile  | pCR Sensing use case of integrated sensing and communication in smart grid | Revised to S1-223588 | Revision of S1-223113. |
| Cont | [S1-223588](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223588.zip) | China Mobile  | pCR Sensing use case of integrated sensing and communication in smart grid | Revised to S1-223693 | *Revision of S1-223113.*Revision of S1-223343. |
| Cont | [S1-223693](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223693.zip) | China Mobile  | pCR Sensing use case of integrated sensing and communication in smart grid | Revised to S1-223731 | *Revision of S1-223113.**Revision of S1-223343.*Revision of S1-223588. |
| Cont | [S1-223731](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223731.zip) | China Mobile  | pCR Sensing use case of integrated sensing and communication in smart grid | Agreed | *Revision of S1-223113.**Revision of S1-223343.**Revision of S1-223588.*Revision of S1-223693.Delete core form Req 1 |
| Cont | [S1-223122](file:///E%3A%5CTSGS1_100_Toulouse%5CDocs%5CS1-223122.zip) | Huawei  | New use case\_sensing for traffic condition in urban intersection | Revised to S1-223344 |  |
| Cont | [S1-223344](file:///E%3A%5CTSGS1_100_Toulouse%5C_Drafting%5Cdocs%5CS1-223344.zip) | Huawei  | New use case\_sensing for traffic condition in urban intersection | Noted | Revision of S1-223122. |
| Cont | [S1-223143](file:///E%3A%5CTSGS1_100_Toulouse%5CDocs%5CS1-223143.zip) | BUPT, China Mobile, CATT, OPPO | Use case on privacy protection of sensing measurement process | Revised to S1-223345 |  |
| Cont | [S1-223345](file:///E%3A%5CTSGS1_100_Toulouse%5C_Drafting%5Cdocs%5CS1-223345.zip) | BUPT, China Mobile, CATT, OPPO | Use case on privacy protection of sensing measurement process | Noted | Revision of S1-223143.. |
| Cont | [S1-223145](file:///E%3A%5CTSGS1_100_Toulouse%5CDocs%5CS1-223145.zip) | BUPT, China Mobile, CATT, OPPO | Use case on confidentiality and integrity protection for coordinated sensing | Revised to S1-223347 |  |
| Cont | [S1-223347](file:///E%3A%5CTSGS1_100_Toulouse%5C_Drafting%5Cdocs%5CS1-223347.zip) | BUPT, China Mobile, CATT, OPPO | Use case on confidentiality and integrity protection for coordinated sensing | Revised to S1-223589 | Revision of S1-223145. |
| Cont | [S1-223589](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223589.zip) | BUPT, China Mobile, CATT, OPPO | Use case on confidentiality and integrity protection for coordinated sensing | Noted | *Revision of S1-223145.*Revision of S1-223347. |
| Cont | [S1-223147](file:///E%3A%5CTSGS1_100_Toulouse%5CDocs%5CS1-223147.zip) | ZTE, CMCC | new UC: AMR collision avoidance in smart factories | Revised to S1-223346 |  |
| Cont | [S1-223346](file:///E%3A%5CTSGS1_100_Toulouse%5C_Drafting%5Cdocs%5CS1-223346.zip) | ZTE, CMCC | new UC: AMR collision avoidance in smart factories | Revised to S1-223590 | Revision of S1-223147. |
| Cont | [S1-223590](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223590.zip) | ZTE, CMCC | new UC: AMR collision avoidance in smart factories | Agreed | *Revision of S1-223147.*Revision of S1-223346.Changes on changes and clean up |
| Cont | [S1-223148](file:///E%3A%5CTSGS1_100_Toulouse%5CDocs%5CS1-223148.zip) | NTT DOCOMO, NTT | Pseudo-CR on Use case on HAPS maritime surveillance | Noted |  |
| Cont | [S1-223149](file:///E%3A%5CTSGS1_100_Toulouse%5CDocs%5CS1-223149.zip) | NTT DOCOMO, NTT | Pseudo-CR on Full tracking for immersive experience in Metaverse | Revised to S1-223483 |  |
| Cont | [S1-223483](file:///E%3A%5CTSGS1_100_Toulouse%5C_Drafting%5Cdocs%5CS1-223483.zip) | NTT DOCOMO, NTT | Pseudo-CR on Full tracking for immersive experience in Metaverse | Revised to S1-223585 | Revision of S1-223149. |
| Cont | [S1-223585](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223585.zip) | NTT DOCOMO, NTT | Pseudo-CR on Full tracking for immersive experience in Metaverse | Revised to S1-223591 | *Revision of S1-223149.*Revision of S1-223483. |
| Cont | [S1-223591](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223591.zip) | NTT DOCOMO, NTT | Pseudo-CR on Full tracking for immersive experience in Metaverse | Revised to S1-223694 | *Revision of S1-223149.**Revision of S1-223483.*Revision of S1-223585. |
| Cont | [S1-223694](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223694.zip) | NTT DOCOMO, NTT | Pseudo-CR on Full tracking for immersive experience in Metaverse | Noted | *Revision of S1-223149.**Revision of S1-223483.**Revision of S1-223585.*Revision of S1-223591. |
| Cont | [S1-223159](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223159.zip) | vivo | Use case on roaming for sensing service of sports monitoring | Revised to S1-223348 | Moved from 7.2 |
| Cont | [S1-223348](file:///E%3A%5CTSGS1_100_Toulouse%5C_Drafting%5Cdocs%5CS1-223348.zip) | vivo | Use case on roaming for sensing service of sports monitoring | Revised to S1-223592 | *Moved from 7.2*Revision of S1-223159. |
| Cont | [S1-223592](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223592.zip) | vivo | Use case on roaming for sensing service of sports monitoring | Agreed | *Moved from 7.2**Revision of S1-223159.*Revision of S1-223348.Clean up. Take out colors |
| Cont | [S1-223170](file:///E%3A%5CTSGS1_100_Toulouse%5CDocs%5CS1-223170.zip) | OPPO | Use case of gesture recognition in smart home | Revised to S1-223349 |  |
| Cont | [S1-223349](file:///E%3A%5CTSGS1_100_Toulouse%5C_Drafting%5Cdocs%5CS1-223349.zip) | OPPO | Use case of gesture recognition in smart home | Revised to S1-223593 | Revision of S1-223170. |
| Cont | [S1-223593](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223593.zip) | OPPO | Use case of gesture recognition in smart home | Noted | *Revision of S1-223170.*Revision of S1-223349. |
| Cont | [S1-223188](file:///E%3A%5CTSGS1_100_Toulouse%5CDocs%5CS1-223188.zip) | TOYOTA  | TR22.837 – A new use case on UE identification for coordinated | Noted |  |
| Cont | [S1-223350](file:///E%3A%5CTSGS1_100_Toulouse%5C_Drafting%5Cdocs%5CS1-223350.zip) | TOYOTA  | TR22.837 – A new use case on UE identification for coordinated | Withdrawn | Revision of S1-223188. |
| Cont | [S1-223192](file:///E%3A%5CTSGS1_100_Toulouse%5CDocs%5CS1-223192.zip) | Xiaomi  | New use case on privacy protection of sensing target | Revised to S1-223351 |  |
| Cont | [S1-223351](file:///E%3A%5CTSGS1_100_Toulouse%5C_Drafting%5Cdocs%5CS1-223351.zip) | Xiaomi  | New use case on privacy protection of sensing target | Noted | Revision of S1-223192. |
| Cont | [S1-223195](file:///E%3A%5CTSGS1_100_Toulouse%5CDocs%5CS1-223195.zip) | Xiaomi  | New use case on sensing assisted high-definition map construction | Revised to S1-223487 |  |
| Cont | [S1-223487](file:///E%3A%5CTSGS1_100_Toulouse%5C_Drafting%5Cdocs%5CS1-223487.zip) | Xiaomi  | New use case on sensing assisted high-definition map construction | Revised to S1-223594 | Revision of S1-223195. |
| Cont | [S1-223594](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223594.zip) | Xiaomi  | New use case on sensing assisted high-definition map construction | Revised to S1-223695 | *Revision of S1-223195.*Revision of S1-223487. |
| Cont | [S1-223695](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223695.zip) | Xiaomi  | New use case on sensing assisted high-definition map construction | Withdrawn | *Revision of S1-223195.**Revision of S1-223487.*Revision of S1-223594. |
| Cont | [S1-223200](file:///E%3A%5CTSGS1_100_Toulouse%5CDocs%5CS1-223200.zip) | Huawei  | New use case: Immersive experience based on Sensing | Revised to S1-223488 |  |
| Cont | [S1-223488](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223488.zip) | Huawei  | New use case: Immersive experience based on Sensing | Agreed | Revision of S1-223200. |
| Cont | [S1-223234](file:///E%3A%5CTSGS1_100_Toulouse%5CDocs%5CS1-223234.zip) | Xiaomi  | Use case on competition of sensing service | Noted |  |
| Cont | [S1-223247](file:///E%3A%5CTSGS1_100_Toulouse%5CDocs%5CS1-223247.zip) | Lenovo | Use Case of UE-based sensing | Revised to S1-223489 |  |
| Cont | [S1-223489](file:///E%3A%5CTSGS1_100_Toulouse%5C_Drafting%5Cdocs%5CS1-223489.zip) | Lenovo | Use Case of UE-based sensing | Revised to S1-223595 | Revision of S1-223247. |
| Cont | [S1-223595](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223595.zip) | Lenovo | Use Case of UE-based sensing | Noted | *Revision of S1-223247.*Revision of S1-223489. |
| Cont | [S1-223158](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223158.zip) | vivo, CMCC | Use case on accurate sensing for automotive maneuvering and navigation | Revised to S1-223490 | Moved from 7.2 |
| Cont | [S1-223490](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223490.zip) | vivo, CMCC | Use case on accurate sensing for automotive maneuvering and navigation | Revised to S1-223604 | *Moved from 7.2*Revision of S1-223158. |
| Cont | [S1-223604](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223604.zip) | vivo, CMCC | Use case on accurate sensing for automotive maneuvering and navigation | Agreed | *Moved from 7.2**Revision of S1-223158.*Revision of S1-223490.Clean up, reliability and the numbering of requirements. |
| Cont | [S1-223252](file:///E%3A%5CTSGS1_100_Toulouse%5CDocs%5CS1-223252.zip) | Lenovo | Update for Use Case of Walking assistance | Revised to S1-223500 |  |
| Cont | [S1-223500](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223500.zip) | Lenovo | Update for Use Case of Walking assistance | Noted | Revision of S1-223252. |
| Others |
| Cont | [S1-223037](file:///E%3A%5CTSGS1_100_Toulouse%5CDocs%5CS1-223037.zip) | Xiaomi  | Sensing examples | Noted |  |
| Cont | [S1-223039](file:///E%3A%5CTSGS1_100_Toulouse%5CDocs%5CS1-223039.zip) | Xiaomi  | Sensing charging consideration | Revised to S1-223502 |  |
| Cont | [S1-223502](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223502.zip) | Xiaomi  | Sensing charging consideration | Revised to S1-223605 | Revision of S1-223039. |
| Cont | [S1-223605](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223605.zip) | Xiaomi  | Sensing charging consideration | Noted | *Revision of S1-223039.*Revision of S1-223502. |
| Cont | [S1-223050](file:///E%3A%5CTSGS1_100_Toulouse%5CDocs%5CS1-223050.zip) | Xiaomi  | Sensing privacy consideration update | Revised to S1-223503 |  |
| Cont | [S1-223503](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223503.zip) | Xiaomi  | Sensing privacy consideration update | Revised to S1-223606 | Revision of S1-223050. |
| Cont | [S1-223606](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223606.zip) | Xiaomi  | Sensing privacy consideration update | Agreed | *Revision of S1-223050.*Revision of S1-223503.No changes on changes.  |
| Cont | [S1-223051](file:///E%3A%5CTSGS1_100_Toulouse%5CDocs%5CS1-223051.zip) | Xiaomi  | Sensing Mission Critical and other priority services consideration update | Revised to S1-223504 |  |
| Cont | [S1-223504](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223504.zip) | Xiaomi  | Sensing Mission Critical and other priority services consideration update | Revised to S1-223607 | Revision of S1-223051. |
| Cont | [S1-223607](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223607.zip) | Xiaomi  | Sensing Mission Critical and other priority services consideration update | Agreed | *Revision of S1-223051.*Revision of S1-223504.No changes on changes.  |
| Cont | [S1-223248](file:///E%3A%5CTSGS1_100_Toulouse%5CDocs%5CS1-223248.zip) | Lenovo | modes of 5GS sensing service | Noted |  |
| REP | [S1-223011](file:///E%3A%5CTSGS1_100_Toulouse%5CDocs%5CS1-223011.zip) | KPN | FS\_Sensing Slides Offline\_CC 18th October 2022 | Noted | Slides used during conference call (18/10/22). Just for info. |
| FS\_ Sensing Output |
| TR | [S1-223507](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223507.zip) | Rapporteur (Deutsche Telekom) | TR 22.837v0.3.0 Study on Integrated Sensing and Communication | Agreed | First draft by Tuesday 22nd 23:00 UTC Comments till Tuesday 29th 23:00 UTC Final version by Wednesday 30th 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 22.840v0.2.0](https://ftp.3gpp.org/Specs/archive/22_series/22.840/22840-020.zip)Target completion date: SA#98 (12/2022)Percentage completion: 50% |
| General |
| TR | [S1-223207](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223207.zip) | KPN  | Clean up FS\_Ambient IoT TR | Agreed |  |
| Cont | [S1-223168](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223168.zip) | OPPO  | Pseudo-CR on definition and scope for Ambient IoT  | Revised to S1-223321 |  |
| Cont | [S1-223321](file:///E%3A%5CTSGS1_100_Toulouse%5C_Drafting%5Cdocs%5CS1-223321.zip) | OPPO  | Pseudo-CR on definition and scope for Ambient IoT  | Agreed | Revision of S1-223168.. |
| Cont | [S1-223182](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223182.zip) | China Mobile  | pCR on updates to Definitions of Ambient IoT | Noted |  |
| Cont | [S1-223162](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223162.zip) | OPPO | On ambient power and energy storage | Noted |  |
| Cont | [S1-223164](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223164.zip) | OPPO | Pseudo-CR on Ambient power and energy storage for Ambient IoT | Revised to S1-223322 |  |
| Cont | [S1-223322](file:///E%3A%5CTSGS1_100_Toulouse%5C_Drafting%5Cdocs%5CS1-223322.zip) | OPPO | Pseudo-CR on Ambient power and energy storage for Ambient IoT | Revised to S1-223698 | Revision of S1-223164. |
| Cont | [S1-223698](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223698.zip) | OPPO | Pseudo-CR on Ambient power and energy storage for Ambient IoT | Agreed | *Revision of S1-223164.*Revision of S1-223322.Printed solid-state |
| Cont | [S1-223165](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223165.zip) | OPPO | Discussion on remaining issue on KPI table template | Revised to S1-223544 | ” |
| Cont | [S1-223544](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223544.zip) | OPPO | Discussion on remaining issue on KPI table template | Revised to S1-223631 | *”*Revision of S1-223165. |
| Cont | [S1-223631](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223631.zip) | OPPO | Discussion on remaining issue on KPI table template | Revised to S1-223699 | *”**Revision of S1-223165.*Revision of S1-223544. |
| Cont | [S1-223699](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223699.zip) | OPPO | Discussion on remaining issue on KPI table template | endorsed | *Revision of S1-223165.**Revision of S1-223544.*Revision of S1-223631. |
| Cont | [S1-223166](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223166.zip) | OPPO  | Pseudo-CR to update the KPI tables in TR 22840  | endorsed |  |
| Cont | [S1-223362](file:///E%3A%5CTSGS1_100_Toulouse%5C_Drafting%5Cdocs%5CS1-223362.zip) | OPPO  | Pseudo-CR to update the KPI tables in TR 22840  | Withdrawn | Revision of S1-223166. |
| Cont | [S1-223233](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223233.zip) | Huawei | Discussion paper: generic KPI table proposal for consolidated KPIs | Noted |  |
| Cont | [S1-223232](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223232.zip) | Huawei | proposal AmbientIoT KPI table for Consolidated KPIs  | Noted |  |
| Former Use Cases |
| Cont | [S1-223082](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223082.zip) | ZTE  | pCR to remove editor’s notes in clause 5.11 | Revised to S1-223358 |  |
| Cont | [S1-223358](file:///E%3A%5CTSGS1_100_Toulouse%5C_Drafting%5Cdocs%5CS1-223358.zip) | ZTE  | pCR to remove editor’s notes in clause 5.11 | Revised to S1-223545 | Revision of S1-223082. |
| Cont | [S1-223545](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223545.zip) | ZTE  | pCR to remove editor’s notes in clause 5.11 | Agreed | *Revision of S1-223082.*Revision of S1-223358.Clean changes on changes. |
| Cont | [S1-223083](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223083.zip) | ZTE  | pCR to remove editor’s notes in clause 5.2 | Revised to S1-223359 |  |
| Cont | [S1-223359](file:///E%3A%5CTSGS1_100_Toulouse%5C_Drafting%5Cdocs%5CS1-223359.zip) | ZTE  | pCR to remove editor’s notes in clause 5.2 | Revised to S1-223546 | Revision of S1-223083. |
| Cont | [S1-223546](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223546.zip) | ZTE  | pCR to remove editor’s notes in clause 5.2 | Agreed | *Revision of S1-223083.*Revision of S1-223359. |
| Cont | [S1-223101](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223101.zip) | Qualcomm  | Update to Clause 5.8  | Revised to S1-223356 |  |
| Cont | [S1-223356](file:///E%3A%5CTSGS1_100_Toulouse%5C_Drafting%5Cdocs%5CS1-223356.zip) | Qualcomm  | Update to Clause 5.8  | Agreed | Revision of S1-223101. |
| Cont | [S1-223102](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223102.zip) | Qualcomm  | Update to Clause 5.7  | Revised to S1-223357 |  |
| Cont | [S1-223357](file:///E%3A%5CTSGS1_100_Toulouse%5C_Drafting%5Cdocs%5CS1-223357.zip) | Qualcomm  | Update to Clause 5.7  | Agreed | Revision of S1-223102. |
| Cont | [S1-223128](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223128.zip) | vivo | KPI update for Ambient IoT in personal belongings finding | Revised to S1-223360 |  |
| Cont | [S1-223360](file:///E%3A%5CTSGS1_100_Toulouse%5C_Drafting%5Cdocs%5CS1-223360.zip) | vivo | KPI update for Ambient IoT in personal belongings finding | Agreed | Revision of S1-223128. |
| Cont | [S1-223163](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223163.zip) | OPPO | Pseudo-CR on updates to clause 5.14 | Revised to S1-223361 |  |
| Cont | [S1-223361](file:///E%3A%5CTSGS1_100_Toulouse%5C_Drafting%5Cdocs%5CS1-223361.zip) | OPPO | Pseudo-CR on updates to clause 5.14 | Agreed | Revision of S1-223163 |
| Cont | [S1-223179](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223179.zip) | China Mobile  | pCR on update service requirements for use case: Ambient IoT for Base Station Machine Room Environmental Supervision | Revised to S1-223480 |  |
| Cont | [S1-223480](file:///E%3A%5CTSGS1_100_Toulouse%5C_Drafting%5Cdocs%5CS1-223480.zip) | China Mobile  | pCR on update service requirements for use case: Ambient IoT for Base Station Machine Room Environmental Supervision | Agreed | Revision of S1-223179. |
| Cont | [S1-223548](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223548.zip) | China Mobile  | pCR on update service requirements for use case: Ambient IoT for Base Station Machine Room Environmental Supervision | Withdrawn | *Revision of S1-223179.*Revision of S1-223480. |
| Cont | [S1-223180](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223180.zip) | China Mobile  | pCR on Update service requirements for use case-Ambient\_IoT for automated warehousing | Revised to S1-223481 |  |
| Cont | [S1-223481](file:///E%3A%5CTSGS1_100_Toulouse%5C_Drafting%5Cdocs%5CS1-223481.zip) | China Mobile  | pCR on Update service requirements for use case-Ambient\_IoT for automated warehousing | Agreed | Revision of S1-223180. |
| Cont | [S1-223549](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223549.zip) | China Mobile  | pCR on Update service requirements for use case-Ambient\_IoT for automated warehousing | Withdrawn | *Revision of S1-223180.*Revision of S1-223481. |
| Cont | [S1-223183](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223183.zip) | Xiaomi  | Update to Use case on LCS of Ambient IoT | Revised to S1-223363 |  |
| Cont | [S1-223363](file:///E%3A%5CTSGS1_100_Toulouse%5C_Drafting%5Cdocs%5CS1-223363.zip) | Xiaomi  | Update to Use case on LCS of Ambient IoT | Agreed | Revision of S1-223183. |
| Cont | [S1-223196](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223196.zip) | Xiaomi  | Update to Use case on Ranging of Ambient IoT | Revised to S1-223364 |  |
| Cont | [S1-223364](file:///E%3A%5CTSGS1_100_Toulouse%5C_Drafting%5Cdocs%5CS1-223364.zip) | Xiaomi  | Update to Use case on Ranging of Ambient IoT | Agreed | Revision of S1-223196. |
| Cont | [S1-223206](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223206.zip) | China Telecom | Pseudo-CR to remove editor’s notes in clause 5.6 | Revised to S1-223365 |  |
| Cont | [S1-223365](file:///E%3A%5CTSGS1_100_Toulouse%5C_Drafting%5Cdocs%5CS1-223365.zip) | China Telecom | Pseudo-CR to remove editor’s notes in clause 5.6 | Revised to S1-223583 | Revision of S1-223206. |
| Cont | [S1-223583](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223583.zip) | China Telecom | Pseudo-CR to remove editor’s notes in clause 5.6 | Agreed | *Revision of S1-223206.*Revision of S1-223365. |
| Cont | [S1-223208](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223208.zip) | KPN, Huawei | Update of KPI values in traffic scenario 6.1 | Revised to S1-223366 |  |
| Cont | [S1-223366](file:///E%3A%5CTSGS1_100_Toulouse%5C_Drafting%5Cdocs%5CS1-223366.zip) | KPN, Huawei | Update of KPI values in traffic scenario 6.1 | Revised to S1-223556 | Revision of S1-223208. |
| Cont | [S1-223556](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223556.zip) | KPN, Huawei | Update of KPI values in traffic scenario 6.1 | Agreed | *Revision of S1-223208.*Revision of S1-223366.Remove Device per UE column. Spell out EPC |
| Cont | [S1-223222](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223222.zip) | Huawei  | update to traffic scenario 6\_2 | Revised to S1-223367 |  |
| Cont | [S1-223367](file:///E%3A%5CTSGS1_100_Toulouse%5C_Drafting%5Cdocs%5CS1-223367.zip) | Huawei  | update to traffic scenario 6\_2 | Revised to S1-223557 | Revision of S1-223222.< inside the bracket |
| Cont | [S1-223557](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223557.zip) | Huawei  | update to traffic scenario 6\_2 | Revised to S1-223582 | *Revision of S1-223222.**< inside the bracket*Revision of S1-223367. |
| Cont | [S1-223582](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223582.zip) | Huawei  | update to traffic scenario 6\_2 | Agreed | *Revision of S1-223222.**Revision of S1-223367.*Revision of S1-223557.Final clean up |
| Cont | [S1-223235](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223235.zip) | Apple | pCR on Update to Device Activation and Deactivation use case | Agreed |  |
| Cont | [S1-223245](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223245.zip) | InterDigital | Update to the Use Case on Ambient IoT for Base Station Machine Room Environmental Supervision | Noted |  |
| Cont | [S1-223246](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223246.zip) | InterDigital | Update to the Use Case for supporting Ambient power-enabled IoT in non-public network for logistics | Revised to S1-223368 |  |
| Cont | [S1-223368](file:///E%3A%5CTSGS1_100_Toulouse%5C_Drafting%5Cdocs%5CS1-223368.zip) | InterDigital | Update to the Use Case for supporting Ambient power-enabled IoT in non-public network for logistics | Noted | Revision of S1-223246. |
| New Use Cases |
| Cont | [S1-223012](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223012.zip) | Wiliot Ltd. | New use case: Fresh Food Supply Chain | Revised to S1-223323 |  |
| Cont | [S1-223323](file:///E%3A%5CTSGS1_100_Toulouse%5C_Drafting%5Cdocs%5CS1-223323.zip) | Wiliot Ltd. | New use case: Fresh Food Supply Chain | Revised to S1-223547 | Revision of S1-223012. |
| Cont | [S1-223547](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223547.zip) | Wiliot Ltd. | New use case: Fresh Food Supply Chain | Revised to S1-223571 | *Revision of S1-223012.*Revision of S1-223323. |
| Cont | [S1-223571](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223571.zip) | Wiliot Ltd. | New use case: Fresh Food Supply Chain | Agreed | *Revision of S1-223012.**Revision of S1-223323.*Revision of S1-223547. |
| Cont | [S1-223088](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223088.zip) | Intel | Use case on Applications requiring Fault-tolerant and Time bound Reliable ambientIoT communication. | Revised to S1-223324 |  |
| Cont | [S1-223324](file:///E%3A%5CTSGS1_100_Toulouse%5C_Drafting%5Cdocs%5CS1-223324.zip) | Intel | Use case on Applications requiring Fault-tolerant and Time bound Reliable ambientIoT communication. | Revised to S1-223559 | Revision of S1-223088. |
| Cont | [S1-223559](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223559.zip) | Intel | Use case on Applications requiring Fault-tolerant and Time bound Reliable ambientIoT communication. | Revised to S1-223696 | *Revision of S1-223088.*Revision of S1-223324. |
| Cont | [S1-223696](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223696.zip) | Intel | Use case on Applications requiring Fault-tolerant and Time bound Reliable ambientIoT communication. | Revised to S1-223700 | *Revision of S1-223088.**Revision of S1-223324.*Revision of S1-223559. |
| Cont | [S1-223700](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223700.zip) | Intel | Use case on Applications requiring Fault-tolerant and Time bound Reliable ambientIoT communication. | Agreed | *Revision of S1-223088.**Revision of S1-223324.**Revision of S1-223559.*Revision of S1-223696.Clean up. Editor’s note to the first req., |
| Cont | [S1-223114](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223114.zip) | CATT | use case on Ambient IoT for Last Mile Delivery Tracking | Revised to S1-223325 |  |
| Cont | [S1-223325](file:///E%3A%5CTSGS1_100_Toulouse%5C_Drafting%5Cdocs%5CS1-223325.zip) | CATT | use case on Ambient IoT for Last Mile Delivery Tracking | Revised to S1-223572 | Revision of S1-223114. |
| Cont | [S1-223572](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223572.zip) | CATT | use case on Ambient IoT for Last Mile Delivery Tracking | Noted | *Revision of S1-223114.*Revision of S1-223325. |
| Cont | [S1-223129](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223129.zip) | vivo | New use case: Ambient IoT in Smart Agriculture | Revised to S1-223326 |  |
| Cont | [S1-223326](file:///E%3A%5CTSGS1_100_Toulouse%5C_Drafting%5Cdocs%5CS1-223326.zip) | vivo | New use case: Ambient IoT in Smart Agriculture | Revised to S1-223482 | Revision of S1-223129. |
| Cont | [S1-223482](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223482.zip) | vivo | New use case: Ambient IoT in Smart Agriculture | Revised to S1-223560 | *Revision of S1-223129.*Revision of S1-223326. |
| Cont | [S1-223560](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223560.zip) | vivo | New use case: Ambient IoT in Smart Agriculture | Revised to S1-223573 | *Revision of S1-223129.**Revision of S1-223326.*Revision of S1-223482. |
| Cont | [S1-223573](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223573.zip) | vivo | New use case: Ambient IoT in Smart Agriculture | Agreed | *Revision of S1-223129.**Revision of S1-223326.**Revision of S1-223482.*Revision of S1-223560.Footer in the image. Remove PR #2. Change symbol in the KPI table. |
| Cont | [S1-223190](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223190.zip) | Xiaomi | Use Case on Ambient IoT for Museum Guide | Revised to S1-223327 |  |
| Cont | [S1-223327](file:///E%3A%5CTSGS1_100_Toulouse%5C_Drafting%5Cdocs%5CS1-223327.zip) | Xiaomi | Use Case on Ambient IoT for Museum Guide | Revised to S1-223562 | Revision of S1-223190. |
| Cont | [S1-223562](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223562.zip) | Xiaomi | Use Case on Ambient IoT for Museum Guide | Agreed | *Revision of S1-223190.*Revision of S1-223327.Remove req. #5 |
| Cont | [S1-223193](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223193.zip) | Xiaomi | Use Case on Ambient IoT for Environmental Monitoring of Meseum Exhibits | Revised to S1-223328 |  |
| Cont | [S1-223328](file:///E%3A%5CTSGS1_100_Toulouse%5C_Drafting%5Cdocs%5CS1-223328.zip) | Xiaomi | Use Case on Ambient IoT for Environmental Monitoring of Meseum Exhibits | Noted | Revision of S1-223193. |
| Cont | [S1-223194](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223194.zip) | Xiaomi | Use Case on Ambient IoT for Self-service Library | Revised to S1-223329 |  |
| Cont | [S1-223329](file:///E%3A%5CTSGS1_100_Toulouse%5C_Drafting%5Cdocs%5CS1-223329.zip) | Xiaomi | Use Case on Ambient IoT for Self-service Library | Revised to S1-223563 | Revision of S1-223194. |
| Cont | [S1-223563](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223563.zip) | Xiaomi | Use Case on Ambient IoT for Self-service Library | Noted | *Revision of S1-223194.*Revision of S1-223329. |
| Cont | [S1-223223](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223223.zip) | Huawei  | use case-grazing dairy farm\_was S1-222185\_pCR-22840-Ambient\_IoT in smart livestock farming | Revised to S1-223330 |  |
| Cont | [S1-223330](file:///E%3A%5CTSGS1_100_Toulouse%5C_Drafting%5Cdocs%5CS1-223330.zip) | Huawei  | use case-grazing dairy farm\_was S1-222185\_pCR-22840-Ambient\_IoT in smart livestock farming | Revised to S1-223551 | Revision of S1-223223. |
| Cont | [S1-223551](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223551.zip) | Huawei  | use case-grazing dairy farm\_was S1-222185\_pCR-22840-Ambient\_IoT in smart livestock farming | Revised to S1-223684 | *Revision of S1-223223.*Revision of S1-223330. |
| Cont | [S1-223564](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223564.zip) | Huawei  | use case-grazing dairy farm\_was S1-222185\_pCR-22840-Ambient\_IoT in smart livestock farming | Revised to S1-223684 | *Revision of S1-223223.**Revision of S1-223330.*Revision of S1-223551. |
| Cont | [S1-223684](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223684.zip) | Huawei  | use case-grazing dairy farm\_was S1-222185\_pCR-22840-Ambient\_IoT in smart livestock farming | Revised to S1-223702 | *Revision of S1-223223.**Revision of S1-223330.**Revision of S1-223551.*Revision of S1-223564. |
| Cont | [S1-223702](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223702.zip) | Huawei  | use case-grazing dairy farm\_was S1-222185\_pCR-22840-Ambient\_IoT in smart livestock farming | Agreed | *Revision of S1-223223.**Revision of S1-223330.**Revision of S1-223551.**Revision of S1-223564.*Revision of S1-223684.Communication range is FFS. Clean up |
| Cont | [S1-223224](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223224.zip) | Huawei  | smart pig farm\_was S1-222185\_pCR-22840-Ambient\_IoT in smart livestock farming | Revised to S1-223331 |  |
| Cont | [S1-223331](file:///E%3A%5CTSGS1_100_Toulouse%5C_Drafting%5Cdocs%5CS1-223331.zip) | Huawei  | smart pig farm\_was S1-222185\_pCR-22840-Ambient\_IoT in smart livestock farming | Revised to S1-223552 | Revision of S1-223224. |
| Cont | [S1-223552](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223552.zip) | Huawei  | smart pig farm\_was S1-222185\_pCR-22840-Ambient\_IoT in smart livestock farming | Revised to S1-223561 | *Revision of S1-223224.*Revision of S1-223331. |
| Cont | [S1-223561](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223561.zip) | Huawei  | smart pig farm\_was S1-222185\_pCR-22840-Ambient\_IoT in smart livestock farming | Revised to S1-223565 | *Revision of S1-223224.**Revision of S1-223331.*Revision of S1-223552. |
| Cont | [S1-223565](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223565.zip) | Huawei  | smart pig farm\_was S1-222185\_pCR-22840-Ambient\_IoT in smart livestock farming | Revised to S1-223679 | *Revision of S1-223224.**Revision of S1-223331.**Revision of S1-223552.*Revision of S1-222561. |
| Cont | [S1-223679](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223679.zip) | Huawei  | smart pig farm\_was S1-222185\_pCR-22840-Ambient\_IoT in smart livestock farming | Revised to S1-223703 | *Revision of S1-223224.**Revision of S1-223331.**Revision of S1-223552.**Revision of S1-222561.*Revision of S1-223565. |
| Cont | [S1-223703](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223703.zip) | Huawei  | smart pig farm\_was S1-222185\_pCR-22840-Ambient\_IoT in smart livestock farming | Agreed | *Revision of S1-223224.**Revision of S1-223331.**Revision of S1-223552.**Revision of S1-222561.**Revision of S1-223565.*Revision of S1-223679.Clean up |
| Cont | [S1-223226](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223226.zip) | Huawei  | Use case smart monitoring of manhole cover using Ambient IoT  | Revised to S1-223332 |  |
| Cont | [S1-223332](file:///E%3A%5CTSGS1_100_Toulouse%5C_Drafting%5Cdocs%5CS1-223332.zip) | Huawei  | Use case smart monitoring of manhole cover using Ambient IoT  | Revised to S1-223553 | Revision of S1-223226. |
| Cont | [S1-223553](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223553.zip) | Huawei  | Use case smart monitoring of manhole cover using Ambient IoT  | Revised to S1-223566 | *Revision of S1-223226.*Revision of S1-223332. |
| Cont | [S1-223566](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223566.zip) | Huawei  | Use case smart monitoring of manhole cover using Ambient IoT  | Revised to S1-223685 | *Revision of S1-223226.**Revision of S1-223332.*Revision of S1-223553. |
| Cont | [S1-223685](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223685.zip) | Huawei  | Use case smart monitoring of manhole cover using Ambient IoT  | Revised to S1-223704 | *Revision of S1-223226.**Revision of S1-223332.**Revision of S1-223553.*Revision of S1-223566. |
| Cont | [S1-223704](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223704.zip) | Huawei  | Use case smart monitoring of manhole cover using Ambient IoT  | Agreed | *Revision of S1-223226.**Revision of S1-223332.**Revision of S1-223553.**Revision of S1-223566.*Revision of S1-223685.Clean up. Communication range FFS |
| Cont | [S1-223230](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223230.zip) | Huawei | Use case smart bridge health monitoring using Ambient IoT  | Revised to S1-223352 |  |
| Cont | [S1-223352](file:///E%3A%5CTSGS1_100_Toulouse%5C_Drafting%5Cdocs%5CS1-223352.zip) | Huawei | Use case smart bridge health monitoring using Ambient IoT  | Revised to S1-223554 | Revision of S1-223230. |
| Cont | [S1-223554](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223554.zip) | Huawei | Use case smart bridge health monitoring using Ambient IoT  | Revised to S1-223567 | *Revision of S1-223230.*Revision of S1-223352. |
| Cont | [S1-223567](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223567.zip) | Huawei | Use case smart bridge health monitoring using Ambient IoT  | Revised to S1-223686 | *Revision of S1-223230.**Revision of S1-223352.*Revision of S1-223554. |
| Cont | [S1-223686](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223686.zip) | Huawei | Use case smart bridge health monitoring using Ambient IoT  | Revised to S1-223705 | *Revision of S1-223230.**Revision of S1-223352.**Revision of S1-223554.*Revision of S1-223567. |
| Cont | [S1-223705](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223705.zip) | Huawei | Use case smart bridge health monitoring using Ambient IoT  | Agreed | *Revision of S1-223230.**Revision of S1-223352.**Revision of S1-223554.**Revision of S1-223567.*Revision of S1-223686.Clean up. Range communication is FFS. |
| Cont | [S1-223231](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223231.zip) | Vodafone | Elderly Health Care | Revised to S1-223353 |  |
| Cont | [S1-223353](file:///E%3A%5CTSGS1_100_Toulouse%5C_Drafting%5Cdocs%5CS1-223353.zip) | Vodafone | Elderly Health Care | Revised to S1-223555 | Revision of S1-223231. |
| Cont | [S1-223555](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223555.zip) | Vodafone | Elderly Health Care | Agreed | *Revision of S1-223231.*Revision of S1-223353. |
| Cont | [S1-223663](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223663.zip) | Vodafone | Elderly Health Care | Withdrawn | *Revision of S1-223231.**Revision of S1-223353.*Revision of S1-223555. |
| Cont | [S1-223244](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223244.zip) | KPN | pCR on Use case on end-to-end logistics | Revised to S1-223354 |  |
| Cont | [S1-223354](file:///E%3A%5CTSGS1_100_Toulouse%5C_Drafting%5Cdocs%5CS1-223354.zip) | KPN | pCR on Use case on end-to-end logistics | Revised to S1-223568 | Revision of S1-223244. |
| Cont | [S1-223568](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223568.zip) | KPN | pCR on Use case on end-to-end logistics | Revised to S1-223706 | *Revision of S1-223244.*Revision of S1-223354. |
| Cont | [S1-223706](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223706.zip) | KPN | pCR on Use case on end-to-end logistics | Agreed | *Revision of S1-223244.**Revision of S1-223354.*Revision of S1-223568. |
| Cont | [S1-223250](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223250.zip) | KPN | pCR on Use case on pressure powered switch | Revised to S1-223355 |  |
| Cont | [S1-223355](file:///E%3A%5CTSGS1_100_Toulouse%5C_Drafting%5Cdocs%5CS1-223355.zip) | KPN | pCR on Use case on pressure powered switch | Revised to S1-223569 | Revision of S1-223250. |
| Cont | [S1-223569](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223569.zip) | KPN | pCR on Use case on pressure powered switch | Revised to S1-223707 | *Revision of S1-223250.*Revision of S1-223355. |
| Cont | [S1-223707](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223707.zip) | KPN | pCR on Use case on pressure powered switch | Agreed | *Revision of S1-223250.**Revision of S1-223355.*Revision of S1-223569.Editor’s note: transaction is for FFS. |
| Others |
| Cont | [S1-223228](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223228.zip) | Ericsson  | Annex for considerations when choosing harvesting source | Revised to S1-223369 |  |
| Cont | [S1-223369](file:///E%3A%5CTSGS1_100_Toulouse%5C_Drafting%5Cdocs%5CS1-223369.zip) | Ericsson  | Annex for considerations when choosing harvesting source | Revised to S1-223570 | Revision of S1-223228. |
| Cont | [S1-223570](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223570.zip) | Ericsson  | Annex for considerations when choosing harvesting source | Revised to S1-223708 | *Revision of S1-223228.*Revision of S1-223369. |
| Cont | [S1-223708](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223708.zip) | Ericsson  | Annex for considerations when choosing harvesting source | Agreed | *Revision of S1-223228.**Revision of S1-223369.*Revision of S1-223570.Adding companies to source |
| Cont | [S1-223229](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223229.zip) | KPN | Pseudo-CR on Annex A: Ambient IoT availability scenarios | Agreed |  |
| Cont | [S1-223171](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223171.zip) | OPPO  | Consolidation on Functional Requirement of Ambient IoT | Noted |  |
| Cont | [S1-223130](file:///E%3A%5CTSGS1_100_Toulouse%5CDocs%5CS1-223130.zip) | vivo | Ambient IoT PCR: Categorization proposal for Service Requirements | Noted |  |
| REP | [S1-223010](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223010.zip) | KPN | Slides Offline\_CC 13th October 2022 | Noted | Slides used during conference call (13/10/22). Just for info. |
| REP | [S1-223022](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223022.zip) | KPN  | Slides Offline\_CC 26th October 2022 | Noted | Slides used during conference call (26/10/22). Just for info. |
| Cont | [S1-223157](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223157.zip) | vivo | Update use case on sleep monitoring | Moved to 7.1 |  |
| Cont | [S1-223158](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223158.zip) | vivo, CMCC | Use case on accurate sensing for automotive maneuvering and navigation | Moved to 7.1 |  |
| Cont | [S1-223159](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223159.zip) | vivo | Use case on roaming for sensing service of sports monitoring | Moved to 7.1 |  |
| Cont | [S1-223160](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223160.zip) | vivo, Deutsche Telekom, Nokia, CMCC | Definition on KPI indicators | Moved to 7.1 |  |
| FS\_AmbientIoT Output |
| TR | [S1-223736](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223736.zip) | Rapporteur (OPPO) | Cover sheet of the TR22.840 for information | Revised to S1-223737 |  |
| TR | [S1-223737](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223737.zip) | Rapporteur (OPPO) | Cover sheet of the TR22.840 for information | Agreed | Revision of S1-223736.Outstanding Issues:Complete Potential requirements and KPIs. Consolidation.ConclusionsNo controversial issues |
| TR | [S1-223508](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223508.zip) | Rapporteur (OPPO) | TR 22.840v0.3.0 Study on Ambient power-enabled Internet of Things | Agreed | First draft by Tuesday 22nd 23:00 UTC Comments till Tuesday 29th 23:00 UTC Final version by Wednesday 30th 23:00 UTC |
| 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 22.856v0.2.0](https://ftp.3gpp.org/Specs/archive/22_series/22.856/22856-020.zip)Target completion date: SA#99 (03/2023)Percentage completion: 40% |
| General |
| Cont | [S1-223052](file:///C%3A%5CUsers%5CS029244%5CDocuments%5C3GPP%5CSA1_100_Toulouse%5Cdocs%5CS1-223052.zip) | Samsung | 22.856 pCR: Add an Overview | Revised to S1-223440 |  |
| Cont | [S1-223440](file:///C%3A%5CUsers%5CS029244%5CDocuments%5C3GPP%5CSA1_100_Toulouse%5Cdocs%5CS1-223440.zip) | Samsung | 22.856 pCR: Add an Overview | Agreed | Revision of S1-223052. |
| Cont | [S1-223053](file:///C%3A%5CUsers%5CS029244%5CDocuments%5C3GPP%5CSA1_100_Toulouse%5Cdocs%5CS1-223053.zip) | Samsung, Tencent | 22.856 pCR: Terminology for Mobile Metaverse Services | Revised to S1-223441 |  |
| Cont | [S1-223441](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223441.zip) | Samsung, Tencent | 22.856 pCR: Terminology for Mobile Metaverse Services | Revised to S1-223609 | Revision of S1-223053. |
| Cont | [S1-223609](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223609.zip) | Samsung, Tencent | 22.856 pCR: Terminology for Mobile Metaverse Services | Agreed | *Revision of S1-223053.*Revision of S1-223441.Remove spatial, delete second sentence from “**location agnostic”**  |
| Former Use Cases |
| Cont | [S1-223057](file:///C%3A%5CUsers%5CS029244%5CDocuments%5C3GPP%5CSA1_100_Toulouse%5Cdocs%5CS1-223057.zip) | Samsung | 22.856 pCR: addressing ENs in 5.1  | Revised to S1-223442 |  |
| Cont | [S1-223442](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223442.zip) | Samsung | 22.856 pCR: addressing ENs in 5.1  | Agreed | Revision of S1-223057. |
| Cont | [S1-223058](file:///C%3A%5CUsers%5CS029244%5CDocuments%5C3GPP%5CSA1_100_Toulouse%5Cdocs%5CS1-223058.zip) | Samsung | 22.856 pCR: address an EN in 5.4  | Revised to S1-223443 |  |
| Cont | [S1-223443](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223443.zip) | Samsung | 22.856 pCR: address an EN in 5.4  | Revised to S1-223610 | Revision of S1-223058. |
| Cont | [S1-223610](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223610.zip) | Samsung | 22.856 pCR: address an EN in 5.4  | Revised to S1-223709 | *Revision of S1-223058.*Revision of S1-223443. |
| Cont | [S1-223709](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223709.zip) | Samsung | 22.856 pCR: address an EN in 5.4  | Agreed | *Revision of S1-223058.**Revision of S1-223443.*Revision of S1-223610.Remove the names. Last Req “and specifically” |
| Cont | [S1-223059](file:///C%3A%5CUsers%5CS029244%5CDocuments%5C3GPP%5CSA1_100_Toulouse%5Cdocs%5CS1-223059.zip) | Samsung | 22.856 pCR: addressing ENs in 5.5  | Noted |  |
| Cont | [S1-223060](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223060.zip) | Samsung | 22.856 pCR: editorial clean up proposals for 5.10  | Noted |  |
| Cont | [S1-223445](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223445.zip) | Samsung | 22.856 pCR: editorial clean up proposals for 5.10  | Withdrawn | Revision of S1-223060. |
| Cont | [S1-223111](file:///C%3A%5CUsers%5CS029244%5CDocuments%5C3GPP%5CSA1_100_Toulouse%5Cdocs%5CS1-223111.zip) | China Mobile  | pCR Metaverse updated use case 5.8 | Revised to S1-223446 |  |
| Cont | [S1-223446](file:///C%3A%5CUsers%5CS029244%5CDocuments%5C3GPP%5CSA1_100_Toulouse%5Cdocs%5CS1-223446.zip) | China Mobile  | pCR Metaverse updated use case 5.8 | Revised to S1-223611 | Revision of S1-223111. |
| Cont | [S1-223611](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223611.zip) | China Mobile  | pCR Metaverse updated use case 5.8 | Agreed | *Revision of S1-223111.*Revision of S1-223446.Clean up |
| Cont | [S1-223142](file:///C%3A%5CUsers%5CS029244%5CDocuments%5C3GPP%5CSA1_100_Toulouse%5Cdocs%5CS1-223142.zip) | Huawei | Pseudo-CR on updates to clause 5.3 | Revised to S1-223447 |  |
| Cont | [S1-223447](file:///C%3A%5CUsers%5CS029244%5CDocuments%5C3GPP%5CSA1_100_Toulouse%5Cdocs%5CS1-223447.zip) | Huawei | Pseudo-CR on updates to clause 5.3 | Revised to S1-223612 | Revision of S1-223142. |
| Cont | [S1-223612](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223612.zip) | Huawei | Pseudo-CR on updates to clause 5.3 | Agreed | *Revision of S1-223142.*Revision of S1-223447. |
| Cont | [S1-223153](file:///C%3A%5CUsers%5CS029244%5CDocuments%5C3GPP%5CSA1_100_Toulouse%5Cdocs%5CS1-223153.zip) | Vivo | Pseudo-CR on update the power consumption for Immersive AR Interactive Experience | Revised to S1-223461 |  |
| Cont | [S1-223461](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223461.zip) | Vivo | Pseudo-CR on update the power consumption for Immersive AR Interactive Experience | Revised to S1-223613 | Revision of S1-223153. |
| Cont | [S1-223613](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223613.zip) | Vivo | Pseudo-CR on update the power consumption for Immersive AR Interactive Experience | Agreed | *Revision of S1-223153.*Revision of S1-223461. |
| Cont | [S1-223236](file:///C%3A%5CUsers%5CS029244%5CDocuments%5C3GPP%5CSA1_100_Toulouse%5Cdocs%5CS1-223236.zip) | InterDigital | Update to the Use Case for supporting Metaverse for Critical HealthCare Services | Merged to S1-223445 |  |
| Cont | [S1-223249](file:///C%3A%5CUsers%5CS029244%5CDocuments%5C3GPP%5CSA1_100_Toulouse%5Cdocs%5CS1-223249.zip) | Philips  | Update use case on synchronized predictive avatars | Agreed |  |
| New Use Cases |
| Cont | [S1-223043](file:///C%3A%5CUsers%5CS029244%5CDocuments%5C3GPP%5CSA1_100_Toulouse%5Cdocs%5CS1-223043.zip) | Orange, Huawei, Samsung, Xiaomi | Digital asset container, presentation, access and certification | Revised to S1-223462 |  |
| Cont | [S1-223462](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223462.zip) | Orange, Huawei, Samsung, Xiaomi | Digital asset container, presentation, access and certification | Revised to S1-223614 | Revision of S1-223043. |
| Cont | [S1-223614](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223614.zip) | Orange, Huawei, Samsung, Xiaomi | Digital asset container, presentation, access and certification | Agreed | *Revision of S1-223043.*Revision of S1-223462.Clean up |
| Cont | [S1-223044](file:///C%3A%5CUsers%5CS029244%5CDocuments%5C3GPP%5CSA1_100_Toulouse%5Cdocs%5CS1-223044.zip) | Orange, Huawei, Xiaomi | Interconnection of mobile metaverses | Revised to S1-223463 |  |
| Cont | [S1-223463](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223463.zip) | Orange, Huawei, Xiaomi | Interconnection of mobile metaverses | Revised to S1-223615 | Revision of S1-223044. |
| Cont | [S1-223615](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223615.zip) | Orange, Huawei, Xiaomi | Interconnection of mobile metaverses | Agreed | *Revision of S1-223044.*Revision of S1-223463.Clean up. Remove Note from Req#1. |
| Cont | [S1-223054](file:///C%3A%5CUsers%5CS029244%5CDocuments%5C3GPP%5CSA1_100_Toulouse%5Cdocs%5CS1-223054.zip) | Samsung, Orange, Huawei | 22.856 pcR: Digital Wallet Informative Annex | Agreed |  |
| Cont | [S1-223055](file:///C%3A%5CUsers%5CS029244%5CDocuments%5C3GPP%5CSA1_100_Toulouse%5Cdocs%5CS1-223055.zip) | Samsung  | 22.856 pCR: New Use Case on IMS-based 3D Avatar Communication | Revised to S1-223464 |  |
| Cont | [S1-223464](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223464.zip) | Samsung  | 22.856 pCR: New Use Case on IMS-based 3D Avatar Communication | Agreed | Revision of S1-223055. |
| Cont | [S1-223056](file:///C%3A%5CUsers%5CS029244%5CDocuments%5C3GPP%5CSA1_100_Toulouse%5Cdocs%5CS1-223056.zip) | Samsung | 22.856 pCR: New Use case on Entertainment Theme Park | Not Handled |  |
| Cont | [S1-223079](file:///C%3A%5CUsers%5CS029244%5CDocuments%5C3GPP%5CSA1_100_Toulouse%5Cdocs%5CS1-223079.zip) | vivo | use case on virtual humans in metaverse | Revised to S1-223465 |  |
| Cont | [S1-223465](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223465.zip) | vivo | use case on virtual humans in metaverse | Agreed | Revision of S1-223079. |
| Cont | [S1-223090](file:///C%3A%5CUsers%5CS029244%5CDocuments%5C3GPP%5CSA1_100_Toulouse%5Cdocs%5CS1-223090.zip) | Intel | Use Case on 3GPP based Digital Twin (DT) Security | Revised to S1-223466 |  |
| Cont | [S1-223466](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223466.zip) | Intel | Use Case on 3GPP based Digital Twin (DT) Security | Noted | Revision of S1-223090. |
| Cont | [S1-223094](file:///C%3A%5CUsers%5CS029244%5CDocuments%5C3GPP%5CSA1_100_Toulouse%5Cdocs%5CS1-223094.zip) | China Telecom, Tencent | New Use Case on Access to Avatars | Revised to S1-223312 |  |
| Cont | [S1-223312](file:///C%3A%5CUsers%5CS029244%5CDocuments%5C3GPP%5CSA1_100_Toulouse%5Cdocs%5CS1-223312.zip) | China Telecom, Tencent | New Use Case on Access to Avatars | Revised to S1-223467 | Revision of S1-223094. |
| Cont | [S1-223467](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223467.zip) | China Telecom, Tencent | New Use Case on Access to Avatars | Revised to S1-223617 | *Revision of S1-223094.*Revision of S1-223312. |
| Cont | [S1-223617](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223617.zip) | China Telecom, Tencent | New Use Case on Access to Avatars | Agreed | *Revision of S1-223094.**Revision of S1-223312.*Revision of S1-223467.Clean up. Delete “application and” from the 3 PRs. |
| Cont | [S1-223097](file:///C%3A%5CUsers%5CS029244%5CDocuments%5C3GPP%5CSA1_100_Toulouse%5Cdocs%5CS1-223097.zip) | NTT DOCOMO  | New use case of Work delegation to autonomous virtual alter ego | Revised to S1-223459 |  |
| Cont | [S1-223459](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223459.zip) | NTT DOCOMO  | New use case of Work delegation to autonomous virtual alter ego | Revised to S1-223469 | Revision of S1-223097. |
| Cont | [S1-223469](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223469.zip) | NTT DOCOMO  | New use case of Work delegation to autonomous virtual alter ego | Revised to S1-223608 | *Revision of S1-223097.*Revision of S1-223459. |
| Cont | [S1-223608](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223608.zip) | NTT DOCOMO  | New use case of Work delegation to autonomous virtual alter ego | Revised to S1-223618 | *Revision of S1-223097.**Revision of S1-223459.*Revision of S1-223469. |
| Cont | [S1-223618](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223618.zip) | NTT DOCOMO  | New use case of Work delegation to autonomous virtual alter ego | Revised to S1-223710 | *Revision of S1-223097.**Revision of S1-223459.**Revision of S1-223469.*Revision of S1-223608. |
| Cont | [S1-223710](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223710.zip) | NTT DOCOMO  | New use case of Work delegation to autonomous virtual alter ego | Agreed | *Revision of S1-223097.**Revision of S1-223459.**Revision of S1-223469.**Revision of S1-223608.*Revision of S1-223618.Delete first requirement. Delete “autonomous”for all req. Editors note to second requirement Authetication of digital entity is for FFS |
| Cont | [S1-223098](file:///C%3A%5CUsers%5CS029244%5CDocuments%5C3GPP%5CSA1_100_Toulouse%5Cdocs%5CS1-223098.zip) | NTT DOCOMO  | New use case of Information access service from public UE | Revised to S1-223460 |  |
| Cont | [S1-223460](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223460.zip) | NTT DOCOMO  | New use case of Information access service from public UE | Revised to S1-223470 | Revision of S1-223098. |
| Cont | [S1-223470](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223470.zip) | NTT DOCOMO  | New use case of Information access service from public UE | Revised to S1-223619 | *Revision of S1-223098.*Revision of S1-223460. |
| Cont | [S1-223619](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223619.zip) | NTT DOCOMO  | New use case of Information access service from public UE | Noted | *Revision of S1-223098.**Revision of S1-223460.*Revision of S1-223470. |
| Cont | [S1-223105](file:///C%3A%5CUsers%5CS029244%5CDocuments%5C3GPP%5CSA1_100_Toulouse%5Cdocs%5CS1-223105.zip) | China Mobile | Pseudo-CR on Use case of virtual store in a metaverse marketplace | Revised to S1-223458 |  |
| Cont | [S1-223458](file:///C%3A%5CUsers%5CS029244%5CDocuments%5C3GPP%5CSA1_100_Toulouse%5Cdocs%5CS1-223458.zip) | China Mobile | Pseudo-CR on Use case of virtual store in a metaverse marketplace | Revised to S1-223471 | Revision of S1-223105. |
| Cont | [S1-223471](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223471.zip) | China Mobile | Pseudo-CR on Use case of virtual store in a metaverse marketplace | Revised to S1-223677 | *Revision of S1-223105.*Revision of S1-223458. |
| Cont | [S1-223677](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223677.zip) | China Mobile | Pseudo-CR on Use case of virtual store in a metaverse marketplace | Agreed | *Revision of S1-223105.**Revision of S1-223458.*Revision of S1-223471. |
| Cont | [S1-223109](file:///C%3A%5CUsers%5CS029244%5CDocuments%5C3GPP%5CSA1_100_Toulouse%5Cdocs%5CS1-223109.zip) | China Mobile  | pCR Metaverse use case of cooperation between metaverse service and network | Revised to S1-223472 |  |
| Cont | [S1-223472](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223472.zip) | China Mobile  | pCR Metaverse use case of cooperation between metaverse service and network | Revised to S1-223620 | Revision of S1-223109. |
| Cont | [S1-223620](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223620.zip) | China Mobile  | pCR Metaverse use case of cooperation between metaverse service and network | Noted | *Revision of S1-223109.*Revision of S1-223472. |
| Cont | [S1-223110](file:///C%3A%5CUsers%5CS029244%5CDocuments%5C3GPP%5CSA1_100_Toulouse%5Cdocs%5CS1-223110.zip) | China Mobile  | pCR Metaverse use case of supporting virtual meeting room of financial services | Revised to S1-223473 |  |
| Cont | [S1-223473](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223473.zip) | China Mobile  | pCR Metaverse use case of supporting virtual meeting room of financial services | Revised to S1-223621 | Revision of S1-223110. |
| Cont | [S1-223621](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223621.zip) | China Mobile  | pCR Metaverse use case of supporting virtual meeting room of financial services | Revised to S1-223711 | *Revision of S1-223110.*Revision of S1-223473. |
| Cont | [S1-223711](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223711.zip) | China Mobile  | pCR Metaverse use case of supporting virtual meeting room of financial services | Agreed | *Revision of S1-223110.**Revision of S1-223473.*Revision of S1-223621. |
| Cont | [S1-223152](file:///C%3A%5CUsers%5CS029244%5CDocuments%5C3GPP%5CSA1_100_Toulouse%5Cdocs%5CS1-223152.zip) | Vivo | Discussion on energy consequence of metaverse media communication | Not Handled |  |
| Cont | [S1-223154](file:///C%3A%5CUsers%5CS029244%5CDocuments%5C3GPP%5CSA1_100_Toulouse%5Cdocs%5CS1-223154.zip) | Vivo | Pseudo-CR on communication power consumption analysis on mobile metaverse services | Revised to S1-223468 |  |
| Cont | [S1-223468](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223468.zip) | Vivo | Pseudo-CR on communication power consumption analysis on mobile metaverse services | Revised to S1-223475 | Revision of S1-223154. |
| Cont | [S1-223475](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223475.zip) | Vivo | Pseudo-CR on communication power consumption analysis on mobile metaverse services | Revised to S1-223622 | *Revision of S1-223154.*Revision of S1-223468. |
| Cont | [S1-223622](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223622.zip) | Vivo | Pseudo-CR on communication power consumption analysis on mobile metaverse services | Agreed | *Revision of S1-223154.**Revision of S1-223468.*Revision of S1-223475. |
| Cont | [S1-223204](file:///C%3A%5CUsers%5CS029244%5CDocuments%5C3GPP%5CSA1_100_Toulouse%5Cdocs%5CS1-223204.zip) | CableLabs | New Use Case - Metaverse Multi Access Scenario | Revised to S1-223474 |  |
| Cont | [S1-223474](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223474.zip) | CableLabs | New Use Case - Metaverse Multi Access Scenario | Revised to S1-223635 | Revision of S1-223204. |
| Cont | [S1-223635](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223635.zip) | CableLabs | New Use Case - Metaverse Multi Access Scenario | Noted | *Revision of S1-223204.*Revision of S1-223474. |
| Cont | [S1-223221](file:///C%3A%5CUsers%5CS029244%5CDocuments%5C3GPP%5CSA1_100_Toulouse%5Cdocs%5CS1-223221.zip) | Ericsson | Privacy-Aware Dynamic Network Exposure in Immersive Interactive Experiences | Revised to S1-223476 |  |
| Cont | [S1-223476](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223476.zip) | Ericsson | Privacy-Aware Dynamic Network Exposure in Immersive Interactive Experiences | Revised to S1-223637 | Revision of S1-223221. |
| Cont | [S1-223637](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223637.zip) | Ericsson | Privacy-Aware Dynamic Network Exposure in Immersive Interactive Experiences | Revised to S1-223712 | *Revision of S1-223221.*Revision of S1-223476. |
| Cont | [S1-223712](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223712.zip) | Ericsson | Privacy-Aware Dynamic Network Exposure in Immersive Interactive Experiences | Agreed | *Revision of S1-223221.**Revision of S1-223476.*Revision of S1-223637.Delete from 1st Req “, including but not limited to GDPR, CCPA, etc.” |
| Others |
|  | S1-223089 | Intel | Use Case on Digital Twin (DT) Security | Withdrawn |  |
|  | S1-223124 | China Mobile  | pCR Metaverse use case of key information synchronization among multiple metaverses | Withdrawn |  |
| FS\_Metaverse Output |
| TR | [S1-223509](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223509.zip) | Rapporteur (Samsung) | TR 22.856v0.3.0 Study on Localized Mobile Metaverse Services | Agreed | First draft by Tuesday 22nd 23:00 UTC Comments till Tuesday 29th 23:00 UTC Final version by Wednesday 30th 23:00 UTC |
| 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 22.851v0.2.0](https://ftp.3gpp.org/Specs/archive/22_series/22.851/22851-020.zip)Target completion date: SA#98 (03/2023)Percentage completion: 20% |
| General |
| TR | [S1-223038](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223038.zip) | China Unicom | Update skeleton-TR22851 | Revised to S1-223306 | Update v0.2.0 and generate version 0.2.1 |
| TR | [S1-223306](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223306.zip) | China Unicom | Update skeleton-TR22851 | Noted | *Update v0.2.0 and generate version 0.2.1*Revision of S1-223038. |
| Former Use Cases |
| Cont | [S1-223025](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223025.zip) | China Unicom | Updated use case on network access control and mobility requirements | Revised to S1-223410 |  |
| Cont | [S1-223410](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223410.zip) | China Unicom | Updated use case on network access control and mobility requirements | Revised to S1-223596 | Revision of S1-223025. |
| Cont | [S1-223596](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223596.zip) | China Unicom | Updated use case on network access control and mobility requirements | Revised to S1-223623 | *Revision of S1-223025.*Revision of S1-223410. |
| Cont | [S1-223623](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223623.zip) | China Unicom | Updated use case on network access control and mobility requirements | Agreed | *Revision of S1-223025.**Revision of S1-223410.*Revision of S1-223596. |
| Cont | [S1-223139](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223139.zip) | China Unicom | Updated Use Case on Service Continuity and QoS Requirements | Revised to S1-223411 |  |
| Cont | [S1-223411](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223411.zip) | China Unicom | Updated Use Case on Service Continuity and QoS Requirements | Revised to S1-223597 | Revision of S1-223139. |
| Cont | [S1-223597](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223597.zip) | China Unicom | Updated Use Case on Service Continuity and QoS Requirements | Revised to S1-223624 | *Revision of S1-223139.*Revision of S1-223411. |
| Cont | [S1-223624](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223624.zip) | China Unicom | Updated Use Case on Service Continuity and QoS Requirements | Agreed | *Revision of S1-223139.**Revision of S1-223411.*Revision of S1-223597. |
| New Use Cases |
| Cont | [S1-223028](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223028.zip) | China Unicom | Use Case on Hosted Services Requirements | Revised to S1-223418 |  |
| Cont | [S1-223418](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223418.zip) | China Unicom | Use Case on Hosted Services Requirements | Revised to S1-223598 | Revision of S1-223028. |
| Cont | [S1-223598](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223598.zip) | China Unicom | Use Case on Hosted Services Requirements | Revised to S1-223625 | *Revision of S1-223028.*Revision of S1-223418. |
| Cont | [S1-223625](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223625.zip) | China Unicom | Use Case on Hosted Services Requirements | Revised to S1-223682 | *Revision of S1-223028.**Revision of S1-223418.*Revision of S1-223598. |
| Cont | [S1-223682](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223682.zip) | China Unicom | Use Case on Hosted Services Requirements | Agreed | *Revision of S1-223028.**Revision of S1-223418.**Revision of S1-223598.*Revision of S1-223625.Removing car from the figure. |
| Cont | [S1-223035](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223035.zip) | China Unicom | Use Case on Emergency Requirements | Revised to S1-223307 |  |
| Cont | [S1-223307](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223307.zip) | China Unicom | Use Case on Emergency Requirements | Revised to S1-223419 | Revision of S1-223035. |
| Cont | [S1-223419](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223419.zip) | China Unicom | Use Case on Emergency Requirements | Revised to S1-223626 | *Revision of S1-223035.*Revision of S1-223307. |
| Cont | [S1-223626](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223626.zip) | China Unicom | Use Case on Emergency Requirements | Agreed | *Revision of S1-223035.**Revision of S1-223307.*Revision of S1-223419. |
| Cont | [S1-223116](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223116.zip) | CATT | use case of long-distance mobility in and across shared network | Revised to S1-223412 |  |
| Cont | [S1-223412](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223412.zip) | CATT | use case of long-distance mobility in and across shared network | Revised to S1-223627 | Revision of S1-223116. |
| Cont | [S1-223627](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223627.zip) | CATT | use case of long-distance mobility in and across shared network | Revised to S1-223683 | *Revision of S1-223116.*Revision of S1-223412. |
| Cont | [S1-223683](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223683.zip) | CATT | use case of long-distance mobility in and across shared network | Agreed | *Revision of S1-223116.**Revision of S1-223412.*Revision of S1-223627.Editor’s note: requirements #001 and #002 are FFS. Delete the other editor’s note. |
| Others |
| Cont | [S1-223115](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223115.zip) | CATT | Considerations on security\_r2 | Revised to S1-223420 |  |
| Cont | [S1-223420](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223420.zip) | CATT | Considerations on security\_r2 | Revised to S1-223628 | Revision of S1-223115. |
| Cont | [S1-223628](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223628.zip) | CATT | Considerations on security\_r2 | Noted | *Revision of S1-223115.*Revision of S1-223420. |
| FS\_NetShare Output |
| TR | [S1-223126](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223126.zip) | China Unicom | Cover sheet of the TR22.851 for approval | Revised to S1-223421 |  |
| TR | [S1-223421](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223421.zip) | China Unicom | Cover sheet of the TR22.851 for approval | Revised to S1-223599 | Revision of S1-223126. |
| TR | [S1-223599](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223599.zip) | China Unicom | Cover sheet of the TR22.851 for information | Agreed | *Revision of S1-223126.*Revision of S1-223421. |
| TR | [S1-223510](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223510.zip) | Rapporteur (China Unicom) | TR 22.851v0.2.0 Study on Network Sharing Aspects | Agreed | First draft by Tuesday 22nd 23:00 UTC Comments till Tuesday 29th 23:00 UTC Final version by Wednesday 30th 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: [TR22.989v19.1.0](https://www.3gpp.org/ftp/Specs/archive/22_series/22.989/22989-j10.zip)Target completion date: SA#101 (09/2023)Percentage completion: 30% |
| CR | S1-223013 | UIC | 22.989v19.0.0 Enhancement of Multi-train voice communication use cases | Revised to S1-223282 | *WI FS\_FRMCS\_Ph5 Rel-19 CR*0019*R- Cat C* |
| CR | [S1-223282](file:///C%3A%5CUsers%5C13331%5CDocuments%5C3gpp%20meeting%5CTSGS1_100_Toulouse%5Cinbox%5CS1-223282.zip) | UIC | 22.989v19.0.0 Enhancement of Multi-train voice communication use cases | Revised to S1-19223371 | *WI FS\_FRMCS\_Ph5 Rel-19 CR0019R- Cat C*Revision of S1-223013. |
| CR | [S1-223371](file:///C%3A%5CUsers%5C13331%5CDocuments%5C3gpp%20meeting%5CTSGS1_100_Toulouse%5Cinbox%5CS1-223371.zip) | UIC | 22.989v19.0.0 Enhancement of Multi-train voice communication use cases | Agreed | *WI FS\_FRMCS\_Ph5 Rel-19 CR0019R- Cat C**Revision of S1-223013.*Revision of S1-223282. |
| CR | [S1-223014](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223014.zip)  | UIC | 22.989v19.0.0 Enhancement of Multiuser talker control use cases | Revised to S1-223283 | *WI FS\_FRMCS\_Ph5 Rel-19 CR*0019*R- Cat C* |
| CR | [S1-223283](file:///C%3A%5CUsers%5C13331%5CDocuments%5C3gpp%20meeting%5CTSGS1_100_Toulouse%5Cinbox%5CS1-223283.zip) | UIC | 22.989v19.0.0 Enhancement of Multiuser talker control use cases | Revised to S1-223379 | *WI FS\_FRMCS\_Ph5 Rel-19 CR0019R- Cat C*Revision of S1-223014 .No presentation |
| CR | [S1-223379](file:///C%3A%5CUsers%5C13331%5CDocuments%5C3gpp%20meeting%5CTSGS1_100_Toulouse%5Cinbox%5CS1-223379.zip) | UIC | 22.989v19.0.0 Enhancement of Multiuser talker control use cases | Revised to S1-223382 | *WI FS\_FRMCS\_Ph5 Rel-19 CR0019R- Cat C**Revision of S1-223014 .**No presentation*Revision of S1-223283. |
| CR | [S1-223382](file:///C%3A%5CUsers%5C13331%5CDocuments%5C3gpp%20meeting%5CTSGS1_100_Toulouse%5Cinbox%5Cagenda_drafting_sessions%5Cdocs%5CS1-19223382.zip) | UIC | 22.989v19.0.0 Enhancement of Multiuser talker control use cases | Agreed | *WI FS\_FRMCS\_Ph5 Rel-19 CR0019R- Cat C**Revision of S1-223014 .**Revision of S1-223283.*Revision of S1-223379. |
| CR | [S1-223015](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223015.zip) | UIC | 22.989v19.0.0 Update of QoS in a railway environment use case | Revised to S1-223284 | *WI FS\_FRMCS\_Ph5 Rel-19 CR*0019*R- Cat C* |
| CR | [S1-223284](file:///C%3A%5CUsers%5C13331%5CDocuments%5C3gpp%20meeting%5CTSGS1_100_Toulouse%5Cinbox%5CS1-223284.zip) | UIC | 22.989v19.0.0 Update of QoS in a railway environment use case | Revised to S1-19223372 | *WI FS\_FRMCS\_Ph5 Rel-19 CR0019R- Cat C*Revision of S1-223015. |
| CR | [S1-223372](file:///C%3A%5CUsers%5C13331%5CDocuments%5C3gpp%20meeting%5CTSGS1_100_Toulouse%5Cinbox%5CS1-223372.zip) | UIC | 22.989v19.0.0 Update of QoS in a railway environment use case | Revised to S1-223385 | *WI FS\_FRMCS\_Ph5 Rel-19 CR0019R- Cat C**Revision of S1-223015.*Revision of S1-223284. |
| CR | [S1-223385](file:///C%3A%5CUsers%5C13331%5CDocuments%5C3gpp%20meeting%5CTSGS1_100_Toulouse%5Cinbox%5Cagenda_drafting_sessions%5Cdocs%5CS1-19223385.zip) | UIC | 22.989v19.0.0 Update of QoS in a railway environment use case | Agreed | *WI FS\_FRMCS\_Ph5 Rel-19 CR0019R- Cat C**Revision of S1-223015.**Revision of S1-223284.*Revision of S1-223372. |
| CR | [S1-223016](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223016.zip) | UIC | 22.989v19.0.0 Enhancement of two use cases of Railway emergency communications | Revised to S1-223285 | *WI FS\_FRMCS\_Ph5 Rel-19 CR*0019*R- Cat C* |
| CR | [S1-223285](file:///C%3A%5CUsers%5C13331%5CDocuments%5C3gpp%20meeting%5CTSGS1_100_Toulouse%5Cinbox%5CS1-223285.zip) | UIC | 22.989v19.0.0 Enhancement of two use cases of Railway emergency communications | Revised to S1-19223373 | *WI FS\_FRMCS\_Ph5 Rel-19 CR0019R- Cat C*Revision of S1-223016. |
| CR | [S1-223373](file:///C%3A%5CUsers%5C13331%5CDocuments%5C3gpp%20meeting%5CTSGS1_100_Toulouse%5Cinbox%5CS1-223373.zip) | UIC | 22.989v19.0.0 Enhancement of two use cases of Railway emergency communications | Revised to S1-223386 | *WI FS\_FRMCS\_Ph5 Rel-19 CR0019R- Cat C**Revision of S1-223016.*Revision of S1-223285. |
| CR | [S1-223386](file:///C%3A%5CUsers%5C13331%5CDocuments%5C3gpp%20meeting%5CTSGS1_100_Toulouse%5Cinbox%5Cagenda_drafting_sessions%5Cdocs%5CS1-19223386.zip) | UIC | 22.989v19.0.0 Enhancement of two use cases of Railway emergency communications | Agreed | *WI FS\_FRMCS\_Ph5 Rel-19 CR0019R- Cat C**Revision of S1-223016.**Revision of S1-223285.* |
| CR | [S1-223242](file:///C%3A%5CUsers%5C13331%5CDocuments%5C3gpp%20meeting%5CTSGS1_100_Toulouse%5CDocs%5CS1-223242.zip) | Hansung University | 22.989v19.0.0 Enhancement of FRMCS naming authority use case | Revised to S1-19223374 | *WI FS\_FRMCS\_Ph5 Rel-19 CR*0019*R- Cat C* |
| CR | [S1-223374](file:///C%3A%5CUsers%5C13331%5CDocuments%5C3gpp%20meeting%5CTSGS1_100_Toulouse%5Cinbox%5Cdocs%5CS1-19223374.zip) | Hansung University | 22.989v19.0.0 Enhancement of FRMCS naming authority use case | Revised to S1-223380 | *WI FS\_FRMCS\_Ph5 Rel-19 CR0019R- Cat C*Revision of S1-223242. |
| CR | [S1-223380](file:///C%3A%5CUsers%5C13331%5CDocuments%5C3gpp%20meeting%5CTSGS1_100_Toulouse%5Cinbox%5CS1-223380.zip) | Hansung University | 22.989v19.0.0 Enhancement of FRMCS naming authority use case | Revised to S1-223387 | *WI FS\_FRMCS\_Ph5 Rel-19 CR0019R- Cat C**Revision of S1-223242.*Revision of S1-223374. |
| CR | [S1-223387](file:///C%3A%5CUsers%5C13331%5CDocuments%5C3gpp%20meeting%5CTSGS1_100_Toulouse%5Cinbox%5Cagenda_drafting_sessions%5Cdocs%5CS1-19223387.zip) | Hansung University | 22.989v19.0.0 Enhancement of FRMCS naming authority use case | Agreed | *WI FS\_FRMCS\_Ph5 Rel-19 CR0019R- Cat C**Revision of S1-223242.**Revision of S1-223374.*Revision of S1-223380. |
| 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: [TR22.876v0.1.0](https://ftp.3gpp.org/Specs/archive/22_series/22.876/22876-010.zip)Target completion date: SA#98 (03/2023)Percentage completion: 35% |
| Former Use Cases |
| Cont | [S1-223040](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223040.zip) | China Telecommunications | Update of Use Case of AI model transfer management through direct device connection | Revised to S1-220413 |  |
| Cont | [S1-223413](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223413.zip) | China Telecom | Update of Use Case of AI model transfer management through direct device connection | Revised to S1-223629 | Revision of S1-223040. |
| Cont | [S1-223629](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223629.zip) | China Telecom | Update of Use Case of AI model transfer management through direct device connection | Agreed | *Revision of S1-223040.*Revision of S1-223413.Clean up. Transmit data -> exchange data in PRs. |
| Cont | [S1-223172](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223172.zip) | OPPO, Xiaomi  | New Use Case - Direct device connection assisted Async FL | Revised to S1-223414 |  |
| Cont | [S1-223414](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223414.zip) | OPPO, Xiaomi  | New Use Case - Direct device connection assisted Async FL | Revised to S1-223630 | Revision of S1-223172. |
| Cont | [S1-223630](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223630.zip) | OPPO, Xiaomi  | New Use Case - Direct device connection assisted Async FL | Agreed | *Revision of S1-223172.*Revision of S1-223414.Clean up. Delete Req#3 |
| Cont | [S1-223174](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223174.zip) | OPPO | Update of Use Case - Direct device connection based federated learing | Revised to S1-223415 |  |
| Cont | [S1-223415](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223415.zip) | OPPO | Update of Use Case - Direct device connection based federated learing | Revised to S1-223632 | Revision of S1-223174. |
| Cont | [S1-223632](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223632.zip) | OPPO | Update of Use Case - Direct device connection based federated learing | Noted | *Revision of S1-223174.*Revision of S1-223415. |
| Cont | [S1-223239](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223239.zip) | InterDigital | Update to the Use Case on AI Model Transfer Management through Direct Device Connection | Revised to S1-223416 |  |
| Cont | [S1-223416](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223416.zip) | InterDigital | Update to the Use Case on AI Model Transfer Management through Direct Device Connection | Revised to S1-223713 | Revision of S1-223239. |
| Cont | [S1-223633](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223633.zip) | InterDigital | Update to the Use Case on AI Model Transfer Management through Direct Device Connection | Revised to S1-223713 | *Revision of S1-223239.*Revision of S1-223416. |
| Cont | [S1-223713](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223713.zip) | InterDigital | Update to the Use Case on AI Model Transfer Management through Direct Device Connection | Agreed | *Revision of S1-223239.**Revision of S1-223416.**From req#2 delete “between or within a group of UEs.” And delete editor’s note*Revision of S1-223633. |
| New Use Cases |
| Cont | [S1-223173](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223173.zip) | OPPO, Xiaomi | Update of Use case - Proximity based work task offloading for AI/ML inference | Revised to S1-223417 |  |
| Cont | [S1-223417](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223417.zip) | OPPO, Xiaomi | Update of Use case - Proximity based work task offloading for AI/ML inference | Revised to S1-223634 | Revision of S1-223173. |
| Cont | [S1-223634](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223634.zip) | OPPO, Xiaomi | Update of Use case - Proximity based work task offloading for AI/ML inference | Revised to S1-223714 | *Revision of S1-223173.*Revision of S1-223417. |
| Cont | [S1-223714](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223714.zip) | OPPO, Xiaomi | Update of Use case - Proximity based work task offloading for AI/ML inference | Revised to S1-223732 | *Revision of S1-223173.**Revision of S1-223417.*Revision of S1-223634. |
| Cont | [S1-223732](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223732.zip) | OPPO, Xiaomi | Update of Use case - Proximity based work task offloading for AI/ML inference | Agreed | *Revision of S1-223173.**Revision of S1-223417.**Revision of S1-223634.*Revision of S1-223714.Remove numbering from Note in req #1. Remove editor’s note.  |
| FS\_NetShare Output |
| TR | [S1-223739](docs%5CS1-223739.zip) | Rapporteur (oppo) | TR 22.876v0.2.0 Study on Network Sharing Aspects | Agreed | First draft by Tuesday 22nd 23:00 UTC Comments till Tuesday 29th 23:00 UTC Final version by Wednesday 30th 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: [TR22.865v0.1.0](https://ftp.3gpp.org/Specs/archive/22_series/22.865/22865-010.zip)Target completion date: SA#99 (03/2023)Percentage completion: 35% |
| Former Use Cases |
| Cont | [S1-223034](http://10.10.10.10/ftp/sa/sa1/Docs/S1-223034.zip) | China Telecom | Update of use case of store and forward operation with discontinuous feeder link for delay-tolerant IoT - Inter-satellite | Revised to S1-223391 |  |
| Cont | [S1-223391](https://365tno-my.sharepoint.com/personal/toon_norp_tno_nl/Documents/Documents/Local%203GPP%20copy/docs/S1-223391.zip) | China Telecom | Update of use case of store and forward operation with discontinuous feeder link for delay-tolerant IoT - Inter-satellite | Revised to S1-223411 | Revision of S1-223034. |
| Cont | [S1-223531](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223531.zip) | China Telecom | Update of use case of store and forward operation with discontinuous feeder link for delay-tolerant IoT - Inter-satellite | Agreed | *Revision of S1-223034.*Revision of S1-223391. |
| Cont | [S1-223140](http://10.10.10.10/ftp/sa/sa1/Docs/S1-223140.zip) | Huawei  | Pseudo-CR on updates to clause 5.4 | Revised to S1-223392 |  |
| Cont | [S1-223392](https://365tno-my.sharepoint.com/personal/toon_norp_tno_nl/Documents/Documents/Local%203GPP%20copy/docs/S1-223392.zip) | Huawei  | Pseudo-CR on updates to clause 5.4 | Agreed | Revision of S1-223140. |
| Cont | [S1-223141](http://10.10.10.10/ftp/sa/sa1/Docs/S1-223141.zip) | Huawei  | Pseudo-CR on updates to clause 5.6 | Revised to S1-223393 |  |
| Cont | [S1-223393](https://365tno-my.sharepoint.com/personal/toon_norp_tno_nl/Documents/Documents/Local%203GPP%20copy/docs/S1-223393.zip) | Huawei  | Pseudo-CR on updates to clause 5.6 | Agreed | Revision of S1-223141. |
| Cont | [S1-223210](http://10.10.10.10/ftp/sa/sa1/Docs/S1-223210.zip) | China Telecom | Pseudo-CR on updates to clause 5.7 | Revised to S1-223289 |  |
| Cont | [S1-223289](http://10.10.10.10/ftp/sa/sa1/inbox/) | China Telecom | Pseudo-CR on updates to clause 5.7 | Revised to S1-223394 | Revision of S1-223210. |
| Cont | [S1-223394](https://365tno-my.sharepoint.com/personal/toon_norp_tno_nl/Documents/Documents/Local%203GPP%20copy/docs/S1-223394.zip) | China Telecom | Pseudo-CR on updates to clause 5.7 | Revised to S1-223412 | *Revision of S1-223210.*Revision of S1-223289. |
| Cont | [S1-223532](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CRoaming%5CMicrosoft%5CWord%5Cdocs%5CS1-223412.zip) | China Telecom | Pseudo-CR on updates to clause 5.7 | Revised to S1-223640 | *Revision of S1-223210.**Revision of S1-223289.*Revision of S1-223394. |
| Cont | [S1-223640](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223640.zip) | China Telecom | Pseudo-CR on updates to clause 5.7 | Noted | *Revision of S1-223210.**Revision of S1-223289.**Revision of S1-223394.*Revision of S1-223532. |
| New Use Cases |
| Cont | [S1-223036](http://10.10.10.10/ftp/sa/sa1/Docs/S1-223036.zip) | China Telecom | Use case of Amazon Rainforest Adventure with satellite access | Revised to S1-223395 |  |
| Cont | [S1-223395](https://365tno-my.sharepoint.com/personal/toon_norp_tno_nl/Documents/Documents/Local%203GPP%20copy/docs/S1-223395.zip) | China Telecom | Use case of Amazon Rainforest Adventure with satellite access | Revised to S1-223533 | Revision of S1-223036. |
| Cont | [S1-223533](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CRoaming%5CMicrosoft%5CWord%5Cdocs%5CS1-223533.zip) | China Telecom | Use case of Amazon Rainforest Adventure with satellite access | Agreed | *Revision of S1-223036.*Revision of S1-223395. |
| Cont | [S1-223117](http://10.10.10.10/ftp/sa/sa1/Docs/S1-223117.zip) | CATT | use case on vehicle fleet management in the desert | Revised to S1-223396 |  |
| Cont | [S1-223396](https://365tno-my.sharepoint.com/personal/toon_norp_tno_nl/Documents/Documents/Local%203GPP%20copy/docs/S1-223396.zip) | CATT | use case on vehicle fleet management in the desert | Revised to S1-223636 | Revision of S1-223117. |
| Cont | [S1-223636](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223636.zip) | CATT | use case on vehicle fleet management in the desert | Revised to S1-223715 | *Revision of S1-223117.*Revision of S1-223396. |
| Cont | [S1-223715](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223715.zip) | CATT | use case on vehicle fleet management in the desert | Agreed | *Revision of S1-223117.**Revision of S1-223396.*Revision of S1-223636.Add to the 1st req Editor’s Note: this requirement is FFS. |
| Cont | [S1-223118](http://10.10.10.10/ftp/sa/sa1/Docs/S1-223118.zip) | CATT | Use case on service differentiation for UEs via satellite access | Revised to S1-223397 |  |
| Cont | [S1-223397](https://365tno-my.sharepoint.com/personal/toon_norp_tno_nl/Documents/Documents/Local%203GPP%20copy/docs/S1-223397.zip) | CATT | Use case on service differentiation for UEs via satellite access | Revised to S1-223534 | Revision of S1-223118. |
| Cont | [S1-223534](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CRoaming%5CMicrosoft%5CWord%5Cdocs%5CS1-223534.zip) | CATT | Use case on service differentiation for UEs via satellite access | Revised to S1-223638 | *Revision of S1-223118.*Revision of S1-223397. |
| Cont | [S1-223638](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223638.zip) | CATT | Use case on service differentiation for UEs via satellite access | Agreed | *Revision of S1-223118.**Revision of S1-223397.*Revision of S1-223534. |
| Cont | [S1-223167](http://10.10.10.10/ftp/sa/sa1/Docs/S1-223167.zip) | IIT Bombay | Usage of satellite connectivity for collection of information to aid terrestrial network planning | Revised to S1-223293 |  |
| Cont | S1-223293 | IIT Bombay | Usage of satellite connectivity for collection of information to aid terrestrial network planning | Revised to S1-223402 | Revision of S1-223167. |
| Cont | [S1-223402](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223402.zip) | IIT Bombay | Usage of satellite connectivity for collection of information to aid terrestrial network planning | Revised to S1-223639 | *Revision of S1-223167.*Revision of S1-223293. |
| Cont | [S1-223639](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223639.zip) | IIT Bombay | Usage of satellite connectivity for collection of information to aid terrestrial network planning | Agreed | *Revision of S1-223167.**Revision of S1-223293.*Revision of S1-223402.“operator's policies" instead of "preferences” |
| Cont | [S1-223220](http://10.10.10.10/ftp/sa/sa1/Docs/S1-223220.zip) | China Telecom | New use case for enabling multiple services between UEs | Revised to S1-223290 |  |
| Cont | [S1-223290](https://365tno-my.sharepoint.com/personal/toon_norp_tno_nl/Documents/Documents/Local%203GPP%20copy/docs/S1-223290.zip) | China Telecom | New use case for enabling multiple services between UEs | Revised to S1-223394 | Revision of S1-223220. |
| Cont | [S1-223398](https://365tno-my.sharepoint.com/personal/toon_norp_tno_nl/Documents/Documents/Local%203GPP%20copy/docs/S1-223294.zip) | China Telecom | New use case for enabling multiple services between UEs | Revised to S1-223535 | *Revision of S1-223220.*Revision of S1-223290. |
| Cont | [S1-223535](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CRoaming%5CMicrosoft%5CWord%5Cdocs%5CS1-223535.zip) | China Telecom | New use case for enabling multiple services between UEs | Agreed | *Revision of S1-223220.**Revision of S1-223290.*Revision of S1-223398. |
| FS\_5GSAT\_Ph3 Output |
| TR | [S1-223514](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223514.zip) | Rapporteur (NOVAMINT) | TR 22.865v0.2.0 Study on Satellite Access – Phase 3 | Agreed | First draft by Tuesday 22nd 23:00 UTC Comments till Tuesday 29th 23:00 UTC Final version by Wednesday 30th 23:00 UTC |
| 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: [TR22.843v0.1.0](https://ftp.3gpp.org/Specs/archive/22_series/22.843/22843-010.zip)Target completion date: SA#100 (06/2023)Percentage completion: 20% |
| Former Use Cases |
| Cont | [S1-223184](file:///C%3A%5CUsers%5CS029244%5CDocuments%5C3GPP%5CSA1_100_Toulouse%5Cdocs%5CS1-223184.zip) | China Mobile  | pCR on updates on use case on supporting UAV pre-flight preparation | Revised to S1-223436 |  |
| Cont | [S1-223436](file:///C%3A%5CUsers%5CS029244%5CDocuments%5C3GPP%5CSA1_100_Toulouse%5Cdocs%5CS1-223436.zip) | China Mobile  | pCR on updates on use case on supporting UAV pre-flight preparation | Agreed | Revision of S1-223184. |
| New Use Cases |
| Cont | [S1-223041](file:///C%3A%5CUsers%5CS029244%5CDocuments%5C3GPP%5CSA1_100_Toulouse%5Cdocs%5CS1-223041.zip) | Orange | Geofencing for Visual Line-of-Sight UAV missions | Revised to S1-223437 |  |
| Cont | [S1-223437](file:///C%3A%5CUsers%5CS029244%5CDocuments%5C3GPP%5CSA1_100_Toulouse%5Cdocs%5CS1-223437.zip) | Orange | Geofencing for Visual Line-of-Sight UAV missions | Revised to S1-223717 | Revision of S1-223041. |
| Cont | [S1-223717](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223717.zip) | Orange | Geofencing for Visual Line-of-Sight UAV missions | Revised to S1-223719 | *Revision of S1-223041.*Revision of S1-223437. |
| Cont | [S1-223719](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223719.zip) | Orange | Geofencing for Visual Line-of-Sight UAV missions | Agreed | *Revision of S1-223041.**Revision of S1-223437.*Revision of S1-223717.Both requirements are for FFS |
| Cont | [S1-223185](file:///C%3A%5CUsers%5CS029244%5CDocuments%5C3GPP%5CSA1_100_Toulouse%5Cdocs%5CS1-223185.zip) | China Mobile  | New use case: Use case for network-assisted UAV DAA | Revised to S1-223438 |  |
| Cont | [S1-223438](file:///C%3A%5CUsers%5CS029244%5CDocuments%5C3GPP%5CSA1_100_Toulouse%5Cdocs%5CS1-223438.zip) | China Mobile  | New use case: Use case for network-assisted UAV DAA | Revised to S1-223645 | Revision of S1-223185. |
| Cont | [S1-223645](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223645.zip) | China Mobile  | New use case: Use case for network-assisted UAV DAA | Revised to S1-223720 | *Revision of S1-223185.*Revision of S1-223438. |
| Cont | [S1-223720](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223720.zip) | China Mobile  | New use case: Use case for network-assisted UAV DAA | Agreed | *Revision of S1-223185.**Revision of S1-223438.*Revision of S1-223645.Both requirements are FFS |
| Cont | [S1-223186](file:///C%3A%5CUsers%5CS029244%5CDocuments%5C3GPP%5CSA1_100_Toulouse%5Cdocs%5CS1-223186.zip) | China Mobile  | New use case: Use case for supporting USS/UTM relocation | Revised to S1-223439 |  |
| Cont | [S1-223439](file:///C%3A%5CUsers%5CS029244%5CDocuments%5C3GPP%5CSA1_100_Toulouse%5Cdocs%5CS1-223439.zip) | China Mobile  | New use case: Use case for supporting USS/UTM relocation | Noted | Revision of S1-223186. |
| Cont | [S1-223651](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223651.zip) | China Mobile  | New use case: Use case for supporting USS/UTM relocation | Noted | *Revision of S1-223186.*Revision of S1-223439. |
| Cont | [S1-223191](file:///C%3A%5CUsers%5CS029244%5CDocuments%5C3GPP%5CSA1_100_Toulouse%5Cdocs%5CS1-223191.zip) | Huawei | New use case: 3GPP network as an information source to the UTM | Revised to S1-223430 |  |
| Cont | [S1-223430](file:///C%3A%5CUsers%5CS029244%5CDocuments%5C3GPP%5CSA1_100_Toulouse%5Cdocs%5CS1-223430.zip) | Huawei | New use case: 3GPP network as an information source to the UTM | Revised to S1-223453 | Revision of S1-223191. |
| Cont | [S1-223453](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223453.zip) | Huawei | New use case: 3GPP network as an information source to the UTM | Revised to S1-223647 | *Revision of S1-223191.*Revision of S1-223430. |
| Cont | [S1-223647](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223647.zip) | Huawei | New use case: 3GPP network as an information source to the UTM | Revised to S1-223718 | *Revision of S1-223191.**Revision of S1-223430.*Revision of S1-223453. |
| Cont | [S1-223718](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223718.zip) | Huawei | New use case: 3GPP network as an information source to the UTM | Revised to S1-223721 | *Revision of S1-223191.**Revision of S1-223430.**Revision of S1-223453.*Revision of S1-223647. |
| Cont | [S1-223721](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223721.zip) | Huawei | New use case: 3GPP network as an information source to the UTM | Agreed | *Revision of S1-223191.**Revision of S1-223430.**Revision of S1-223453.**Revision of S1-223647.*Revision of S1-223718.1st req is FFS. |
| Cont | [S1-223217](file:///C%3A%5CUsers%5CS029244%5CDocuments%5C3GPP%5CSA1_100_Toulouse%5Cdocs%5CS1-223217.zip) | Qualcomm  | Use case on different UAV traffic over two networks | Revised to S1-223454 |  |
| Cont | [S1-223454](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223454.zip) | Qualcomm  | Use case on different UAV traffic over two networks | Noted | Revision of S1-223217. |
| Cont | [S1-223219](file:///C%3A%5CUsers%5CS029244%5CDocuments%5C3GPP%5CSA1_100_Toulouse%5Cdocs%5CS1-223219.zip) | Qualcomm  | Use case on UAV traffic over alternative networks | Revised to S1-223455 |  |
| Cont | [S1-223455](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223455.zip) | Qualcomm  | Use case on UAV traffic over alternative networks | Noted | Revision of S1-223219. |
| Cont | [S1-223237](file:///C%3A%5CUsers%5CS029244%5CDocuments%5C3GPP%5CSA1_100_Toulouse%5Cdocs%5CS1-223237.zip) | InterDigital | New use case for supporting UAV inflight network condition monitoring | Revised to S1-223456 |  |
| Cont | [S1-223456](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223456.zip) | InterDigital | New use case for supporting UAV inflight network condition monitoring | Revised to S1-223616 | Revision of S1-223237. |
| Cont | [S1-223616](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223616.zip) | InterDigital | New use case for supporting UAV inflight network condition monitoring | Agreed | *Revision of S1-223237.*Revision of S1-223456. |
| Cont | [S1-223238](file:///C%3A%5CUsers%5CS029244%5CDocuments%5C3GPP%5CSA1_100_Toulouse%5Cdocs%5CS1-223238.zip) | InterDigital | New use case on UAV flight route tracking at Rendezvous points | Revised to S1-223457 |  |
| Cont | [S1-223457](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223457.zip) | InterDigital | New use case on UAV flight route tracking at Rendezvous points | Revised to S1-223558 | Revision of S1-223238. |
| Cont | [S1-223558](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223558.zip) | InterDigital | New use case on UAV flight route tracking at Rendezvous points | Revised to S1-223646 | *Revision of S1-223238.*Revision of S1-223457. |
| Cont | [S1-223646](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223646.zip) | InterDigital | New use case on UAV flight route tracking at Rendezvous points | Withdrawn | *Revision of S1-223238.**Revision of S1-223457.*Revision of S1-223558. |
| 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)] |
| TR | [S1-223516](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223516.zip) | Rapporteur (China Mobile) | TR 22.843v0.2.0 Study on UAV Phase 3 | Agreed | First draft by Tuesday 22nd 23:00 UTC Comments till Tuesday 29th 23:00 UTC Final version by Wednesday 30th 23:00 UTC |
| FS\_RVAS: Study on roaming value added services [[SP-220442](https://www.3gpp.org/ftp/tsg_sa/TSG_SA/TSGS_96_Budapest_2022_06/Docs/SP-220442.zip)] |
| **Work status prior to this meeting:**Rapporteur: Peter Bleckert (Ericsson)Latest version: [TR22.877v0.1.0](https://ftp.3gpp.org/Specs/archive/22_series/22.877/22877-010.zip)Target completion date: SA#100 (06/2023)Percentage completion: 60% |
| Cont | [S1-223045](file:///C%3A%5CUsers%5C13331%5CDocuments%5C3gpp%20meeting%5CTSGS1_100_Toulouse%5CDocs%5CS1-223045.zip) | Ericsson, Deutsche Telekom | Editorial clean-up of RVAS TR  | Revised to S1-19223375 |  |
| Cont | S1-223375 | Ericsson, Deutsche Telekom | Editorial clean-up of RVAS TR  | Agreed | Revision of S1-223045. |
| Cont | [S1-223017](file:///C%3A%5CUsers%5C13331%5CDocuments%5C3gpp%20meeting%5CTSGS1_100_Toulouse%5CDocs%5CS1-223017.zip) | Deutsche Telekom | Update of use case on Subscription based routing to a particular core network | Revised to S1-223376 |  |
| Cont | [S1-223376](file:///C%3A%5CUsers%5C13331%5CDocuments%5C3gpp%20meeting%5CTSGS1_100_Toulouse%5Cinbox%5CS1-223376.zip) | Deutsche Telekom | Update of use case on Subscription based routing to a particular core network | Agreed | Revision of S1-223017. |
| Cont | [S1-223046](file:///C%3A%5CUsers%5C13331%5CDocuments%5C3gpp%20meeting%5CTSGS1_100_Toulouse%5CDocs%5CS1-223046.zip) | Ericsson, Deutsche Telekom | RVAS Consolidation  | Revised to S1-223377 |  |
| Cont | [S1-223377](file:///C%3A%5CUsers%5C13331%5CDocuments%5C3gpp%20meeting%5CTSGS1_100_Toulouse%5Cinbox%5CS1-223377.zip) | Ericsson, Deutsche Telekom | RVAS Consolidation  | Revised to S1-223388 | Revision of S1-223046. |
| Cont | [S1-223388](file:///C%3A%5CUsers%5C13331%5CDocuments%5C3gpp%20meeting%5CTSGS1_100_Toulouse%5Cinbox%5Cagenda_drafting_sessions%5Cdocs%5CS1-19223388.zip) | Ericsson, Deutsche Telekom | RVAS Consolidation  | Agreed | *Revision of S1-223046.*Revision of S1-223377. |
| Cont | [S1-223047](file:///C%3A%5CUsers%5C13331%5CDocuments%5C3gpp%20meeting%5CTSGS1_100_Toulouse%5CDocs%5CS1-223047.zip) | Ericsson, Deutsche Telekom | RVAS conclusion | Revised to S1-223378 |  |
| Cont | [S1-223378](file:///C%3A%5CUsers%5C13331%5CDocuments%5C3gpp%20meeting%5CTSGS1_100_Toulouse%5Cinbox%5Cdocs%5CS1-19223378.zip) | Ericsson, Deutsche Telekom | RVAS conclusion | Agreed | Revision of S1-223047. |
| FS\_RVAS Output |
| TR | [S1-223511](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223511.zip) | Rapporteur (Ericsson) | Cover sheet of the TR22.8773 for on step approval | Revised to S1-223574 |  |
| TR | [S1-223574](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223574.zip) | Rapporteur (Ericsson) | Cover sheet of the TR22.8773 for on step approval | Agreed | Revision of S1-223511. |
| TR | [S1-223512](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223512.zip) | Rapporteur (Ericsson) | TR 22.877v0.2.0 Study on roaming value added services | Agreed | First draft by Tuesday 22nd 23:00 UTC Comments till Tuesday 29th 23:00 UTC Final version by Wednesday 30th 23:00 UTC |
| 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: [TR22.841v0.1.0](https://www.3gpp.org/ftp/Specs/archive/22_series/22.841/22841-010.zip)Target completion date: SA#100 (06/2023)Percentage completion: 20% |
| General |
| Cont | [S1-223211](http://10.10.10.10/ftp/sa/sa1/Docs/S1-223211.zip) | Qualcomm  | TR scope | Revised to S1-223395 |  |
| Cont | [S1-223399](https://365tno-my.sharepoint.com/personal/toon_norp_tno_nl/Documents/Documents/Local%203GPP%20copy/docs/S1-223295.zip) | Qualcomm  | TR scope | Agreed | Revision of S1-223211. |
| New Use Cases |
| Cont | [S1-223084](http://10.10.10.10/ftp/sa/sa1/Docs/S1-223084.zip) | Intel | Use Case on UE with Multibeam and Multistream 3GPP Access | Revised to S1-223396 |  |
| Cont | [S1-223400](https://365tno-my.sharepoint.com/personal/toon_norp_tno_nl/Documents/Documents/Local%203GPP%20copy/docs/S1-223296.zip) | Intel | Use Case on UE with Multibeam and Multistream 3GPP Access | Revised to S1-223550 | Revision of S1-223084. |
| Cont | [S1-223550](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223550.zip) | Intel | Use Case on UE with Multibeam and Multistream 3GPP Access | Revised to S1-223641 | *Revision of S1-223084.*Revision of S1-223400. |
| Cont | [S1-223641](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223641.zip) | Intel | Use Case on UE with Multibeam and Multistream 3GPP Access | Noted | *Revision of S1-223084.**Revision of S1-223400.*Revision of S1-223550. |
| Cont | [S1-223096](http://10.10.10.10/ftp/sa/sa1/Docs/S1-223096.zip) | SKY Perfect JSAT Corporation | NTN and TN Inter-PLMN Multi-access in a Maritime scenario | Revised to S1-223397 |  |
| Cont | [S1-223401](https://365tno-my.sharepoint.com/personal/toon_norp_tno_nl/Documents/Documents/Local%203GPP%20copy/docs/S1-223397.zip) | SKY Perfect JSAT Corporation | NTN and TN Inter-PLMN Multi-access in a Maritime scenario | Revised to S1-223404 | Revision of S1-223096. |
| Cont | [S1-223404](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CRoaming%5CMicrosoft%5CWord%5Cdocs%5CS1-223404.zip) | SKY Perfect JSAT Corporation | NTN and TN Inter-PLMN Multi-access in a Maritime scenario | Revised to S1-223642 | *Revision of S1-223096.*Revision of S1-223401. |
| Cont | [S1-223642](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223642.zip) | SKY Perfect JSAT Corporation | NTN and TN Inter-PLMN Multi-access in a Maritime scenario | Agreed | *Revision of S1-223096.**Revision of S1-223401.*Revision of S1-223404. |
| Cont | [S1-223156](http://10.10.10.10/ftp/sa/sa1/Docs/S1-223156.zip) | IIT Bombay | Use case on Dual Steering through Satellite access and UAV | Revised to S1-223294 |  |
| Cont | [S1-223294](https://365tno-my.sharepoint.com/personal/toon_norp_tno_nl/Documents/Documents/Local%203GPP%20copy/docs/S1-223294.zip) | IIT Bombay | Use case on Dual Steering through Satellite access and UAV | Revised to S1-223403 | Revision of S1-223156. |
| Cont | [S1-223403](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CRoaming%5CMicrosoft%5CWord%5Cdocs%5CS1-223403.zip) | IIT Bombay | Use case on Dual Steering through Satellite access and UAV | Revised to S1-223643 | *Revision of S1-223156.*Revision of S1-223294. |
| Cont | [S1-223643](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223643.zip) | IIT Bombay | Use case on Dual Steering through Satellite access and UAV | Revised to S1-223722 | *Revision of S1-223156.**Revision of S1-223294.*Revision of S1-223403. |
| Cont | [S1-223722](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223722.zip) | IIT Bombay | Use case on Dual Steering through Satellite access and UAV | Agreed | *Revision of S1-223156.**Revision of S1-223294.**Revision of S1-223403.*Revision of S1-223643.Only one file on the .zip |
| Cont | [S1-223203](http://10.10.10.10/ftp/sa/sa1/Docs/S1-223203.zip) | Futurewei  | Use Case on inter PLMN or PLMN-SNPN scenario for URLLC service | Revised to S1-223300 |  |
| Cont | [S1-223300](https://365tno-my.sharepoint.com/personal/toon_norp_tno_nl/Documents/Documents/Local%203GPP%20copy/docs/S1-223300.zip) | Futurewei  | Use Case on inter PLMN or PLMN-SNPN scenario for URLLC service | Revised to S1-223405 | Revision of S1-223203. |
| Cont | [S1-223405](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CRoaming%5CMicrosoft%5CWord%5Cdocs%5CS1-223405.zip) | Futurewei  | Use Case on inter PLMN or PLMN-SNPN scenario for URLLC service | Agreed | *Revision of S1-223203.*Revision of S1-223300. |
| Cont | [S1-223205](http://10.10.10.10/ftp/sa/sa1/Docs/S1-223205.zip) | Futurewei  | Use Case on intra-PLMN for XRM service | Revised to S1-223301 |  |
| Cont | [S1-223301](https://365tno-my.sharepoint.com/personal/toon_norp_tno_nl/Documents/Documents/Local%203GPP%20copy/docs/S1-223301.zip) | Futurewei  | Use Case on intra-PLMN for XRM service | Revised to S1-223406 | Revision of S1-223205. |
| Cont | [S1-223406](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CRoaming%5CMicrosoft%5CWord%5Cdocs%5CS1-223406.zip) | Futurewei  | Use Case on intra-PLMN for XRM service | Agreed | *Revision of S1-223205.*Revision of S1-223301. |
| Cont | [S1-223212](http://10.10.10.10/ftp/sa/sa1/Docs/S1-223212.zip) | Qualcomm  | Use Case on intra-PLMN traffic duplication  | Revised to S1-223407 |  |
| Cont | [S1-223407](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CRoaming%5CMicrosoft%5CWord%5Cdocs%5CS1-223407.zip) | Qualcomm  | Use Case on intra-PLMN traffic duplication  | Revised to S1-223644 | Revision of S1-223212. |
| Cont | [S1-223644](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223644.zip) | Qualcomm  | Use Case on intra-PLMN traffic duplication  | Agreed | *Revision of S1-223212.*Revision of S1-223407. |
| Cont | [S1-223214](http://10.10.10.10/ftp/sa/sa1/Docs/S1-223214.zip) | Qualcomm  | Use Case on dual 3GPP access in VPLMN scenarios | Revised to S1-223408 |  |
| Cont | [S1-223408](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CRoaming%5CMicrosoft%5CWord%5Cdocs%5CS1-223408.zip) | Qualcomm  | Use Case on dual 3GPP access in VPLMN scenarios | Agreed | Revision of S1-223214. |
| Cont | [S1-223215](http://10.10.10.10/ftp/sa/sa1/Docs/S1-223215.zip) | Qualcomm  | Use Case on interworking with non-3GPP access | Revised to S1-223409 |  |
| Cont | [S1-223409](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223409.zip) | Qualcomm  | Use Case on interworking with non-3GPP access | Revised to S1-223723 | Revision of S1-223215. |
| Cont | [S1-223723](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223723.zip) | Qualcomm  | Use Case on interworking with non-3GPP access | Agreed | *Revision of S1-223215.*Revision of S1-223409.[PR 5.x.6-001] The 5G system shall be able to support means to transition from a UE data connection related to single subscription using two 3GPP networks to a connection using 3GPP and non-3GPP access (e.g., ATSSS), and vice versa.NOTE: The 3GPP and non-3GPP access networks are assumed to be managed by the same MNO, and data is anchored in the same 5G core network of the HMPLN. |
| Cont | [S1-223243](http://10.10.10.10/ftp/sa/sa1/Docs/S1-223243.zip) | InterDigital | New use case on Inter-PLMN scenario - TN and multiple NTN | Revised to S1-223410 |  |
| Cont | [S1-223530](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CRoaming%5CMicrosoft%5CWord%5Cdocs%5CS1-223410.zip) | InterDigital | New use case on Inter-PLMN scenario - TN and multiple NTN | Noted | Revision of S1-223243. |
| FS\_DualSteer Output |
| TR | [S1-223515](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223515.zip) | Rapporteur (Qualcomm) | TR 22.841v0.2.0 Study on Upper layer traffic steering, switching and split over dual 3GPP access | Agreed | First draft by Tuesday 22nd 23:00 UTC Comments till Tuesday 29th 23:00 UTC Final version by Wednesday 30th 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: [TR22.882v0.1.0](https://ftp.3gpp.org/Specs/archive/22_series/22.882/22882-010.zip)Target completion date: SA#99 (13/2023)Percentage completion: 10% |
| Former Use Cases |
| Cont | [S1-223063](file:///C%3A%5CUsers%5CS029244%5CDocuments%5C3GPP%5CSA1_100_Toulouse%5Cdocs%5CS1-223063.zip) | Samsung  | 22.882 pCR: addressing ENs in 5.1  | Revised to S1-223431 |  |
| Cont | [S1-223431](file:///C%3A%5CUsers%5CS029244%5CDocuments%5C3GPP%5CSA1_100_Toulouse%5Cdocs%5CS1-223431.zip) | Samsung  | 22.882 pCR: addressing ENs in 5.1  | Agreed | Revision of S1-223063. |
| New Use Cases |
| Cont | [S1-223032](file:///C%3A%5CUsers%5CS029244%5CDocuments%5C3GPP%5CSA1_100_Toulouse%5Cdocs%5CS1-223032.zip) | MediaTek  | Use Case for Reducing GHG Footprint of Computing-Aware Systems | Revised to S1-223433 |  |
| Cont | [S1-223433](file:///C%3A%5CUsers%5CS029244%5CDocuments%5C3GPP%5CSA1_100_Toulouse%5Cdocs%5CS1-223433.zip) | MediaTek  | Use Case for Reducing GHG Footprint of Computing-Aware Systems | Revised to S1-223652 | Revision of S1-223032. |
| Cont | [S1-223652](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223652.zip) | MediaTek  | Use Case for Reducing GHG Footprint of Computing-Aware Systems | Withdrawn | *Revision of S1-223032.*Revision of S1-223433. |
| Cont | [S1-223064](file:///C%3A%5CUsers%5CS029244%5CDocuments%5C3GPP%5CSA1_100_Toulouse%5Cdocs%5CS1-223064.zip) | Samsung  | 22.822 pCR: New Use Case on Service Energy Monitoring by an Application Server | Revised to S1-223432 |  |
| Cont | [S1-223432](file:///C%3A%5CUsers%5CS029244%5CDocuments%5C3GPP%5CSA1_100_Toulouse%5Cdocs%5CS1-223432.zip) | Samsung  | 22.822 pCR: New Use Case on Service Energy Monitoring by an Application Server | Revised to S1-223653 | Revision of S1-2]23064. |
| Cont | [S1-223653](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223653.zip) | Samsung  | 22.822 pCR: New Use Case on Service Energy Monitoring by an Application Server | Revised to S1-223658 | *Revision of S1-223064.*Revision of S1-223432. |
| Cont | [S1-223658](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223658.zip) | Samsung  | 22.822 pCR: New Use Case on Service Energy Monitoring by an Application Server | Agreed | *Revision of S1-223064.**Revision of S1-223432.*Revision of S1-223653. |
| Cont | [S1-223103](file:///C%3A%5CUsers%5CS029244%5CDocuments%5C3GPP%5CSA1_100_Toulouse%5Cdocs%5CS1-223103.zip) | China Mobile  | pCR EnergyServ use case of supporting different energy efficiency modes in industrial campus | Revised to S1-223434 |  |
| Cont | [S1-223434](file:///C%3A%5CUsers%5CS029244%5CDocuments%5C3GPP%5CSA1_100_Toulouse%5Cdocs%5CS1-223434.zip) | China Mobile  | pCR EnergyServ use case of supporting different energy efficiency modes in industrial campus | Revised to S1-223648 | Revision of S1-223103. |
| Cont | [S1-223648](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223648.zip) | China Mobile  | pCR EnergyServ use case of supporting different energy efficiency modes in industrial campus | Revised to S1-223654 | *Revision of S1-223103.*Revision of S1-223434. |
| Cont | [S1-223654](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223654.zip) | China Mobile  | pCR EnergyServ use case of supporting different energy efficiency modes in industrial campus | Agreed | *Revision of S1-223103.**Revision of S1-223434.*Revision of S1-223648. |
| Cont | [S1-223104](file:///C%3A%5CUsers%5CS029244%5CDocuments%5C3GPP%5CSA1_100_Toulouse%5Cdocs%5CS1-223104.zip) | China Mobile  | pCR EnergyServ use case of achieving energy efficiency by supporting different levels of service quality | Revised to S1-223435 |  |
| Cont | [S1-223435](file:///C%3A%5CUsers%5CS029244%5CDocuments%5C3GPP%5CSA1_100_Toulouse%5Cdocs%5CS1-223435.zip) | China Mobile  | pCR EnergyServ use case of achieving energy efficiency by supporting different levels of service quality | Withdrawn | Revision of S1-223104. |
| Cont | [S1-223106](file:///C%3A%5CUsers%5CS029244%5CDocuments%5C3GPP%5CSA1_100_Toulouse%5Cdocs%5CS1-223106.zip) | China Mobile  | pCR EnergyServ use case of selecting network fault detection algorithm based on energy efficiency analysis | Revised to S1-223448 |  |
| Cont | [S1-223448](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223448.zip) | China Mobile  | pCR EnergyServ use case of selecting network fault detection algorithm based on energy efficiency analysis | Revised to S1-223649 | Revision of S1-223106. |
| Cont | [S1-223649](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223649.zip) | China Mobile  | pCR EnergyServ use case of selecting network fault detection algorithm based on energy efficiency analysis | Revised to S1-223655 | *Revision of S1-223106.*Revision of S1-223448. |
| Cont | [S1-223655](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223655.zip) | China Mobile  | pCR EnergyServ use case of selecting network fault detection algorithm based on energy efficiency analysis | Withdrawn | *Revision of S1-223106.**Revision of S1-223448.*Revision of S1-223649. |
| Cont | [S1-223107](file:///C%3A%5CUsers%5CS029244%5CDocuments%5C3GPP%5CSA1_100_Toulouse%5Cdocs%5CS1-223107.zip) | China Mobile  | pCR EnergyServ use case of supporting service-level energy efficiency analysis for verticals | Revised to S1-223449 |  |
| Cont | [S1-223449](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223449.zip) | China Mobile  | pCR EnergyServ use case of supporting service-level energy efficiency analysis for verticals | Revised to S1-223650 | Revision of S1-223107. |
| Cont | [S1-223650](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223650.zip) | China Mobile  | pCR EnergyServ use case of supporting service-level energy efficiency analysis for verticals | Noted | *Revision of S1-223107.*Revision of S1-223449. |
| Cont | [S1-223108](file:///C%3A%5CUsers%5CS029244%5CDocuments%5C3GPP%5CSA1_100_Toulouse%5Cdocs%5CS1-223108.zip) | China Mobile  | pCR EnergyServ use case of reusing location information for PLMN and NPN of the same operator to save energy | Noted |  |
| Cont | [S1-223127](file:///C%3A%5CUsers%5CS029244%5CDocuments%5C3GPP%5CSA1_100_Toulouse%5Cdocs%5CS1-223127.zip) | ZTE | new UC EE of NG-RAN node per site | Revised to S1-223450 |  |
| Cont | [S1-223450](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223450.zip) | ZTE | new UC EE of NG-RAN node per site | Revised to S1-223656 | Revision of S1-223127. |
| Cont | [S1-223656](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223656.zip) | ZTE | new UC EE of NG-RAN node per site | Agreed | *Revision of S1-223127.*Revision of S1-223450. |
| Cont | [S1-223131](file:///C%3A%5CUsers%5CS029244%5CDocuments%5C3GPP%5CSA1_100_Toulouse%5Cdocs%5CS1-223131.zip) | ZTE | new UC EE information exposure under NPN | Revised to S1-223451 |  |
| Cont | [S1-223451](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223451.zip) | ZTE | new UC EE information exposure under NPN | Revised to S1-223657 | Revision of S1-223131. |
| Cont | [S1-223657](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223657.zip) | ZTE | new UC EE information exposure under NPN | Agreed | *Revision of S1-223131.*Revision of S1-223451. |
| Cont | [S1-223132](file:///C%3A%5CUsers%5CS029244%5CDocuments%5C3GPP%5CSA1_100_Toulouse%5Cdocs%5CS1-223132.zip) | ZTE | new UC End to end EE of all kind of network entities | Merged to 3432 |  |
| Cont | [S1-223187](file:///C%3A%5CUsers%5CS029244%5CDocuments%5C3GPP%5CSA1_100_Toulouse%5Cdocs%5CS1-223187.zip) | TOYOTA  | TR22.882 – A new use case on the priority utilization of renewable energy | Revised to S1-220279 |  |
| Cont | [S1-223279](file:///C%3A%5CUsers%5CS029244%5CDocuments%5C3GPP%5CSA1_100_Toulouse%5Cdocs%5CS1-223279.zip) | TOYOTA  | TR22.882 – A new use case on the priority utilization of renewable energy | Noted | Revision of S1-223187. |
| Cont | [S1-223452](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223452.zip) | TOYOTA  | TR22.882 – A new use case on the priority utilization of renewable energy | Noted | *Revision of S1-223187.*Revision of S1-223279. |
| FS\_ EnergyServ Output |
| TR | [S1-223517](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223517.zip) | Rapporteur (China Mobile) | TR 22.882v0.2.0 Study on Energy Efficiency as service criteria | Agreed | First draft by Tuesday 22nd 23:00 UTC Comments till Tuesday 29th 23:00 UTC Final version by Wednesday 30th 23:00 UTC |
| 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: [TR22.916v0.1.0](https://ftp.3gpp.org/Specs/archive/22_series/22.916/22916-010.zip)Target completion date: SA#99 (03/2023)Percentage completion: 10% |
| Cont | [S1-223026](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223026.zip) | LG Electronics  | FS\_SOBOT Use case template | Endorsed |  |
| Cont | [S1-223027](file:///C%3A%5CUsers%5C13331%5CDocuments%5C3gpp%20meeting%5CTSGS1_100_Toulouse%5CDocs%5CS1-223027.zip) | LG Electronics  | SOBOT use case on Online cooperative 3D map building  | Revised to S1-223381 |  |
| Cont | [S1-223381](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223381.zip) | LG Electronics  | SOBOT use case on Online cooperative 3D map building  | Revised to S1-223575 | Revision of S1-223027. |
| Cont | [S1-223575](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223575.zip) | LG Electronics  | SOBOT use case on Online cooperative 3D map building  | Agreed | *Revision of S1-223027.*Revision of S1-223381.Fix editors note PR#1 and remove PR#2. |
| Cont | [S1-223078](file:///C%3A%5CUsers%5C13331%5CDocuments%5C3gpp%20meeting%5CTSGS1_100_Toulouse%5CDocs%5CS1-223078.zip) | Vivo | SOBOT Use case on real-time cooperative safety protection | Revised to S1-223389 |  |
| Cont | [S1-223389](file:///C%3A%5CUsers%5C13331%5CDocuments%5C3gpp%20meeting%5CTSGS1_100_Toulouse%5Cinbox%5Cagenda_drafting_sessions%5Cdocs%5CS1-19223389.zip) | Vivo | SOBOT Use case on real-time cooperative safety protection | Revised to S1-223660 | Revision of S1-223078. |
| Cont | [S1-223660](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223660.zip) | Vivo | SOBOT Use case on real-time cooperative safety protection | Revised to S1-223724 | *Revision of S1-223078.*Revision of S1-223389. |
| Cont | [S1-223724](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223724.zip) | Vivo | SOBOT Use case on real-time cooperative safety protection | Agreed | *Revision of S1-223078.**Revision of S1-223389.*Revision of S1-223660.Section 3 is TBDNo presentation |
| FS\_SOBOT Output |
| TR | [S1-223513](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223513.zip) | Rapporteur (LGE) | TR 22.916v0.2.0 Study on Network of Service Robots with Ambient Intelligence | Agreed | First draft by Tuesday 22nd 23:00 UTC Comments till Tuesday 29th 23:00 UTC Final version by Wednesday 30th 23:00 UTC |
| Other technical contributions |
| Cont | [S1-223024](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223024.zip) | TELECOM ITALIA  | 5G-SOLUTIONS: Feedback from Verticals on 5G performance on Project’s use cases | Noted |  |
| Other non-technical contributions |
| Cont | [S1-223021](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223021.zip) | Ericsson | How document handling in a F2F meeting differs from an e-meeting | Noted |  |
| Work Item/Study Item progress  |
| Session information outputs |
| REP | S1-223518 | Rapporteur / Session Chair | Sensing drafting report | Agreed |  |
| REP | S1-223519 | Rapporteur / Session Chair | Ambient IoT drafting report | Agreed |  |
| REP | [S1-223520](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223520.zip) | Rapporteur / Session Chair | Metaverse drafting report | Agreed |  |
| REP | [S1-223521](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223521.zip) | Rapporteur / Session Chair | NetShare + AIMLPh2 drafting report | Agreed |  |
| REP | [S1-223522](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223522.zip) | Rapporteur / Session Chair | DualSteer + 5GSat drafting report | Agreed |  |
| REP | [S1-223523](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223523.zip) | Rapporteur / Session Chair | FRMCS + RVAS + SOBOT drafting report | Agreed |  |
| REP | [S1-223524](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223524.zip) | Rapporteur / Session Chair | EnergyServ + UAV drafting report | Agreed |  |
| Work Item/Study Item status update |
| REP | [S1-223664](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223664.zip) | Deutsche Telekom | FS\_Sensing – Status report | Noted | 65% |
| REP | [S1-223665](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223665.zip) | OPPO | FS\_AmbientIoT – Status report | Noted | 65% |
| REP | [S1-223666](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223666.zip) | Samsung | FS\_Metaverse – Status report | Noted | 55% |
| REP | [S1-223667](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223667.zip) | China Unicom | FS\_NetShare – Status report | Noted | 75% |
| REP | [S1-223668](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223668.zip) | UIC | FS\_FRMCS\_Ph3– Status report | Noted | 50% |
| REP | [S1-223669](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223669.zip) | OPPO | FS\_AIML\_Ph2– Status report | Noted | 50% |
| REP | [S1-223670](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223670.zip) | Ericsson | FS\_RVAS – Status report | Noted | 100% |
| REP | [S1-223671](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223671.zip) | Novamint | FS\_ 5GSAT\_Ph3– Status report | Noted | 55% |
| REP | [S1-223672](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223672.zip) | China Mobile | FS\_UAV\_Ph3– Status report | Noted | 45% |
| REP | [S1-223673](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223673.zip) | Qualcomm | FS\_DualSteer – Status report | Noted | 60% |
| REP | [S1-223674](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223674.zip) | China Mobile | FS\_EnergieServ – Status report | Noted | 40% |
| REP | [S1-223675](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223675.zip) | LGE | FS\_SOBOT – Status report | Revised to S1-223733 |  |
| REP | [S1-223733](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223733.zip) | LGE | FS\_SOBOT – Status report | Noted | Revision of S1-223675.40% |
| REP | [S1-223735](file:///E%3A%5CTSGS1_100_Toulouse%5Cdocs%5CS1-223735.zip) | ZTE | MeasureData – Status report | Noted | 100% |
| Next meetings (calendar) |
| **2023 meetings:**SA1#100\_adhoc 16-20 Jan 2023 e-meetingSA1#101 13-17 Feb 2023 Europe SA1#102 15-19 May 2023 T.B.D.SA1#103 21-25 Aug 2023 T.B.D.SA1#104 13-17 Nov 2023 T.B.D. (mega meeting) |
| Any other business |
| Close |
| Close latest by 16:00 CET on Friday 18 November 2022 |