**3GPP TSG-SA WG1 Meeting #111 S1-253001**

**25-29 August 2025, Goteborg, Sweden**

Title: Agenda for SA1#111

Ag. Item: 1.1

Source: SA1 Chair

Contact: Vasil Aleksiev

Submission Guidelines

* **Submission deadlines:**
  1. Tdoc **number** and **CR number** requests:     **Thursday,** 14th August 2025, 23:00 UTC
  2. Document **submission**:                                **Thursday,** 14th August 2025, 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#111)
* Please use the document templates available at https://ftp.3gpp.org/tsg\_sa/WG1\_Serv/TSGS1\_111\_Goteborg/templates

<https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_111_Goteborg/templates>

* For CRs:
  + **TEI18 CRs will only be accepted if there is no impact to Stage 2 or Stage 3 or for alignment purposes**
  + **CRs** **MUST have a CR number** allocated by the 3GPP Portal BEFORE being submitted
  + **CRs MUST have a Work Item code**, and the WI code must be valid for the specific release (e.g. a Rel-18 CR with Rel-17 WI is not permitted, except for cat. A CR)
  + Work Item Codes for the CRs are available in the [Work Plan](https://ftp.3gpp.org/Information/WORK_PLAN) (or at <http://www.3gpp.org/ftp/Specs/html-info/TSG-WG--s1--wis.htm> )

**LEGEND**

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

**Conclusion**: Agreed, Approved, Revised to S1-25xxxx, Noted, Withdrawn, Moved to section xxx, Rejected, Postponed, Email Approval, Not Handled, Unallocated, Drafting

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Doc  Type | Tdoc number | Sourcing company(ies) | Document Title | Conclusion | Comments |
| CR | S1-25xxxx | Source | Title | Agreed / Approved |  |
| CR | S1-25xxxx | Source | Title | Revised to S1-25xxxx |  |
| CR | S1-25xxxx | Source | Title | Noted |  |
| CR | S1-25xxxx | Source | Title | Withdrawn |  |
| CR | S1-25xxxx | Source | Title | Moved to section xxx |  |
| CR | S1-25xxxx | Source | Title | Rejected |  |
| CR | S1-25xxxx | Source | Title | Postponed |  |
| CR | S1-25xxxx | Source | Title | Email Approval |  |
| CR | S1-25xxxx | Source | Title | Not Handled |  |
|  | S1-25xxxx |  |  | Unallocated / Drafting |  |

**MEETING ROOMS:**

**Plenary/Drafting 1: Room Björk/Silver G3**

Breakout Drafting 2: Room Björk/Silver G2

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **Monday** |  | **Tuesday** | **Wednesday** |  | **Thursday** | **Friday** |
| **Q0** | **08:00**  **09:00** |  | **08:00**  **09:00** | **Drafting 1:**  8.1.3 AI =================  **Drafting 2:**  8.1.5 Ubiquitous | **Drafting 1:**  8.1.3 AI  =================  **Drafting 2:**  TBD | **08:00**  **09:00** | **Drafting 1:**  8.1.2 6G System and Operation Aspects  =================  **Drafting 2:**  Drafting on AI agent definition | **Plenary** |
| **Q1** | **09:00**  **10:30** | (start at 09:00)  **Plenary:**  1. Opening  2. Reports  3. LSs  4. WIDs | **09:00**  **10:30** | **Drafting 1:**  8.1.3 AI =================  **Drafting 2:**  7.1.2 FRMCS\_Ph6 + 8.1.7 Massive + 8.1.9 Others | **Drafting 1:**  8.1.3 AI =================  **Drafting 2:**  7.1.2 FRMCS\_Ph6 + 8.1.7 Massive + 8.1.9 Others | **09:00**  **10:30** | **Plenary**  2. Reports  3. LSs  4. WIDs  5. Quality improvement contributions  6. Rel19 and earlier contr.  8.1.1 6G General | **Plenary**  Revisions |
|  | **Coffee** |  | **Coffee** |  |  | **Coffee** |  |  |
| **Q2** | **11:00**  **12:30** | **Plenary:**  4. WIDs  5. Quality improvement contributions  6. Rel19 and earlier contr.  8.1.1 6G General | **11:00**  **12:30** | **Drafting 1:**  8.1.3 AI =================  **Drafting 2:**  8.1.5 Ubiquitous | **Drafting 1:**  8.1.3 AI =================  **Drafting 2:**  8.1.5 Ubiquitous | **11:00**  **12:30** | **Plenary**  8.1.1 6G General  8.1.3 AI | **Plenary**  Revisions |
|  | **Lunch** |  | **Lunch** | **13:30 Drafting on Interworking 4G-6G** | **Newcomers lunch** | **Lunch** |  |  |
| **Q3** | **14:00**  **15:30** | **Plenary:**  8.1.1 6G General  Potentially earlier start of drafting sessions | **14:00**  **15:30** | **Drafting 1:**  8.1.3 AI  =================  **Drafting 2:**  8.1.8 Verticals | **Drafting 1:**  8.1.2 6G System and Operation Aspects  =================  **Drafting 2:**  8.1.8 Verticals | **14:00**  **15:30** | **Plenary** | **Plenary**  Revisions  **Meeting ends 16:00** |
|  | **Coffee** |  |  |  |  | **Coffee** |  |  |
| **Q4** | **16:00**  **18:00** | **Drafting 1:**  8.1.2 6G System and Operation Aspects  =================  **Drafting 2:**  8.1.4 Sensing + 8.1.6 Immersive | **16:00**  **…** | **Drafting 1:**  8.1.2 6G System and Operation Aspects  =================  **Drafting 2:**  8.1.4 Sensing + 8.1.6 Immersive  Both sessions continue till 18:30 | **Drafting 1:**  8.1.2 6G System and Operation Aspects  =================  **Drafting 2:**  8.1.4 Sensing + 8.1.6 Immersive  Both sessions finish at 17:30h | **16:00**  **18:00** | **Plenary** |  |
|  |  |  |  |  |  |  |  |  |
| **Q5** | **18:10**  **19:30** | **Drafting 1:**  8.1.2 6G System and Operation Aspects  =================  **Drafting 2:**  8.1.4 Sensing + 8.1.6 Immersive |  | **MMS**  (18:45) | **Charity Run/ Walk / Cocktail**  **(18:00)** | **18:10**  **19:30** | **Plenary** |  |

**NOTE: Slots scheduled based on contributions submitted. Slot allocation is a rough guideline and can be changed during the meeting week. Drafting sessions (including drafting/work item):**

|  |  |
| --- | --- |
| 6G System and Operation Aspects – chaired by Mona Mustapha  AI – chaired by Vasil Aleksiev  Sensing + Immersive– chaired by Jesus Martin Garcia | FRMCS\_Ph6 + Massive Com + Others – chaired by Yusuke Nakano  Ubiquitous - chaired by Feifei Lou  Verticals - chaired by Feifei Lou |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Opening of the meeting | | | | | |
| Opening of the meeting at 09:00 CEST on Monday 25 August 2025 | | | | | |
| Agenda and scheduling | | | | | |
| AGE | [**S1-253000**](file:///C:\TSGS1_111_Goteborg\Docs\S1-253000.zip) | SA1 Chair | 1st Draft Agenda for SA1#111 | Revised to S1-253001 |  |
| AGE | [S1-253001](file:///C:\TSGS1_111_Goteborg\Docs\S1-253001.zip) | SA1 Chair | Agenda for start of SA1#111 | Revised to S1-253002 | Revision of S1-253000. |
| AGE | [S1-253002](file:///C:\TSGS1_111_Goteborg\Docs\S1-253002.zip) | SA1 Chair | Agenda at the end of SA1#111 |  | Revision of S1-253001. |
| Cont | [**S1-253008**](file:///C:\TSGS1_111_Goteborg\Docs\S1-253008.zip) | SA1 Chair & MCC | Proposed steps after SA1#111 | Moved to 13 |  |
| 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.  **Consensus-based Approach**  The attention of the delegates to the meeting is drawn to the fact that 3GPP endeavours to reach consensus on all decisions and therefore depends on a cooperative spirit of the Individual Members. In particular, Individual Members are encouraged to seek a consensus-based solution and only to sustain objections as a very last resort, and where absolutely necessary and well justified. The leadership will conduct the present meeting in a manner whereby informal methods of reaching consensus are encouraged, whilst ensuring that well justified concerns are taken into account. | | |  |
| Previous SA1 meeting report | | | | | |
| The report of the last meeting will be approved at the start of the meeting. | | | | | |
| REP | [**S1-253004**](file:///C:\TSGS1_111_Goteborg\Docs\S1-253004.zip) | ETSI | Draft minutes of previous SA1 meeting |  |  |
| REP | S1-253005 | ETSI | Minutes of previous SA1 meeting |  |  |
| Information for delegates | | | | | |
| Draft TR/TS to SA plenary for information: delegates are encouraged to send draft TR/TS for information as soon as there is useful content to be reviewed. Draft TR/TS can be sent to SA plenary for information more than once.  Drafting p-CRs:   * All changes must be shown using revision marks against existing text in the draft TS/TR, otherwise p-CRs may be Noted * For more info: <ftp://ftp.3gpp.org/tsg_sa/WG1_Serv/Delegate_Guidelines_v10.doc> and <https://www.3gpp.org/delegates-corner/faqs>   When writing CRs, please follow the guidance provided in SP-2241007 (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. 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 | [S1-253003](file:///C:\TSGS1_111_Goteborg\Docs\S1-253003.zip) | ETSI | Extract of the 3GPP Work Plan for SA1#111 | Noted |  |
| REP | [S1-253006](file:///C:\TSGS1_111_Goteborg\Docs\S1-253006.zip) | SA1 Chair | SA1-related topics at previous SA | Noted |  |
| REP | [S1-253007](file:///C:\TSGS1_111_Goteborg\Docs\S1-253007.zip) | ETSI | Guidance on writing CRs | Noted |  |
| REP | [S1-253136](file:///C:\TSGS1_111_Goteborg\Docs\S1-253136.zip) | SA1 chair | Report of SA1 drafting call 01.07 | Noted |  |
| REP | [S1-253141](file:///C:\TSGS1_111_Goteborg\Docs\S1-253141.zip) | SA1 chair | Report of SA1 drafting call 05.08 | Noted |  |
| Liaison Statements (including related contributions) | | | | | |
| **Discreet listening in Rel20** | | | | | |
| TO | [S1-253066](file:///C:\TSGS1_111_Goteborg\Docs\S1-253066.zip) | S6-252529 | LS on Discreet listening | Replied in 3557 |  |
| OUT | [S1-253012](file:///C:\TSGS1_111_Goteborg\Docs\S1-253012.zip) | Netherlands Police | Reply LS on Discreet listening | Revised to S1-253557 |  |
| OUT | [S1-253557](file:///C:\TSGS1_111_Goteborg\docs\S1-253557.zip) | Netherlands Police | Reply LS on Discreet listening | Agreed | Revision of S1-253012.  The only change is to attach the related CR |
| WID | [S1-253013](file:///C:\TSGS1_111_Goteborg\Docs\S1-253013.zip) | Netherlands Police | mini-WID on Mission Critical Discreet listening enhancements | Revised to S1-253013r1 |  |
| WID | [S1-253013r1](file:///C:\TSGS1_111_Goteborg\docs\S1-253013r1.zip) | Netherlands Police | mini-WID on Mission Critical Discreet listening enhancements | Revised to S1-253556 | Revision of S1-253013. |
| WID | [S1-253556](file:///C:\TSGS1_111_Goteborg\docs\S1-253556.zip) | Netherlands Police | mini-WID on Mission Critical Discreet listening enhancements | Agreed | The same as S1-253013r1. |
| CR | [S1-253011](file:///C:\TSGS1_111_Goteborg\Docs\S1-253011.zip) | Netherlands Police | Discreet listening clarifications | Revised to S1-253011r1 | *WI* MCDISC\_Ph2-REQ *Rel-20 CR0177R- Cat C, TS 22.280* |
| CR | [S1-253011r1](file:///C:\TSGS1_111_Goteborg\docs\S1-253011r1.zip) | Netherlands Police | Discreet listening clarifications | Revised to S1-253555 | Revision of S1-253011. |
| CR | [S1-253555](file:///C:\TSGS1_111_Goteborg\docs\S1-253555.zip) | Netherlands Police | Discreet listening clarifications | Agreed | The same as S1-253011r1. |
| **PWS over satellite NG-RAN in Rel17 and 18** | | | | | |
| TO | [S1-253059](file:///C:\TSGS1_111_Goteborg\Docs\S1-253059.zip) | R3-253867 | Reply LS on stage 1 requirements to support PWS over satellite NG-RAN in Rel-17 | Noted |  |
| TO | [S1-253060](file:///C:\TSGS1_111_Goteborg\Docs\S1-253060.zip) | RP-251859 | Reply LS from RAN on removal of support of PWS over satellite NG-RAN in Rel-17 and 18 | Noted |  |
| **Request for including a specific requirement on identifying a Roamed-In User’s Permanent Subscription Identity by the VPLMN in Rel20** | | | | | |
| TO | [S1-253062](file:///C:\TSGS1_111_Goteborg\Docs\S1-253062.zip) | s3i250440 | Identifying a Roamed-In User’s Permanent Subscription Identity by the VPLMN | Noted | Related tdoc S1-253292 (OTD\_US) |
| **Request for including reference to security TS in TR22.870 Rel20** | | | | | |
| TO | [S1-253063](file:///C:\TSGS1_111_Goteborg\Docs\S1-253063.zip) | S3i250441 | Including a reference to TS 33.126 in TR 22.870 | Noted | Related tdoc S1-253295 (OTD\_US) |
| **Request for including fixed wireless access requirements in TR22.870 Rel20** | | | | | |
| TO | [S1-253064](file:///C:\TSGS1_111_Goteborg\Docs\S1-253064.zip) | s3i250442 | Fixed Wireless Access Stage 1 requirements needed for LI support | Noted | Related tdoc S1-253294 (OTD\_US) |
| **Mission Critical Device-to-Device Communication in the 6G era** | | | | | |
| TO | [S1-253365](file:///C:\TSGS1_111_Goteborg\Docs\S1-253365.zip) | TCCA | LS on Mission Critical Device-to-Device Communication in the 6G era | Noted |  |
| **LS on PLMN selection** | | | | | |
| OUT | [S1-253299](file:///C:\TSGS1_111_Goteborg\Docs\S1-253299.zip) | Vodafone | LS on PLMN Selection | Revised to S1-253299r1 | Related to proposed miniWID S1-253135: Lower Selection-priority for PLMN Selection |
| OUT | [S1-253299r1](file:///C:\TSGS1_111_Goteborg\docs\S1-253299r1.zip) | Vodafone | LS on PLMN Selection | Withdrawn | Revision of S1-253299. |
| **Proposed to be noted** | | | | | |
| TO | [S1-253069](file:///C:\TSGS1_111_Goteborg\Docs\S1-253069.zip) | ITU-T SG13-LS62 | LS on consent of draft new Recommendation ITU-T Y.3166 | Noted |  |
| TO | [S1-253068](file:///C:\TSGS1_111_Goteborg\Docs\S1-253068.zip) | 5G-TIMBER Consortium | 5G-Enabled Timber Manufacturing: Advancing Standards for Digital Traceability, Localization, and Circular Economy Integration | Revised to S1-253187 |  |
| TO | [S1-253187](file:///C:\TSGS1_111_Goteborg\Docs\S1-253187.zip) | 5G-TIMBER Consortium | 5G-Enabled Timber Manufacturing: Advancing Standards for Digital Traceability, Localization, and Circular Economy Integration | Noted | Revision of S1-253068. |
| CC | [S1-253058](file:///C:\TSGS1_111_Goteborg\Docs\S1-253058.zip) | C1-253720 | Reply LS on Next Generation eCall | Noted |  |
| CC | [S1-253061](file:///C:\TSGS1_111_Goteborg\Docs\S1-253061.zip) | S2-2505538 | Reply LS on stage 1 requirements for the support for PWS over satellite NGRAN in Rel-17 | Noted |  |
| CC | [S1-253065](file:///C:\TSGS1_111_Goteborg\Docs\S1-253065.zip) | S4-251584 | LS on the RAN simulation assumptions for ULBC | Noted |  |
| CC | [S1-253067](file:///C:\TSGS1_111_Goteborg\Docs\S1-253067.zip) | SP-250853 | Reply LIAISON on Public Warning System based on digital signature mechanisms | Noted |  |
| New Work Items | | | | | |
| **SIDs** | | | | | |
| Cont | [S1-253081](file:///C:\TSGS1_111_Goteborg\Docs\S1-253081.zip) | Samsung | Discussion of 5G Requirements Simplification for 6G | Noted |  |
| WID | [S1-253080](file:///C:\TSGS1_111_Goteborg\Docs\S1-253080.zip) | Samsung | New SID “Feasibility Study on 5G Requirements Simplification for 6G” | Revised to S1-253080r1 |  |
| WID | [S1-253080r1](file:///C:\TSGS1_111_Goteborg\docs\S1-253080r1.zip) | Samsung | New SID “Feasibility Study on 5G Requirements Simplification for 6G” | Noted | Revision of S1-253080. |
| **Mini WIDs** | | | | | |
| **Access category for Unattended Data Traffic** | | | | | |
| Cont | [S1-253049](file:///C:\TSGS1_111_Goteborg\Docs\S1-253049.zip) | SK Telecom, LG Uplus, Verizon, Huawei, Hisilicon, China Unicom, China Telecom, vivo | Discussion on access category for Unattended Data Traffic | Noted |  |
| WID | [S1-253044](file:///C:\TSGS1_111_Goteborg\Docs\S1-253044.zip) | SK Telecom | New miniWID on Access Category for Unattended Data Traffic |  |  |
| CR | [S1-253047](file:///C:\TSGS1_111_Goteborg\Docs\S1-253047.zip) | SK Telecom, LG Uplus, Verizon, Huawei, Hisilicon, China Unicom, China Telecom, vivo | Access category for Unattended Data Traffic | Revised to S1-253229 | *WI* New Work Items *Rel-20 CR0846R- Cat B, TS 22.261* |
| CR | [S1-253229](file:///C:\TSGS1_111_Goteborg\Docs\S1-253229.zip) | SK Telecom, LG Uplus, Verizon, Huawei, Hisilicon, China Unicom, China Telecom, vivo | Access category for Unattended Data Traffic | Revised to S1-253229r1 | Revision of S1-253047.  *WI* DUMMY *Rel-20 CR0846R- Cat B, TS 22.261* |
| CR | [S1-253229r1](file:///C:\TSGS1_111_Goteborg\docs\S1-253229r1.zip) | SK Telecom, LG Uplus, Verizon, Huawei, Hisilicon, China Unicom, China Telecom, vivo | Access category for Unattended Data Traffic | Revised to S1-253558 | Revision of S1-253229. |
| CR | [S1-253558](file:///C:\TSGS1_111_Goteborg\docs\S1-253558.zip) | SK Telecom, LG Uplus, Verizon, Huawei, Hisilicon, China Unicom, China Telecom, vivo | Access category for Unattended Data Traffic |  | The same as S1-253229r1. |
| **Integration of E-UTRA satellite access into 5G system** | | | | | |
| Cont | [S1-253108](file:///C:\TSGS1_111_Goteborg\Docs\S1-253108.zip) | China Telecommunications Corp. | DP on Integration of E-UTRA satellite access into 5G system | Noted |  |
| WID | [S1-253109](file:///C:\TSGS1_111_Goteborg\Docs\S1-253109.zip) | China Telecommunications Corp. | New miniWID on Integration of E-UTRA satellite access into 5G system |  |  |
| CR | [S1-253110](file:///C:\TSGS1_111_Goteborg\Docs\S1-253110.zip) | China Telecommunications Corp. | CR for miniWID on Integration of E-UTRA satellite access into 5G system | Revised to S1-253559 | *WI* missing *Rel-20 CR0848R- Cat C, TS 22.261* |
| CR | [S1-253559](file:///C:\TSGS1_111_Goteborg\docs\S1-253559.zip) | China Telecommunications Corp. | CR for miniWID on Integration of E-UTRA satellite access into 5G system |  | Revision of S1-253110. |
| **Lower Selection-priority for PLMN Selection** | | | | | |
| WID | [S1-253135](file:///C:\TSGS1_111_Goteborg\Docs\S1-253135.zip) | Vodafone | Lower Selection-priority for PLMN Selection | Revised to S1-253135r1 | Corresponding LS out S1-253299 |
| WID | [S1-253135r1](file:///C:\TSGS1_111_Goteborg\docs\S1-253135r1.zip) | Vodafone | Lower Selection-priority for PLMN Selection | Revised to S1-253561 | Revision of S1-253135. |
| WID | [S1-253561](file:///C:\TSGS1_111_Goteborg\docs\S1-253561.zip) | Vodafone | Lower Selection-priority for PLMN Selection |  | Revision of S1-253135r1. |
| CR | [S1-253198](file:///C:\TSGS1_111_Goteborg\Docs\S1-253198.zip) | Vodafone | Lower Selection-priority for PLMN Selection | Revised to S1-253198r1 | *WI* LoSePLMN-REQ *Rel-19 CR0373R- Cat C, TS 22.011* |
| CR | [S1-253198r1](file:///C:\TSGS1_111_Goteborg\docs\S1-253198r1.zip) | Vodafone | Lower Selection-priority for PLMN Selection | Revised to S1-253560 | Revision of S1-253198. |
| CR | [S1-253560](file:///C:\TSGS1_111_Goteborg\docs\S1-253560.zip) | Vodafone | Lower Selection-priority for PLMN Selection |  | Revision of S1-253198r1. |
| **FRMSC revised WID** | | | | | |
| WID | [S1-253368](file:///C:\TSGS1_111_Goteborg\Docs\S1-253368.zip) | UIC | Revised FRMCS WID |  |  |
| 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. | | | | | |
| Cont | [S1-253070](file:///C:\TSGS1_111_Goteborg\Docs\S1-253070.zip) | KPN N.V. | Discussion paper on Stage-1 Charging/OAM requirements | Noted |  |
| Cont | [S1-253071](file:///C:\TSGS1_111_Goteborg\Docs\S1-253071.zip) | KPN N.V. | New CPR template | Noted |  |
| CR | [S1-253072](file:///C:\TSGS1_111_Goteborg\Docs\S1-253072.zip) | KPN N.V. | Ordering Charging Requirements in TS 22.261 | Revised to S1-253072r1 | *WI*  *Rel-19 CR0847R- Cat D, TS 22.261* |
| CR | [S1-253072r1](file:///C:\TSGS1_111_Goteborg\docs\S1-253072r1.zip) | KPN N.V. | Ordering Charging Requirements in TS 22.261 | Revised to S1-253562 | Revision of S1-253072. |
| CR | [S1-253562](file:///C:\TSGS1_111_Goteborg\docs\S1-253562.zip) | KPN N.V. | Ordering Charging Requirements in TS 22.261 | Agreed | The same as S1-253072r1.  The only change is: This clause addresses the charging aspects of the different services/features described in the present document. Functional service requirements for the respective services/features can be found in subclauses with the respective titles under clause 6. |
| CR | [S1-253366](file:///C:\TSGS1_111_Goteborg\Docs\S1-2533366.zip) | KPN N.V. | Ordering Charging Requirements in TS 22.261 | Revised to S1-253563 | *WI* SMARTER\_Ph2, TEI19 *Rel-20 CR0851R- Mirror, TS 22.261* |
| CR | [S1-253563](file:///C:\TSGS1_111_Goteborg\docs\S1-253563.zip) | KPN N.V. | Ordering Charging Requirements in TS 22.261 |  | Revision of S1-253366. |
| Rel-19 and earlier contributions | | | | | |
| Rel-19 correction and clarification CRs | | | | | |
| CR | [S1-253243](file:///C:\TSGS1_111_Goteborg\Docs\S1-253243.zip) | ZTE Corporation | Clean-up of 22.261 on R19 | Revised to S1-253243r1 | *WI* EASNS *Rel-19 CR0849R- Cat A, TS 22.261* |
| CR | [S1-253243r1](file:///C:\TSGS1_111_Goteborg\docs\S1-253243r1.zip) | ZTE Corporation | Clean-up of 22.261 on R19 | Noted | Revision of S1-253243. |
| CR | [S1-253244](file:///C:\TSGS1_111_Goteborg\Docs\S1-253244.zip) | ZTE Corporation | Clean-up of 22.261 on R20 | Revised to S1-253244r1 | *WI* EASNS *Rel-20 CR0850R- Cat D, TS 22.261* |
| CR | [S1-253244r1](file:///C:\TSGS1_111_Goteborg\docs\S1-253244r1.zip) | ZTE Corporation | Clean-up of 22.261 on R20 | Noted | Revision of S1-253244. |
| Release 17 & 18 Alignment CRs (aligning Stage 1 specifications with what has been implemented in Stage 2 and 3) | | | | | |
|  |  |  |  |  |  |
| Rel-18 and earlier CRs (other than alignment) | | | | | |
|  |  |  |  |  |  |
| Rel-20 5GA contributions | | | | | |
| FRMCS\_Ph6 | | | | | |
| FS\_FRMCS\_Ph6 [[SP-241392](https://www.3gpp.org/ftp/tsg_sa/TSG_SA/TSGS_105_Melbourne_2024-09/Docs/SP-241392.zip)] | | | | | |
| **Work status prior to this meeting:**  Rapporteur: Vassiliki Nikolopoulou (UIC)  Latest version: [TR22.989v20.3.0](https://www.3gpp.org/ftp/Specs/archive/22_series/22.989/22989-k30.zip)  Target completion date: SA#107 (03/2025)  Percentage completion: 100% | | | | | |
|  |  |  |  |  |  |
| FRMCS\_Ph6 – Normative [[SP-250277](https://www.3gpp.org/ftp/tsg_sa/TSG_SA/TSGS_107_Incheon_2025-03/Docs/SP-250277.zip)] | | | | | |
| **Work status prior to this meeting:**  Rapporteur: Vassiliki Nikolopoulou (UIC)  Target completion date: SA#108 (06/2025)  Percentage completion: 10% | | | | | |
| CR | [S1-253088](file:///C:\TSGS1_111_Goteborg\Docs\S1-253088.zip) | Nokia, UIC | Availability status of a MC User | Revised to S1-253088r1 | *WI* FRMCS\_Ph6-REQ *Rel-20 CR0178R- Cat C, TS 22.280* |
| CR | [S1-253088r1](file:///C:\Users\Public\Documents\SA1%23111_Gothenburg\docs\S1-253088r1.zip) | Nokia, UIC | Availability status of a MC User | Revised to S1-253088r2 | Revision of S1-253088. |
| CR | [S1-253088r2](file:///C:\Users\Public\Documents\SA1%23111_Gothenburg\docs\S1-253088r2.zip) | Nokia, UIC | Availability status of a MC User | Revised to S1-253088r3 | Revision of S1-253088r1. |
| CR | [S1-253088r3](file:///C:\Users\Public\Documents\SA1%23111_Gothenburg\docs\S1-253088r3.zip) | Nokia, UIC | Availability status of a MC User | Noted | Revision of S1-253088r2. |
| CR | [S1-253252](file:///C:\TSGS1_111_Goteborg\Docs\S1-253252.zip) | UIC, Nokia | 1.Addition of Functional Aliases in the participants list and in the notifications of AHGC2.Authorizations for combining Ad hoc Group calls | Revised to S1-253252r1 | *WI* FRMCS\_Ph6-REQ *Rel-20 CR0179R- Cat C, TS 22.280* |
| CR | [S1-253252r1](file:///C:\Users\Public\Documents\SA1%23111_Gothenburg\docs\S1-253252r1.zip) | UIC, Nokia | 1.Addition of Functional Aliases in the participants list and in the notifications of AHGC2.Authorizations for combining Ad hoc Group calls | Revised to S1-253252r2 | Revision of S1-253252. |
| CR | [S1-253252r2](file:///C:\Users\Public\Documents\SA1%23111_Gothenburg\docs\S1-253252r2.zip) | UIC, Nokia | 1.Addition of Functional Aliases in the participants list and in the notifications of AHGC2.Authorizations for combining Ad hoc Group calls | Revised to S1-253380 | Revision of S1-253252r1. |
| CR | [S1-253380](file:///C:\TSGS1_111_Goteborg\Docs\S1-253380.zip) | UIC, Nokia | 1.Addition of Functional Aliases in the participants list and in the notifications of AHGC2.Authorizations for combining Ad hoc Group calls | Agreed | Revision of S1-253252r2.  Remove changes on change, update the title.  The content is same as 3252r2 |
| CR | [S1-253263](file:///C:\TSGS1_111_Goteborg\Docs\S1-253263.zip) | UIC, Nokia | Addition of Functional Aliases in the notifications of AHG emergency alertCombining AHG emergency alerts | Revised to S1-253263r1 | *WI* FRMCS\_Ph6-REQ *Rel-20 CR0850R- Cat C, TS 22.280* |
| CR | [S1-253263r1](file:///C:\Users\Public\Documents\SA1%23111_Gothenburg\docs\S1-253263r1.zip) | UIC, Nokia | Addition of Functional Aliases in the notifications of AHG emergency alertCombining AHG emergency alerts | Revised to S1-253263r2 | Revision of S1-253263. |
| CR | [S1-253263r2](file:///C:\Users\Public\Documents\SA1%23111_Gothenburg\docs\S1-253263r2.zip) | UIC, Nokia | Addition of Functional Aliases in the notifications of AHG emergency alertCombining AHG emergency alerts | Revised to S1-253381 | Revision of S1-253263r1. |
| CR | [S1-253381](file:///C:\TSGS1_111_Goteborg\Docs\S1-253381.zip) | UIC, Nokia | Addition of Functional Aliases in the notifications of AHG emergency alertCombining AHG emergency alerts | Agreed | Revision of S1-253263r2.  Remove changes on change. Title should be changed.  The content is same as 3263r2 |
| Other completed Work Items | | | | | |
| CR | [S1-253224](file:///C:\TSGS1_111_Goteborg\Docs\S1-253224.zip) | Apple | Supplementary service CFNL missing MMI code | Revised to S1-253224r1 | *WI*  *Rel-20 CR0133R- Cat F, TS 22.173* |
| CR | [S1-253224r1](file:///C:\TSGS1_111_Goteborg\docs\S1-253224r1.zip) | Apple | Supplementary service CFNL missing MMI code | Revised to S1-253564 | Revision of S1-253224. |
| CR | [S1-253564](file:///C:\TSGS1_111_Goteborg\docs\S1-253564.zip) | Apple | Supplementary service CFNL missing MMI code | Agreed | The same as S1-253224r1. |
| Rel-20 6G contributions | | | | | |
| FS\_6G-REQ [[SP-241391](https://www.3gpp.org/ftp/tsg_sa/TSG_SA/TSGS_105_Melbourne_2024-09/Docs/SP-241391.zip)] | | | | | |
| **Work status prior to this meeting:**  Rapporteur: Xiaonan Shi (China Mobile), Jean Trakinat (T-Mobile USA)  Latest version: [TR22.870v0.3.1](https://www.3gpp.org/ftp/Specs/archive/22_series/22.870/22870-031.zip)  Target completion date: SA#111 (03/2026)  Percentage completion: 66% | | | | | |
| General | | | | | |
| **Editorial and structural** | | | | | |
| Cont | [S1-253026](file:///C:\TSGS1_111_Goteborg\Docs\S1-253026.zip) | 6G study Rapporteurs | Rapporteurs Editorial Corrections on 22870-031 | Revised to S1-253089 |  |
| Cont | [S1-253089](file:///C:\TSGS1_111_Goteborg\Docs\S1-253089.zip) | 6G study Rapporteurs | Rapporteurs Editorial Corrections on 22870-031 | Approved | Revision of S1-253026. |
| Cont | [S1-253234](file:///C:\TSGS1_111_Goteborg\Docs\S1-253234.zip) | Huawei, Nokia | Resolution of editorial issues and Editor’s Notes in “Sustainability and Energy Efficiency” clause (5.8) | Merged into S1-253089 | Rapp comment: Included in S1-253089 |
| Cont | [S1-253238](file:///C:\TSGS1_111_Goteborg\Docs\S1-253238.zip) | Huawei | Pseudo-CR on Resolving the EN to the abbreviation ‘MEC’ | Merged into S1-253089 | Rapp comment: Included in S1-253089 |
| Cont | [S1-253025](file:///C:\TSGS1_111_Goteborg\Docs\S1-253025.zip) | Qualcomm Incorporated | Proposal on TR structure changes | Revised to S1-253095 |  |
| Cont | [S1-253095](file:///C:\TSGS1_111_Goteborg\Docs\S1-253095.zip) | Qualcomm Incorporated | Proposal on TR structure changes | Noted | Revision of S1-253025.  New tdoc number (3364) assigned for a pCR change proposal. |
| Cont | [S1-253364](file:///C:\TSGS1_111_Goteborg\Docs\S1-253364.zip) | Qualcomm Incorporated | pCR on TR structure changes | Noted |  |
| Cont | [S1-253027](file:///C:\TSGS1_111_Goteborg\Docs\S1-253027.zip) | 6G study Rapporteurs | Re-structure on Clause 6 of TR 22.870 | Noted | Presented in CC 05.08 |
| **Definitions and Terms** | | | | | |
| Cont | [S1-253173](file:///C:\TSGS1_111_Goteborg\Docs\S1-253173.zip) | vivo | Alignment of 6G computing service | Revised to S1-253367 |  |
| Cont | [S1-253367](file:///C:\TSGS1_111_Goteborg\Docs\S1-253367.zip) | vivo | Alignment of 6G computing service | Approved | Revision of S1-253173.  The only change is to exclude the changes to PR 6.6.6-5 and to change the “6G computing service” to “6G Computing Service”. |
| Cont | [S1-253175](file:///C:\TSGS1_111_Goteborg\Docs\S1-253175.zip) | vivo | Discussion on  AI service & 6G computing service | Noted |  |
| Cont | [S1-253176](file:///C:\TSGS1_111_Goteborg\Docs\S1-253176.zip) | vivo | Update definitions of AI service and 6G computing service | Merged into S1-253335r1 | AI service definition merged into 3335r1  6G computing service definition merged into 3137r1 |
| Cont | [S1-253335](file:///C:\TSGS1_111_Goteborg\Docs\S1-253335.zip) | Qualcomm France | Update to AI Service Definition | Revised to S1-253335r1 | Moved from 8.1.3 |
| Cont | [S1-253335r1](file:///C:\TSGS1_111_Goteborg\docs\S1-253335r1.zip) | Qualcomm France | Update to AI Service Definition | Revised to S1-253335r2 | Revision of S1-253335. |
| Cont | [S1-253335r2](file:///C:\TSGS1_111_Goteborg\docs\S1-253335r2.zip) | Qualcomm France | Update to AI Service Definition | Revised to S1-253335r3 | Revision of S1-253335r1. |
| Cont | [S1-253335r3](file:///C:\TSGS1_111_Goteborg\docs\S1-253335r3.zip) | Qualcomm France | Update to AI Service Definition | Revised to S1-253565 | Revision of S1-253335r2. |
| Cont | [S1-253565](file:///C:\TSGS1_111_Goteborg\docs\S1-253565.zip) | Qualcomm France | Update to AI Service Definition | Approved | The same as S1-253335r3.  The only change is to remove the second change.  All the occurrences of AI service definition will be updated by the rapporteurs in the TR |
| Cont | [S1-253264](file:///C:\TSGS1_111_Goteborg\Docs\S1-253264.zip) | China Mobile | Discussion on AI agent definition update | Revised to S1-253264r1 |  |
| Cont | [S1-253264r1](file:///C:\TSGS1_111_Goteborg\docs\S1-253264r1.zip) | China Mobile | Discussion on AI agent definition update | Revised to S1-253566 | Revision of S1-253264. |
| Cont | [S1-253566](file:///C:\TSGS1_111_Goteborg\docs\S1-253566.zip) | China Mobile | Discussion on AI agent definition update | Endorsed | Revision of S1-253264r1.  The agreed text: **Al Agent:** an automated intelligent entity that achieves a specific goal (autonomously or not) on behalf of another entity, by e.g. interacting with its environment, acquiring contextual information, reasoning, self-learning, decision-making, and executing tasks (independently or in collaboration with other AI Agents). |
| Cont | [S1-253567](file:///C:\TSGS1_111_Goteborg\Docs\S1-253567.zip) | China Mobile | AI agent definition update |  |  |
| Cont | [S1-253177](file:///C:\TSGS1_111_Goteborg\Docs\S1-253177.zip) | vivo | Resolving EN for 6G system Data | Revised to S1-253177r1 | Moved from 8.1.2 |
| Cont | [S1-253177r1](file:///C:\TSGS1_111_Goteborg\docs\S1-253177r1.zip) | vivo | Resolving EN for 6G system Data | Revised to S1-253177r2 | Revision of S1-253177. |
| Cont | [S1-253177r2](file:///C:\TSGS1_111_Goteborg\docs\S1-253177r2.zip) | vivo | Resolving EN for 6G system Data | Revised to S1-253568 | Revision of S1-253177r1. |
| Cont | [S1-253568](file:///C:\TSGS1_111_Goteborg\docs\S1-253568.zip) | vivo | Resolving EN for 6G system Data | Approved | The same as S1-253177r2.  The only change is: **6G System Data**: the data that is controlled by the 6G system and can be generated or collected by the 6G system. |
| Cont | [S1-253320](file:///C:\TSGS1_111_Goteborg\Docs\S1-253320.zip) | NOVAMINT, Thales, TNO, ESA | Pseudo-CR on clarification of 6G system and satellite access | Revised to S1-253320r1 |  |
| Cont | [S1-253320r1](file:///C:\TSGS1_111_Goteborg\docs\S1-253320r1.zip) | NOVAMINT, Thales, TNO, ESA | Pseudo-CR on clarification of 6G system and satellite access | Revised to S1-253569 | Revision of S1-253320. |
| Cont | [S1-253569](file:///C:\TSGS1_111_Goteborg\docs\S1-253569.zip) | NOVAMINT, Thales, TNO, ESA | Pseudo-CR on clarification of 6G system and satellite access |  | Revision of S1-253320r1. |
| Cont | [S1-253328](file:///C:\TSGS1_111_Goteborg\Docs\S1-253328.zip) | NOVAMINT, Thales, TNO, ESA | Pseudo-CR on definitions and other information for satellite/NTN | Revised to S1-253328r1 |  |
| Cont | [S1-253328r1](file:///C:\TSGS1_111_Goteborg\docs\S1-253328r1.zip) | NOVAMINT, Thales, TNO, ESA | Pseudo-CR on definitions and other information for satellite/NTN | Revised to S1-253570 | Revision of S1-253328. |
| Cont | [S1-253570](file:///C:\TSGS1_111_Goteborg\docs\S1-253570.zip) | NOVAMINT, Thales, TNO, ESA | Pseudo-CR on definitions and other information for satellite/NTN |  | Revision of S1-253328r1. |
| Cont | [S1-253235](file:///C:\TSGS1_111_Goteborg\Docs\S1-253235.zip) | SoftBank, NTT DOCOMO, KDDI | Explanation of High Altitude Platform Station (HAPS) | Revised to S1-253235r1 |  |
| Cont | [S1-253235r1](file:///C:\TSGS1_111_Goteborg\docs\S1-253235r1.zip) | SoftBank, NTT DOCOMO, KDDI | Explanation of High Altitude Platform Station (HAPS) | Revised to S1-253571 | Revision of S1-253235. |
| Cont | [S1-253571](file:///C:\TSGS1_111_Goteborg\docs\S1-253571.zip) | SoftBank, NTT DOCOMO, KDDI | Explanation of High Altitude Platform Station (HAPS) |  | Revision of S1-253235r1. |
| Cont | [S1-253137](file:///C:\TSGS1_111_Goteborg\Docs\S1-253137.zip) | China Mobile lnfo.Tech.Co. Ltd | Pseudo-CR on update computing service | Revised to S1-253137r1 | Moved from 8.1.3 |
| Cont | [S1-253137r1](file:///C:\TSGS1_111_Goteborg\docs\S1-253137r1.zip) | China Mobile lnfo.Tech.Co. Ltd | Pseudo-CR on update computing service | Revised to S1-253137r2 | Revision of S1-253137. |
| Cont | [S1-253137r2](file:///C:\TSGS1_111_Goteborg\docs\S1-253137r2.zip) | China Mobile lnfo.Tech.Co. Ltd | Pseudo-CR on update computing service | Revised to S1-253572 | Revision of S1-253137r1. |
| Cont | [S1-253572](file:///C:\TSGS1_111_Goteborg\docs\S1-253572.zip) | China Mobile lnfo.Tech.Co. Ltd | Pseudo-CR on update computing service | Approved | Same as S1-253137r2.  The only change to remove the proposed note 1 |
| Cont | [S1-253140](file:///C:\TSGS1_111_Goteborg\Docs\S1-253140.zip) | China Mobile | Discussion paper on computing services | Noted | Moved from 8.1.3 |
| Cont | [S1-253212](file:///C:\TSGS1_111_Goteborg\Docs\S1-253212.zip) | Xiaomi, China Mobile | Discussion on UE AI agent | Noted | Moved from 8.1.3 |
| Cont | [S1-253355](file:///C:\TSGS1_111_Goteborg\Docs\S1-253355.zip) | Xiaomi Communications | pCR for Intent definition | Noted | Moved from 8.1.3 |
| Cont | [S1-253355r1](file:///C:\TSGS1_111_Goteborg\docs\S1-253355r1.zip) | Xiaomi Communications | pCR for Intent definition | Withdrawn | Revision of S1-253355. |
| Cont | [S1-253186](file:///C:\TSGS1_111_Goteborg\Docs\S1-253186.zip) | Nokia | Remove Operator Managed Data Network term | Revised to S1-253186r1 |  |
| Cont | [S1-253186r1](file:///C:\TSGS1_111_Goteborg\docs\S1-253186r1.zip) | Nokia | Remove Operator Managed Data Network term |  | Revision of S1-253186. |
| **Proposed new text to “empty” clauses** | | | | | |
| Cont | [S1-253090](file:///C:\TSGS1_111_Goteborg\Docs\S1-253090.zip) | 6G Study Rapporteurs | Proposed Scope Text | Approved |  |
| Cont | [S1-253091](file:///C:\TSGS1_111_Goteborg\Docs\S1-253091.zip) | 6G Study Rapporteurs | Proposed Initial text for Overview (Clause 4) | Noted |  |
| Cont | [S1-253091r1](file:///C:\TSGS1_111_Goteborg\docs\S1-253091r1.zip) | 6G Study Rapporteurs | Proposed Initial text for Overview (Clause 4) | Withdrawn | Revision of S1-253091. |
| Cont | [S1-253094](file:///C:\TSGS1_111_Goteborg\Docs\S1-253094.zip) | 6G Study Rapporteurs | Initial Text for Clause x (Other Considerations) | Noted |  |
| **Consolidation** | | | | | |
| Cont | [S1-253267](file:///C:\TSGS1_111_Goteborg\Docs\S1-253267.zip) | 6G Study Rapporteurs | Structure on consolidation | Noted |  |
| Cont | [S1-253014](file:///C:\TSGS1_111_Goteborg\Docs\S1-253014.zip) | ZITiS | Pseude-CR on Support of LI and retention of data in 6G | Moved to 8.1.2 |  |
| System and Operation Aspects | | | | | |
| Cont | [S1-253022](file:///C:\TSGS1_111_Goteborg\Docs\S1-253022.zip) | Xidian University | Discussion of Open-Source Multi-Access Edge Computing | Noted | Not handled |
| **Interworking/Non-3GPP Access/Legacy Services (Clauses 5.2, 5.3 & 5.4)** | | | | | |
| Cont | [S1-253331](file:///C:\TSGS1_111_Goteborg\Docs\S1-253331.zip) | Charter Communications, Inc | pCR on 22.870 Cleanup – Issue#18- Resolving EN in 5.3 | Merged into S1-253089 | Rapp comment: Included in S1-253089 |
| Cont | [S1-253028](file:///C:\TSGS1_111_Goteborg\Docs\S1-253028.zip) | TELEFONICA S.A. | DP on Interworking with legacy systems (6G and 4G) | Revised to S1-253209 |  |
| Cont | [S1-253209](file:///C:\TSGS1_111_Goteborg\Docs\S1-253209.zip) | TELEFONICA S.A. | DP on Interworking with legacy systems (6G and 4G) | Noted | Revision of S1-253028. |
| Cont | [S1-253162](file:///C:\TSGS1_111_Goteborg\Docs\S1-253162.zip) | TELEFONICA S.A. | Interworking with legacy systems | Revised to S1-253162r1 |  |
| Cont | [S1-253162r1](file:///C:\TSGS1_111_Goteborg\docs\S1-253162r1.zip) | TELEFONICA S.A. | Interworking with legacy systems | Revised to S1-253162r2 | Revision of S1-253162. |
| Cont | [S1-253162r2](file:///C:\Users\Public\Documents\SA1%23111_Gothenburg\docs\S1-253162r2.zip) | TELEFONICA S.A. | Interworking with legacy systems |  | Revision of S1-253162r1. |
| Cont | [S1-253199](file:///C:\TSGS1_111_Goteborg\Docs\S1-253199.zip) | Vodafone | Interworking with legacy systems revision | Merged into S1-253162r1 |  |
| Cont | [S1-253034](file:///C:\TSGS1_111_Goteborg\Docs\S1-253034.zip) | LG Electronics Inc. | Should 6G Support Interworking with EPC – Always, Never, or When Needed? | Merged into S1-253162 | Presented in CC 05.08 |
| Cont | [S1-253024](file:///C:\TSGS1_111_Goteborg\Docs\S1-253024.zip) | Verizon, AT&T, Boost Mobile Network, KDDI, Qualcomm, SK Telecom, T-Mobile USA, Vodafone | Update use case 5.4 <Re-instating IMS supplementary services> | Revised to S1-253024r1 |  |
| Cont | [S1-253024r1](file:///C:\Users\Public\Documents\SA1%23111_Gothenburg\docs\S1-253024r1.zip) | Verizon, AT&T, Boost Mobile Network, KDDI, Qualcomm, SK Telecom, T-Mobile USA, Vodafone | Update use case 5.4 <Re-instating IMS supplementary services> | Revised to S1-253400 | Revision of S1-253024. |
| Cont | [S1-253400](file:///C:\TSGS1_111_Goteborg\Docs\S1-253400.zip) | Verizon, AT&T, Boost Mobile Network, KDDI, Qualcomm, SK Telecom, T-Mobile USA, Vodafone | Update use case 5.4 <Re-instating IMS supplementary services> | Agreed | Revision of S1-253024r1.  The content is same as 3024r1. |
| Cont | [S1-253245](file:///C:\TSGS1_111_Goteborg\Docs\S1-253245.zip) | ZTE Corporation | Pseudo-CR on adding an exception requirement about network slicing | Noted |  |
| Cont | [S1-253295](file:///C:\TSGS1_111_Goteborg\Docs\S1-253295.zip) | OTD\_US | Clarification regarding Lawful Interception for 6G TR | Revised to S1-253295r1 | Related to LS S1-253063 |
| Cont | [S1-253295r1](file:///C:\Users\Public\Documents\SA1%23111_Gothenburg\docs\S1-253295r1.zip) | OTD\_US | Clarification regarding Lawful Interception for 6G TR | Revised to S1-253401 | Revision of S1-253295. |
| Cont | [S1-253401](file:///C:\TSGS1_111_Goteborg\Docs\S1-253401.zip) | OTD\_US | Clarification regarding Lawful Interception for 6G TR | Agreed | Revision of S1-253295r1.  The content is same as 3295r1. |
| **Security (Clauses 5.5)** | | | | | |
| Cont | [S1-253014](file:///C:\TSGS1_111_Goteborg\Docs\S1-253014.zip) | ZITiS | Pseude-CR on Support of LI and retention of data in 6G | Revised to S1-253014r1 | Moved from 8.1.1 |
| Cont | [S1-253014r1](file:///C:\Users\Public\Documents\SA1%23111_Gothenburg\docs\S1-253014r1.zip) | ZITiS | Pseude-CR on Support of LI and retention of data in 6G | Revised to S1-253014r2 | Revision of S1-253014. |
| Cont | [S1-253014r2](file:///C:\Users\Public\Documents\SA1%23111_Gothenburg\docs\S1-253014r2.zip) | ZITiS | Pseude-CR on Support of LI and retention of data in 6G |  | Revision of S1-253014r1. |
| Cont | [S1-253021](file:///C:\TSGS1_111_Goteborg\Docs\S1-253021.zip) | DISA | Pseudo-CR on Decentralised Network Security for 6G | Revised to S1-253021r1 |  |
| Cont | [S1-253021r1](file:///C:\Users\Public\Documents\SA1%23111_Gothenburg\docs\S1-253021r1.zip) | DISA | Pseudo-CR on Decentralised Network Security for 6G | Revised to S1-253021r2 | Revision of S1-253021. |
| Cont | [S1-253021r2](file:///C:\Users\Public\Documents\SA1%23111_Gothenburg\docs\S1-253021r2.zip) | DISA | Pseudo-CR on Decentralised Network Security for 6G |  | Revision of S1-253021r1. |
| Cont | [S1-253115](file:///C:\TSGS1_111_Goteborg\Docs\S1-253115.zip) | China Mobile | Pseudo-CR on update 5.5.2 Use case on quantum-resistant security | Merged into S1-253284r1 |  |
| Cont | [S1-253284](file:///C:\TSGS1_111_Goteborg\Docs\S1-253284.zip) | Huawei, HiSilicon | Pseudo-CR for adding new PR on use case on quantum-resistant security | Revised to S1-253284r1 |  |
| Cont | [S1-253284r1](file:///C:\Users\Public\Documents\SA1%23111_Gothenburg\docs\S1-253284r1.zip) | Huawei, HiSilicon | Pseudo-CR for adding new PR on use case on quantum-resistant security | Revised to S1-253284r2 | Revision of S1-253284. |
| Cont | [S1-253284r2](file:///C:\Users\Public\Documents\SA1%23111_Gothenburg\docs\S1-253284r2.zip) | Huawei, HiSilicon | Pseudo-CR for adding new PR on use case on quantum-resistant security |  | Revision of S1-253284r1. |
| Cont | [S1-253116](file:///C:\TSGS1_111_Goteborg\Docs\S1-253116.zip) | China Mobile | Pseudo-CR on update 5.5.4.2 6G Security requirements | Revised to S1-253116r1 | Rapp comment: To be merged with 3336 |
| Cont | [S1-253116r1](file:///C:\TSGS1_111_Goteborg\docs\S1-253116r1.zip) | China Mobile | Pseudo-CR on update 5.5.4.2 6G Security requirements | Revised to S1-253116r2 | Revision of S1-253116. |
| Cont | [S1-253116r2](file:///C:\Users\Public\Documents\SA1%23111_Gothenburg\docs\S1-253116r2.zip) | China Mobile | Pseudo-CR on update 5.5.4.2 6G Security requirements | Revised to S1-253116r3 | Revision of S1-253116r1. |
| Cont | [S1-253116r3](file:///C:\Users\Public\Documents\SA1%23111_Gothenburg\docs\S1-253116r3.zip) | China Mobile | Pseudo-CR on update 5.5.4.2 6G Security requirements |  | Revision of S1-253116r2. |
| Cont | [S1-253336](file:///C:\TSGS1_111_Goteborg\Docs\S1-253336.zip) | Lenovo, Motorola Mobility | Updates to 6G Security Requirements | Merged into S1-253116r1 | Rapp comment: To be merged with 3116 |
| Cont | [S1-253048](file:///C:\TSGS1_111_Goteborg\Docs\S1-253048.zip) | CEWiT, Nokia | Use Case on Enhanced Exposure - Update | Revised to S1-253048r1 |  |
| Cont | [S1-253048r1](file:///C:\Users\Public\Documents\SA1%23111_Gothenburg\docs\S1-253048r1.zip) | CEWiT, Nokia | Use Case on Enhanced Exposure - Update | Revised to S1-253048r2 | Revision of S1-253048. |
| Cont | [S1-253048r2](file:///C:\Users\Public\Documents\SA1%23111_Gothenburg\docs\S1-253048r2.zip) | CEWiT, Nokia | Use Case on Enhanced Exposure - Update |  | Revision of S1-253048r1. |
| Cont | [S1-253221](file:///C:\TSGS1_111_Goteborg\Docs\S1-253221.zip) | Apple | Privacy requirement Editor's Note | Merged into S1-253281 |  |
| Cont | [S1-253092](file:///C:\TSGS1_111_Goteborg\Docs\S1-253092.zip) | 6G Study Rapporteurs | Merging Privacy Text in Clauses 5.5.6 and 5.5.7 | Noted | Rapp comment: To be merged with 3277 |
| Cont | [S1-253277](file:///C:\TSGS1_111_Goteborg\Docs\S1-253277.zip) | Huawei, HiSilicon, Rakuten | Update of existing Use Case (clause 5.5.7) on privacy protection of data exposure | Noted | Rapp comment: To be merged with 3092 |
| Cont | [S1-253363](file:///C:\TSGS1_111_Goteborg\Docs\S1-253363.zip) | Huawei, HiSilicon, Rakuten | New use case on privacy protection of data exposure | Revised to S1-253363r1 |  |
| Cont | [S1-253363r1](file:///C:\Users\Public\Documents\SA1%23111_Gothenburg\docs\S1-253363r1.zip) | Huawei, HiSilicon, Rakuten | New use case on privacy protection of data exposure | Revised to S1-253363r2 | Revision of S1-253363. |
| Cont | [S1-253363r2](file:///C:\Users\Public\Documents\SA1%23111_Gothenburg\docs\S1-253363r2.zip) | Huawei, HiSilicon, Rakuten | New use case on privacy protection of data exposure | Revised to S1-253363r3 | Revision of S1-253363r1. |
| Cont | [S1-253363r3](file:///C:\Users\Public\Documents\SA1%23111_Gothenburg\docs\S1-253363r3.zip) | Huawei, HiSilicon, Rakuten | New use case on privacy protection of data exposure |  | Revision of S1-253363r2. |
| Cont | [S1-253281](file:///C:\TSGS1_111_Goteborg\Docs\S1-253281.zip) | OTD\_US | Pseudo-CR on Privacy Protection | Revised to S1-253281r1 |  |
| Cont | [S1-253281r1](file:///C:\TSGS1_111_Goteborg\docs\S1-253281r1.zip) | OTD\_US | Pseudo-CR on Privacy Protection | Revised to S1-253281r2 | Revision of S1-253281. |
| Cont | [S1-253281r2](file:///C:\Users\Public\Documents\SA1%23111_Gothenburg\docs\S1-253281r2.zip) | OTD\_US | Pseudo-CR on Privacy Protection | Revised to S1-253281r3 | Revision of S1-253281r1. |
| Cont | [S1-253281r3](file:///C:\Users\Public\Documents\SA1%23111_Gothenburg\docs\S1-253281r3.zip) | OTD\_US | Pseudo-CR on Privacy Protection | Revised to S1-253281r4 | Revision of S1-253281r2. |
| Cont | [S1-253281r4](file:///C:\TSGS1_111_Goteborg\docs\S1-253281r4.zip) | OTD\_US | Pseudo-CR on Privacy Protection | Revised to S1-253281r5 | Revision of S1-253281r3. |
| Cont | [S1-253281r5](file:///C:\TSGS1_111_Goteborg\docs\S1-253281r5.zip) | OTD\_US | Pseudo-CR on Privacy Protection |  | Revision of S1-253281r4. |
| Cont | [S1-253179](file:///C:\TSGS1_111_Goteborg\Docs\S1-253179.zip) | NTT DOCOMO, NTT | Pseudo-CR on updates to digital identity management for digital asset container (9.11) | Revised to S1-253179r1 |  |
| Cont | [S1-253179r1](file:///C:\Users\Public\Documents\SA1%23111_Gothenburg\docs\S1-253179r1.zip) | NTT DOCOMO, NTT | Pseudo-CR on updates to digital identity management for digital asset container (9.11) | Revised to S1-253402 | Revision of S1-253179. |
| Cont | [S1-253402](file:///C:\TSGS1_111_Goteborg\Docs\S1-253402.zip) | NTT DOCOMO, NTT | Pseudo-CR on updates to digital identity management for digital asset container (9.11) | Agreed | Revision of S1-253179r1.  The content is same as 3179r1. |
| **New use cases for clause 5.5** | | | | | |
| Cont | [S1-253019](file:///C:\TSGS1_111_Goteborg\Docs\S1-253019.zip) | THALES | New UC Multi-tenant 6G satellite access | Revised to S1-253019r1 |  |
| Cont | [S1-253019r1](file:///C:\Users\Public\Documents\SA1%23111_Gothenburg\docs\S1-253019r1.zip) | THALES | New UC Multi-tenant 6G satellite access | Withdrawn | Revision of S1-253019. |
| Cont | [S1-253029](file:///C:\TSGS1_111_Goteborg\Docs\S1-253029.zip) | InterDigital | Discussion on Trustworthiness in SA1 | Noted | Presented in CC 05.08 |
| Cont | [S1-253030](file:///C:\TSGS1_111_Goteborg\Docs\S1-253030.zip) | InterDigital | Trust building services | Revised to S1-253035 |  |
| Cont | [S1-253035](file:///C:\TSGS1_111_Goteborg\Docs\S1-253035.zip) | InterDigital | Trust building services | Revised to S1-253038 | Revision of S1-253030. |
| Cont | [S1-253038](file:///C:\TSGS1_111_Goteborg\Docs\S1-253038.zip) | InterDigital | Trust building services | Revised to S1-253038r1 | Revision of S1-253035. |
| Cont | [S1-253038r1](file:///C:\TSGS1_111_Goteborg\docs\S1-253038r1.zip) | InterDigital | Trust building services | Revised to S1-253038r2 | Revision of S1-253038. |
| Cont | [S1-253038r2](file:///C:\Users\Public\Documents\SA1%23111_Gothenburg\docs\S1-253038r2.zip) | InterDigital | Trust building services | Revised to S1-253038r3 | Revision of S1-253038r1. |
| Cont | [S1-253038r3](file:///C:\Users\Public\Documents\SA1%23111_Gothenburg\docs\S1-253038r3.zip) | InterDigital | Trust building services |  | Revision of S1-253038r2. |
| Cont | [S1-253219](file:///C:\TSGS1_111_Goteborg\Docs\S1-253219.zip) | Apple | Personal Data Usage additional clarification | Noted |  |
| Cont | [S1-253220](file:///C:\TSGS1_111_Goteborg\Docs\S1-253220.zip) | Apple | New Use Case on Personal Data Usage | Revised to S1-253220r1 |  |
| Cont | [S1-253220r1](file:///C:\TSGS1_111_Goteborg\docs\S1-253220r1.zip) | Apple | New Use Case on Personal Data Usage | Revised to S1-253220r2 | Revision of S1-253220. |
| Cont | [S1-253220r2](file:///C:\Users\Public\Documents\SA1%23111_Gothenburg\docs\S1-253220r2.zip) | Apple | New Use Case on Personal Data Usage | Revised to S1-253220r3 | Revision of S1-253220r1. |
| Cont | [S1-253220r3](file:///C:\Users\Public\Documents\SA1%23111_Gothenburg\docs\S1-253220r3.zip) | Apple | New Use Case on Personal Data Usage |  | Revision of S1-253220r2. |
| Cont | [S1-253292](file:///C:\TSGS1_111_Goteborg\Docs\S1-253292.zip) | OTD\_US | Pseudo-CR on Additional Requirements for Roaming | Revised to S1-253292r1 | Related to LS S1-253062 |
| Cont | [S1-253292r1](file:///C:\Users\Public\Documents\SA1%23111_Gothenburg\docs\S1-253292r1.zip) | OTD\_US | Pseudo-CR on Additional Requirements for Roaming | Revised to S1-253292r2 | Revision of S1-253292. |
| Cont | [S1-253292r2](file:///C:\Users\Public\Documents\SA1%23111_Gothenburg\docs\S1-253292r2.zip) | OTD\_US | Pseudo-CR on Additional Requirements for Roaming | Revised to S1-253409 | Revision of S1-253292r1. |
| Cont | [S1-253410](file:///C:\TSGS1_111_Goteborg\docs\S1-253410.zip) | OTD\_US | Pseudo-CR on Additional Requirements for Roaming | Approved | The same as S1-253292r2. |
| Cont | [S1-253308](file:///C:\TSGS1_111_Goteborg\Docs\S1-253308.zip) | IIT Bombay | New use case on exposure of installed software programs and packages list for threat monitoring | Revised to S1-253308r1 |  |
| Cont | [S1-253308r1](file:///C:\Users\Public\Documents\SA1%23111_Gothenburg\docs\S1-253308r1.zip) | IIT Bombay | New use case on exposure of installed software programs and packages list for threat monitoring | Revised to S1-253308r2 | Revision of S1-253308. |
| Cont | [S1-253308r2](file:///C:\Users\Public\Documents\SA1%23111_Gothenburg\docs\S1-253308r2.zip) | IIT Bombay | New use case on exposure of installed software programs and packages list for threat monitoring | Noted | Revision of S1-253308r1. |
| Cont | [S1-253311](file:///C:\TSGS1_111_Goteborg\Docs\S1-253311.zip) | CableLabs | New Use Case on User Consent Management | Merged into S1-253220r1 |  |
| Cont | [S1-253313](file:///C:\TSGS1_111_Goteborg\Docs\S1-253313.zip) | DSIT, NCSC, BMWE | pCR on on Near Real-Time Event Logging for Security | Revised to S1-253313r1 |  |
| Cont | [S1-253313r1](file:///C:\Users\Public\Documents\SA1%23111_Gothenburg\docs\S1-253313r1.zip) | DSIT, NCSC, BMWE | pCR on on Near Real-Time Event Logging for Security | Revised to S1-253313r2 | Revision of S1-253313. |
| Cont | [S1-253313r2](file:///C:\Users\Public\Documents\SA1%23111_Gothenburg\docs\S1-253313r2.zip) | DSIT, NCSC, BMWE | pCR on on Near Real-Time Event Logging for Security |  | Revision of S1-253313r1. |
| Cont | [S1-253330](file:///C:\TSGS1_111_Goteborg\Docs\S1-253330.zip) | Reliance Jio | Supporting multiple security mechanisms in 6G | Noted | PRs in wrong format |
| **Resilience (clause 5.6)** | | | | | |
| Cont | [S1-253045](file:///C:\TSGS1_111_Goteborg\Docs\S1-253045.zip) | China Telecom | Update of 5.6.3 Use case on resiliency for 6G | Revised to S1-253045r1 |  |
| Cont | [S1-253045r1](file:///C:\Users\Public\Documents\SA1%23111_Gothenburg\docs\S1-253045r1.zip) | China Telecom | Update of 5.6.3 Use case on resiliency for 6G | Noted | Revision of S1-253045. |
| Cont | [S1-253276](file:///C:\TSGS1_111_Goteborg\Docs\S1-253276.zip) | Nokia | Update Use case 5.6.4 on disaster risk-based network resilience | Revised to S1-253276r1 |  |
| Cont | [S1-253276r1](file:///C:\Users\Public\Documents\SA1%23111_Gothenburg\docs\S1-253276r1.zip) | Nokia | Update Use case 5.6.4 on disaster risk-based network resilience | Revised to S1-253276r2 | Revision of S1-253276. |
| Cont | [S1-253276r2](file:///C:\Users\Public\Documents\SA1%23111_Gothenburg\docs\S1-253276r2.zip) | Nokia | Update Use case 5.6.4 on disaster risk-based network resilience |  | Revision of S1-253276r1. |
| Cont | [S1-253046](file:///C:\TSGS1_111_Goteborg\Docs\S1-253046.zip) | China Telecom | Update of 5.6.5 Prevention of signalling storm | Revised to S1-253046r1 |  |
| Cont | [S1-253046r1](file:///C:\Users\Public\Documents\SA1%23111_Gothenburg\docs\S1-253046r1.zip) | China Telecom | Update of 5.6.5 Prevention of signalling storm | Revised to S1-253403 | Revision of S1-253046. |
| Cont | [S1-253403](file:///C:\TSGS1_111_Goteborg\Docs\S1-253403.zip) | China Telecom | Update of 5.6.5 Prevention of signalling storm | Agreed | Revision of S1-253046r1.  The content is same as 3046r1. |
| **New use cases for clause 5.6** | | | | | |
| Cont | [S1-253018](file:///C:\TSGS1_111_Goteborg\Docs\S1-253018.zip) | THALES, Novamint | New UC - Resiliency with NTN | Noted |  |
| Cont | [S1-253269](file:///C:\TSGS1_111_Goteborg\Docs\S1-253269.zip) | TNO | New Use Case on critical communication infrastructure during a power black-out situations | Revised to S1-253269r1 |  |
| Cont | [S1-253269r1](file:///C:\Users\Public\Documents\SA1%23111_Gothenburg\docs\S1-253269r1.zip) | TNO | New Use Case on critical communication infrastructure during a power black-out situations | Revised to S1-253269r2 | Revision of S1-253269. |
| Cont | [S1-253269r2](file:///C:\Users\Public\Documents\SA1%23111_Gothenburg\docs\S1-253269r2.zip) | TNO | New Use Case on critical communication infrastructure during a power black-out situations |  | Revision of S1-253269r1. |
| Cont | [S1-253280](file:///C:\TSGS1_111_Goteborg\Docs\S1-253280.zip) | China Telecom Corporation Ltd. | Use case on Predictive resilience enhancement for 6G networks | Revised to S1-253280r1 |  |
| Cont | [S1-253280r1](file:///C:\Users\Public\Documents\SA1%23111_Gothenburg\docs\S1-253280r1.zip) | China Telecom Corporation Ltd. | Use case on Predictive resilience enhancement for 6G networks | Revised to S1-253280r2 | Revision of S1-253280. |
| Cont | [S1-253280r2](file:///C:\Users\Public\Documents\SA1%23111_Gothenburg\docs\S1-253280r2.zip) | China Telecom Corporation Ltd. | Use case on Predictive resilience enhancement for 6G networks |  | Revision of S1-253280r1. |
| Cont | [S1-253345](file:///C:\TSGS1_111_Goteborg\Docs\S1-253345.zip) | Philips International B.V. | New use case on energy management for resilient emergency services | Revised to S1-253345r1 |  |
| Cont | [S1-253345r1](file:///C:\Users\Public\Documents\SA1%23111_Gothenburg\docs\S1-253345r1.zip) | Philips International B.V. | New use case on energy management for resilient emergency services | Revised to S1-253345r2 | Revision of S1-253345. |
| Cont | [S1-253345r2](file:///C:\Users\Public\Documents\SA1%23111_Gothenburg\docs\S1-253345r2.zip) | Philips International B.V. | New use case on energy management for resilient emergency services |  | Revision of S1-253345r1. |
| Cont | [S1-253358](file:///C:\TSGS1_111_Goteborg\Docs\S1-253358.zip) | Philips International B.V. | New use case on 6G resiliency when performing signal measurements | Noted |  |
| **Enhancing existing services (clause 5.7)** | | | | | |
| Cont | [S1-253319](file:///C:\TSGS1_111_Goteborg\Docs\S1-253319.zip) | Philips International B.V. | Update use case 5.7.1 on FWA | Noted |  |
| Cont | [S1-253294](file:///C:\TSGS1_111_Goteborg\Docs\S1-253294.zip) | OTD\_US | Additional Requirements for FWA for 6G TR | Revised to S1-253294r1 | PR numbering is wrong. Text is from 5.7.1.2, not 5.5.1.2 |
| Cont | [S1-253294r1](file:///C:\TSGS1_111_Goteborg\docs\S1-253294r1.zip) | OTD\_US | Additional Requirements for FWA for 6G TR | Revised to S1-253294r2 | Revision of S1-253294.  Related to LS S1-253064 |
| Cont | [S1-253294r2](file:///C:\Users\Public\Documents\SA1%23111_Gothenburg\docs\S1-253294r2.zip) | OTD\_US | Additional Requirements for FWA for 6G TR | Revised to S1-253404 | Revision of S1-253294r1. |
| Cont | [S1-253404](file:///C:\TSGS1_111_Goteborg\Docs\S1-253404.zip) | OTD\_US | Additional Requirements for FWA for 6G TR | Agreed | Revision of S1-253294r2.  The content is same as 3294r2. |
| Cont | [S1-253333](file:///C:\TSGS1_111_Goteborg\Docs\S1-253333.zip) | Philips International B.V. | Update use case 5.7.2 on IMS | Revised to S1-253333r1 |  |
| Cont | [S1-253333r1](file:///C:\Users\Public\Documents\SA1%23111_Gothenburg\docs\S1-253333r1.zip) | Philips International B.V. | Update use case 5.7.2 on IMS | Noted | Revision of S1-253333. |
| Cont | [S1-253083](file:///C:\TSGS1_111_Goteborg\Docs\S1-253083.zip) | Samsung | 22.870 pCR Update of Use case on Enhancement of short message service (SMS) | Revised to S1-253083r1 |  |
| Cont | [S1-253083r1](file:///C:\Users\Public\Documents\SA1%23111_Gothenburg\docs\S1-253083r1.zip) | Samsung | 22.870 pCR Update of Use case on Enhancement of short message service (SMS) | Revised to S1-253083r2 | Revision of S1-253083. |
| Cont | [S1-253083r2](file:///C:\Users\Public\Documents\SA1%23111_Gothenburg\docs\S1-253083r2.zip) | Samsung | 22.870 pCR Update of Use case on Enhancement of short message service (SMS) |  | Revision of S1-253083r1. |
| Cont | [S1-253087](file:///C:\TSGS1_111_Goteborg\Docs\S1-253087.zip) | Nokia, AT&T | Update of Network Slicing | Revised to S1-253087r1 |  |
| Cont | [S1-253087r1](file:///C:\TSGS1_111_Goteborg\docs\S1-253087r1.zip) | Nokia, AT&T | Update of Network Slicing | Noted | Revision of S1-253087. |
| Cont | [S1-253117](file:///C:\TSGS1_111_Goteborg\Docs\S1-253117.zip) | China Mobile | Pseudo-CR on update 5.7.5 Network slicing | Merged into S1-253087r1 |  |
| **New use cases for clause 5.7** | | | | | |
| Cont | [S1-253113](file:///C:\TSGS1_111_Goteborg\Docs\S1-253113.zip) | CEWiT | Use Case on positioning services for RAN optimization | Revised to S1-253113r1 |  |
| Cont | [S1-253113r1](file:///C:\Users\Public\Documents\SA1#111_GothenburgdocsS1-253113r1.zip) | CEWiT | Use Case on positioning services for RAN optimization | Noted | Revision of S1-253113. |
| Cont | [S1-253361](file:///C:\TSGS1_111_Goteborg\Docs\S1-253361.zip) | SKY Perfect JSAT Corporation | New use case on Native Support of Secure and Reliable Satellite Operation | Revised to S1-253361r1 |  |
| Cont | [S1-253361r1](file:///C:\Users\Public\Documents\SA1%23111_Gothenburg\docs\S1-253361r1.zip) | SKY Perfect JSAT Corporation | New use case on Native Support of Secure and Reliable Satellite Operation | Noted | Revision of S1-253361. |
| Cont | [S1-253128](file:///C:\TSGS1_111_Goteborg\Docs\S1-253128.zip) | China Mobile | New use case on Intelligent Vehicle Autonomous Driving and Navigation in the 6G network | Moved to 8.1.8 | Can be moved to Vertical/Industry (V2X) |
| Cont | [S1-253084](file:///C:\TSGS1_111_Goteborg\Docs\S1-253084.zip) | Samsung, EUTC, Ministère d’économie et des finances, DSIT, NIST, SyncTechno, FirstNet, BMWK | 22.870 pCR New Use Case on UE Radio Status Monitoring for Availability | Revised to S1-253084r1 |  |
| Cont | [S1-253084r1](file:///C:\Users\Public\Documents\SA1%23111_Gothenburg\docs\S1-253084r1.zip) | Samsung, EUTC, Ministère d’économie et des finances, DSIT, NIST, SyncTechno, FirstNet, BMWK | 22.870 pCR New Use Case on UE Radio Status Monitoring for Availability | Revised to S1-253084r2 | Revision of S1-253084. |
| Cont | [S1-253084r2](file:///C:\Users\Public\Documents\SA1%23111_Gothenburg\docs\S1-253084r2.zip) | Samsung, EUTC, Ministère d’économie et des finances, DSIT, NIST, SyncTechno, FirstNet, BMWK | 22.870 pCR New Use Case on UE Radio Status Monitoring for Availability |  | Revision of S1-253084r1. |
| Cont | [S1-253178](file:///C:\TSGS1_111_Goteborg\Docs\S1-253178.zip) | CEWiT | Use case on enhancement of RAN exposure service | Revised to S1-253178r1 |  |
| Cont | [S1-253178r1](file:///C:\Users\Public\Documents\SA1%23111_Gothenburg\docs\S1-253178r1.zip) | CEWiT | Use case on enhancement of RAN exposure service | Noted | Revision of S1-253178. |
| Cont | [S1-253183](file:///C:\TSGS1_111_Goteborg\Docs\S1-253183.zip) | China Unicom | Network sharing on radio access network with sensing capability | Moved to 8.1.4 |  |
| Cont | [S1-253202](file:///C:\TSGS1_111_Goteborg\Docs\S1-253202.zip) | China Unicom | New Use case on resolving IMS media related service conflicts | Revised to S1-253202r1 |  |
| Cont | [S1-253202r1](file:///C:\Users\Public\Documents\SA1%23111_Gothenburg\docs\S1-253202r1.zip) | China Unicom | New Use case on resolving IMS media related service conflicts | Revised to S1-253202r2 | Revision of S1-253202. |
| Cont | [S1-253202r2](file:///C:\Users\Public\Documents\SA1%23111_Gothenburg\docs\S1-253202r2.zip) | China Unicom | New Use case on resolving IMS media related service conflicts |  | Revision of S1-253202r1. |
| Cont | [S1-253227](file:///C:\TSGS1_111_Goteborg\Docs\S1-253227.zip) | Huawei | New Use Case on enhancement of voice service | Revised to S1-253227r1 |  |
| Cont | [S1-253227r1](file:///C:\Users\Public\Documents\SA1%23111_Gothenburg\docs\S1-253227r1.zip) | Huawei | New Use Case on enhancement of voice service | Revised to S1-253227r2 | Revision of S1-253227. |
| Cont | [S1-253227r2](file:///C:\Users\Public\Documents\SA1%23111_Gothenburg\docs\S1-253227r2.zip) | Huawei | New Use Case on enhancement of voice service |  | Revision of S1-253227r1. |
| Cont | [S1-253260](file:///C:\TSGS1_111_Goteborg\Docs\S1-253260.zip) | Lenovo | ATSSS Enhancements | Revised to S1-253260r1 |  |
| Cont | [S1-253260r1](file:///C:\Users\Public\Documents\SA1%23111_Gothenburg\docs\S1-253260r1.zip) | Lenovo | ATSSS Enhancements | Revised to S1-253260r2 | Revision of S1-253260. |
| Cont | [S1-253260r2](file:///C:\Users\Public\Documents\SA1%23111_Gothenburg\docs\S1-253260r2.zip) | Lenovo | ATSSS Enhancements | Revised to S1-253260r3 | Revision of S1-253260r1. |
| Cont | [S1-253260r3](file:///C:\TSGS1_111_Goteborg\docs\S1-253260r3.zip) | Lenovo | ATSSS Enhancements |  | Revision of S1-253260r2. |
| **Sustainability/ Energy efficiency (clause 5.8)** | | | | | |
| Cont | [S1-253300](file:///C:\TSGS1_111_Goteborg\Docs\S1-253300.zip) | Nokia | Update Use case 5.8.1 on end-to-end energy efficiency improvement for the network and UE | Revised to S1-253300r1 |  |
| Cont | [S1-253300r1](file:///C:\Users\Public\Documents\SA1%23111_Gothenburg\docs\S1-253300r1.zip) | Nokia | Update Use case 5.8.1 on end-to-end energy efficiency improvement for the network and UE | Noted | Revision of S1-253300. |
| Cont | [S1-253016](file:///C:\TSGS1_111_Goteborg\Docs\S1-253016.zip) | THALES, Novamint | UC 5.8.2 Use case on energy efficiency of 6G system with multiple access networks (TN and NTN) - UPDATES | Revised to S1-253016r1 |  |
| Cont | [S1-253016r1](file:///C:\Users\Public\Documents\SA1%23111_Gothenburg\docs\S1-253016r1.zip) | THALES, Novamint | UC 5.8.2 Use case on energy efficiency of 6G system with multiple access networks (TN and NTN) - UPDATES | Noted | Revision of S1-253016. |
| Cont | [S1-253143](file:///C:\TSGS1_111_Goteborg\Docs\S1-253143.zip) | ZTE Corporation,China Mobile, China Telecom | pCR on update of clause 5.8.6 | Noted |  |
| **New use cases for clause 5.8** | | | | | |
| Cont | [S1-253015](file:///C:\TSGS1_111_Goteborg\Docs\S1-253015.zip) | THALES, Novamint | Energy efficient 6G coverage | Noted |  |
| Cont | [S1-253103](file:///C:\TSGS1_111_Goteborg\Docs\S1-253103.zip) | ZTE, China Telecom | Use case on energy saving of AI-native system | Revised to S1-253103r1 |  |
| Cont | [S1-253103r1](file:///C:\Users\Public\Documents\SA1%23111_Gothenburg\docs\S1-253103r1.zip) | ZTE, China Telecom | Use case on energy saving of AI-native system |  | Revision of S1-253103. |
| Cont | [S1-253151](file:///C:\TSGS1_111_Goteborg\Docs\S1-253151.zip) | Orange | New use case on network decarbonation | Revised to S1-253151r1 |  |
| Cont | [S1-253151r1](file:///C:\TSGS1_111_Goteborg\docs\S1-253151r1.zip) | Orange | New use case on network decarbonation | Revised to S1-253151r2 | Revision of S1-253151. |
| Cont | [S1-253151r2](file:///C:\Users\Public\Documents\SA1%23111_Gothenburg\docs\S1-253151r2.zip) | Orange | New use case on network decarbonation | Noted | Revision of S1-253151r1. |
| Cont | [S1-253152](file:///C:\TSGS1_111_Goteborg\Docs\S1-253152.zip) | Orange | New use case on CO2-optimized cell selection | Revised to S1-253151r1 |  |
| Cont | [S1-253151r1](file:///C:\TSGS1_111_Goteborg\docs\S1-253151r1.zip) | Orange | New use case on CO2-optimized cell selection | Noted | Revision of S1-253152. |
| Cont | [S1-253254](file:///C:\TSGS1_111_Goteborg\Docs\S1-253254.zip) | Nokia | New Use case on Energy-aware Network API fulfilment considering UE involvement preference | Noted |  |
| Cont | [S1-253255](file:///C:\TSGS1_111_Goteborg\Docs\S1-253255.zip) | CEWiT | Use Case on Energy Efficiency beyond User Plane | Revised to S1-253255r1 |  |
| Cont | [S1-253255r1](file:///C:\Users\Public\Documents\SA1%23111_Gothenburg\docs\S1-253255r1.zip) | CEWiT | Use Case on Energy Efficiency beyond User Plane | Noted | Revision of S1-253255. |
| Cont | [S1-253344](file:///C:\TSGS1_111_Goteborg\Docs\S1-253344.zip) | Philips International B.V. | New use case on end-to-end energy saving by cooperating UEs | Revised to S1-253344r1 |  |
| Cont | [S1-253344r1](file:///C:\Users\Public\Documents\SA1%23111_Gothenburg\docs\S1-253344r1.zip) | Philips International B.V. | New use case on end-to-end energy saving by cooperating UEs | Revised to S1-253344r2 | Revision of S1-253344. |
| Cont | [S1-253344r2](file:///C:\Users\Public\Documents\SA1%23111_Gothenburg\docs\S1-253344r2.zip) | Philips International B.V. | New use case on end-to-end energy saving by cooperating UEs |  | Revision of S1-253344r1. |
| **Network aspects (clause 5.9)** | | | | | |
| Cont | [S1-253118](file:///C:\TSGS1_111_Goteborg\Docs\S1-253118.zip) | China Mobile | Pseudo-CR on update 5.9.2 Data service | Merged into S1-253231r2 |  |
| Cont | [S1-253189](file:///C:\TSGS1_111_Goteborg\Docs\S1-253189.zip) | CATT | Update 5.9.2 UC on Efficient data collection and consumption for 6G system | Merged into S1-253231r2 |  |
| Cont | [S1-253206](file:///C:\TSGS1_111_Goteborg\Docs\S1-253206.zip) | Nokia | Update data collection use case 5.9 | Revised to S1-253206r1 |  |
| Cont | [S1-253206r1](file:///C:\TSGS1_111_Goteborg\docs\S1-253206r1.zip) | Nokia | Update data collection use case 5.9 | Merged into S1-253231r2 | Revision of S1-253206. |
| Cont | [S1-253231](file:///C:\TSGS1_111_Goteborg\Docs\S1-253231.zip) | Huawei | Update of clause 5.9.2 use case on efficient data collection and control for 6G system | Revised to S1-253231r1 |  |
| Cont | [S1-253231r1](file:///C:\TSGS1_111_Goteborg\docs\S1-253231r1.zip) | Huawei | Update of clause 5.9.2 use case on efficient data collection and control for 6G system | Revised to S1-253231r2 | Revision of S1-253231. |
| Cont | [S1-253231r2](file:///C:\Users\Public\Documents\SA1%23111_Gothenburg\docs\S1-253231r2.zip) | Huawei | Update of clause 5.9.2 use case on efficient data collection and control for 6G system | Revised to S1-253231r3 | Revision of S1-253231r1. |
| Cont | [S1-253231r3](file:///C:\Users\Public\Documents\SA1%23111_Gothenburg\docs\S1-253231r3.zip) | Huawei | Update of clause 5.9.2 use case on efficient data collection and control for 6G system |  | Revision of S1-253231r2. |
| Cont | [S1-253246](file:///C:\TSGS1_111_Goteborg\Docs\S1-253246.zip) | ZTE Corporation, China Unicom | Pseudo-CR on adding new PR in clause 5.9.2 | Merged into S1-253231r2 |  |
| Cont | [S1-253119](file:///C:\TSGS1_111_Goteborg\Docs\S1-253119.zip) | China Mobile | Pseudo-CR on update 5.9.3 Use case on network digital twin in the 6G network | Revised to S1-253119r1 |  |
| Cont | [S1-253119r1](file:///C:\Users\Public\Documents\SA1%23111_Gothenburg\docs\S1-253119r1.zip) | China Mobile | Pseudo-CR on update 5.9.3 Use case on network digital twin in the 6G network | Revised to S1-253119r2 | Revision of S1-253119. |
| Cont | [S1-253119r2](file:///C:\Users\Public\Documents\SA1%23111_Gothenburg\docs\S1-253119r2.zip) | China Mobile | Pseudo-CR on update 5.9.3 Use case on network digital twin in the 6G network |  | Revision of S1-253119r1. |
| Cont | [S1-253239](file:///C:\TSGS1_111_Goteborg\Docs\S1-253239.zip) | Huawei | Pseudo-CR on Update to clause 5.9.5 “Network simplification for rolling out new services” | Revised to S1-253239r1 |  |
| Cont | [S1-253239r1](file:///C:\Users\Public\Documents\SA1%23111_Gothenburg\docs\S1-253239r1.zip) | Huawei | Pseudo-CR on Update to clause 5.9.5 “Network simplification for rolling out new services” | Revised to S1-253406 | Revision of S1-253239. |
| Cont | [S1-253406](file:///C:\TSGS1_111_Goteborg\docs\S1-253406.zip) | Huawei | Pseudo-CR on Update to clause 5.9.5 “Network simplification for rolling out new services” | Approved | Revision of S1-253239r1.  The same as 3239r1 |
| Cont | [S1-253188](file:///C:\TSGS1_111_Goteborg\Docs\S1-253188.zip) | CATT | Update 5.9.6 UC on 6G Local Area Networks | Revised to S1-253188r1 |  |
| Cont | [S1-253188r1](file:///C:\Users\Public\Documents\SA1%23111_Gothenburg\docs\S1-253188r1.zip) | CATT | Update 5.9.6 UC on 6G Local Area Networks | Revised to S1-253188r2 | Revision of S1-253188. |
| Cont | [S1-253188r2](file:///C:\Users\Public\Documents\SA1%23111_Gothenburg\docs\S1-253188r2.zip) | CATT | Update 5.9.6 UC on 6G Local Area Networks | Revised to S1-253407 | Revision of S1-253188r1. |
| Cont | [S1-253407](file:///C:\TSGS1_111_Goteborg\docs\S1-253407.zip) | CATT | Update 5.9.6 UC on 6G Local Area Networks | Approved | Revision of S1-253188r2.  The same as S1-253188r2 |
| Cont | [S1-253241](file:///C:\TSGS1_111_Goteborg\Docs\S1-253241.zip) | Huawei, CATT | Pseudo-CR on Update to clause 5.9.6 “Use case on 6G Local Area Networks” | Merged to S1-253188r1 |  |
| **New use cases for clause 5.9** | | | | | |
| Cont | [S1-253097](file:///C:\TSGS1_111_Goteborg\Docs\S1-253097.zip) | Qualcomm Incorporated | Network coverage and usage verification | Revised to S1-253097r1 |  |
| Cont | [S1-253097r1](file:///C:\Users\Public\Documents\SA1%23111_Gothenburg\docs\S1-253097r1.zip) | Qualcomm Incorporated | Network coverage and usage verification | Revised to S1-253097r2 | Revision of S1-253097. |
| Cont | [S1-253097r2](file:///C:\Users\Public\Documents\SA1%23111_Gothenburg\docs\S1-253097r2.zip) | Qualcomm Incorporated | Network coverage and usage verification | Revised to S1-253097r3 | Revision of S1-253097r1. |
| Cont | [S1-253097r3](file:///C:\TSGS1_111_Goteborg\docs\S1-253097r3.zip) | Qualcomm Incorporated | Network coverage and usage verification |  | Revision of S1-253097r2. |
| Cont | [S1-253127](file:///C:\TSGS1_111_Goteborg\Docs\S1-253127.zip) | China Mobile | New use case on flexible traffic routing in 6G | Revised to S1-253127r1 |  |
| Cont | [S1-253127r1](file:///C:\Users\Public\Documents\SA1%23111_Gothenburg\docs\S1-253127r1.zip) | China Mobile | New use case on flexible traffic routing in 6G | Revised to S1-253127r2 | Revision of S1-253127. |
| Cont | [S1-253127r2](file:///C:\TSGS1_111_Goteborg\docs\S1-253127r2.zip) | China Mobile | New use case on flexible traffic routing in 6G |  | Revision of S1-253127r1. |
| Cont | [S1-253158](file:///C:\TSGS1_111_Goteborg\Docs\S1-253158.zip) | T-Mobile USA Inc. | Enhanced Network Service Awareness in 6G | Revised to S1-253158r1 |  |
| Cont | [S1-253158r1](file:///C:\Users\Public\Documents\SA1%23111_Gothenburg\docs\S1-253158r1.zip) | T-Mobile USA Inc. | Enhanced Network Service Awareness in 6G | Revised to S1-253158r2 | Revision of S1-253158. |
| Cont | [S1-253158r2](file:///C:\TSGS1_111_Goteborg\docs\S1-253158r2.zip) | T-Mobile USA Inc. | Enhanced Network Service Awareness in 6G |  | Revision of S1-253158r1. |
| Cont | [S1-253163](file:///C:\TSGS1_111_Goteborg\Docs\S1-253163.zip) | Verizon Netherlands | New use case of an Autonomous Network Management | Revised to S1-253163r1 |  |
| Cont | [S1-253163r1](file:///C:\Users\Public\Documents\SA1%23111_Gothenburg\docs\S1-253163r1.zip) | Verizon Netherlands | New use case of an Autonomous Network Management | Revised to S1-253163r2 | Revision of S1-253163. |
| Cont | [S1-253163r2](file:///C:\Users\Public\Documents\SA1%23111_Gothenburg\docs\S1-253163r2.zip) | Verizon Netherlands | New use case of an Autonomous Network Management | Revised to S1-253163r3 | Revision of S1-253163r1. |
| Cont | [S1-253163r3](file:///C:\Users\Public\Documents\SA1%23111_Gothenburg\docs\S1-253163r3.zip) | Verizon Netherlands | New use case of an Autonomous Network Management | Revised to S1-253163r4 | Revision of S1-253163r2. |
| Cont | [S1-253163r4](file:///C:\TSGS1_111_Goteborg\docs\S1-253163r4.zip) | Verizon Netherlands | New use case of an Autonomous Network Management | Revised to S1-253163r5 | Revision of S1-253163r3. |
| Cont | [S1-253163r5](file:///C:\TSGS1_111_Goteborg\docs\S1-253163r5.zip) | Verizon Netherlands | New use case of an Autonomous Network Management |  | Revision of S1-253163r4. |
| Cont | [S1-253230](file:///C:\TSGS1_111_Goteborg\Docs\S1-253230.zip) | Huawei | Use case on Intelligent Data Service | Revised to S1-253230r1 |  |
| Cont | [S1-253230r1](file:///C:\Users\Public\Documents\SA1%23111_Gothenburg\docs\S1-253230r1.zip) | Huawei | Use case on Intelligent Data Service | Revised to S1-253230r2 | Revision of S1-253230. |
| Cont | [S1-253230r2](file:///C:\TSGS1_111_Goteborg\docs\S1-253230r2.zip) | Huawei | Use case on Intelligent Data Service |  | Revision of S1-253230r1. |
| Cont | [S1-253253](file:///C:\TSGS1_111_Goteborg\Docs\S1-253253.zip) | NTT DOCOMO | Pseudo-CR on Data Provision Services | Merged into S1-253231r2 |  |
| Cont | [S1-253359](file:///C:\TSGS1_111_Goteborg\Docs\S1-253359.zip) | Qualcomm France | Use case on joint QoS handling for 6G Service | Moved to 8.1.9 | Proposed text is about clause 9 but submitted for clause 5 |
| **Device support (clause 5.10)** | | | | | |
| Cont | [S1-253020](file:///C:\TSGS1_111_Goteborg\Docs\S1-253020.zip) | THALES, Novamint | UC - Diversity of UEs for satellite access -UPDATES | Revised to S1-253020r1 |  |
| Cont | [S1-253020r1](file:///C:\TSGS1_111_Goteborg\docs\S1-253020r1.zip) | THALES, Novamint | UC - Diversity of UEs for satellite access -UPDATES | Revised to S1-253020r2 | Revision of S1-253020. |
| Cont | [S1-253020r2](file:///C:\Users\Public\Documents\SA1%23111_Gothenburg\docs\S1-253020r2.zip) | THALES, Novamint | UC - Diversity of UEs for satellite access -UPDATES | Revised to S1-253408 | Revision of S1-253020r1. |
| Cont | [S1-253408](file:///C:\TSGS1_111_Goteborg\docs\S1-253408.zip) | THALES, Novamint | UC - Diversity of UEs for satellite access -UPDATES | Approved | Revision of S1-253020r2.  The change is |
| Cont | [S1-253185](file:///C:\TSGS1_111_Goteborg\Docs\S1-253185.zip) | Nokia, Apple, Ericsson | solve EN on diverse UE types | Revised to S1-253185r1 |  |
| Cont | [S1-253185r1](file:///C:\Users\Public\Documents\SA1%23111_Gothenburg\docs\S1-253185r1.zip) | Nokia, Apple, Ericsson | solve EN on diverse UE types | Revised to S1-253185r2 | Revision of S1-253185. |
| Cont | [S1-253185r2](file:///C:\TSGS1_111_Goteborg\docs\S1-253185r2.zip) | Nokia, Apple, Ericsson | solve EN on diverse UE types |  | Revision of S1-253185r1. |
| Cont | [S1-253222](file:///C:\TSGS1_111_Goteborg\Docs\S1-253222.zip) | Apple | Diverse device types Editor’s Note | Noted |  |
| **New use cases for clause 5.10** | | | | | |
| Cont | [S1-253096](file:///C:\TSGS1_111_Goteborg\Docs\S1-253096.zip) | Qualcomm Incorporated | Enhanced Access Control | Merged into S1-253203r1 |  |
| Cont | [S1-253203](file:///C:\TSGS1_111_Goteborg\Docs\S1-253203.zip) | NTT DOCOMO INC. | New use case on Unified Access Control (UAC) | Revised to S1-253203r1 |  |
| Cont | [S1-253203r1](file:///C:\Users\Public\Documents\SA1%23111_Gothenburg\docs\S1-253203r1.zip) | NTT DOCOMO INC. | New use case on Unified Access Control (UAC) | Revised to S1-253409 | Revision of S1-253203. |
| Cont | [S1-253409](file:///C:\TSGS1_111_Goteborg\docs\S1-253409.zip) | NTT DOCOMO INC. | New use case on Unified Access Control (UAC) | Approved | Revision of S1-253203r1. |
| Cont | [S1-253177](file:///C:\TSGS1_111_Goteborg\Docs\S1-253177.zip) | vivo | Resolving EN for 6G system Data | Moved to 8.1.1 |  |
| Cont | [S1-253298](file:///C:\TSGS1_111_Goteborg\Docs\S1-253298.zip) | DSIT | pCR on Near Real-Time Event Logging for Security | Withdrawn |  |
| Artificial Intelligence | | | | | |
| **Former use cases update** | | | | | |
| Cont | [S1-253023](file:///C:\TSGS1_111_Goteborg\Docs\S1-253023.zip) | Verizon, AT&T, Boost Mobile Network, Ericsson, KDDI, SK Telecom, T-Mobile USA, Vodafone | Update usecase 6.37 <Adding emergency call support> | Revised to S1-253023r1 |  |
| Cont | [S1-253023r1](file:///C:\TSGS1_111_Goteborg\docs\S1-253023r1.zip) | Verizon, AT&T, Boost Mobile Network, Ericsson, KDDI, SK Telecom, T-Mobile USA, Vodafone | Update usecase 6.37 <Adding emergency call support> | Revised to S1-253574 | Revision of S1-253023. |
| Cont | [S1-253574](file:///C:\TSGS1_111_Goteborg\docs\S1-253574.zip) | Verizon, AT&T, Boost Mobile Network, Ericsson, KDDI, SK Telecom, T-Mobile USA, Vodafone | Update usecase 6.37 <Adding emergency call support> | Approved | The same as S1-253023r1.  The only change is: [PR 6.37.6-2] Based on operator policy user consent and regulatory requirements, the 6G system may be able to enhance the IMS emergency communication service with AI capability, to enhance the audio and video stream for disability support.  Adding supporting companies: Samsung, Huawei, China Unicom |
| Cont | [S1-253322](file:///C:\TSGS1_111_Goteborg\Docs\S1-253322.zip) | Ericsson | PCR for solving editors notes in 6.37 AI for disability | Noted | Rapp comment: Proposed to be merged into 3023 |
| Cont | [S1-253322r1](file:///C:\TSGS1_111_Goteborg\docs\S1-253322r1.zip) | Ericsson | PCR for solving editors notes in 6.37 AI for disability | Withdrawn | Revision of S1-253322. |
| Cont | [S1-253099](file:///C:\TSGS1_111_Goteborg\Docs\S1-253099.zip) | ZTE | Pseudo-CR on update of use case 6.19 on smart housekeeping | Revised to S1-253099r1 |  |
| Cont | [S1-253099r1](file:///C:\TSGS1_111_Goteborg\docs\S1-253099r1.zip) | ZTE | Pseudo-CR on update of use case 6.19 on smart housekeeping | Revised to S1-253554 | Revision of S1-253099. |
| Cont | [S1-253554](file:///C:\TSGS1_111_Goteborg\Docs\S1-253554.zip) | ZTE | Pseudo-CR on update of use case 6.19 on smart housekeeping | Approved | The same as S1-253099r1. |
| Cont | [S1-253100](file:///C:\TSGS1_111_Goteborg\Docs\S1-253100.zip) | ZTE, China Mobile, China Telecom, NVIDIA | Pseudo-CR on update of use case 6.24 on on AIML model training and inference | Revised to S1-253100r1 |  |
| Cont | [S1-253100r1](file:///C:\TSGS1_111_Goteborg\docs\S1-253100r1.zip) | ZTE, China Mobile, China Telecom, NVIDIA | Pseudo-CR on update of use case 6.24 on on AIML model training and inference | Revised to S1-253100r2 | Revision of S1-253100. |
| Cont | [S1-253100r2](file:///C:\TSGS1_111_Goteborg\docs\S1-253100r2.zip) | ZTE, China Mobile, China Telecom, NVIDIA | Pseudo-CR on update of use case 6.24 on on AIML model training and inference | Revised to S1-253575 | Revision of S1-253100r1. |
| Cont | [S1-253575](file:///C:\TSGS1_111_Goteborg\docs\S1-253575.zip) | ZTE, China Mobile, China Telecom, NVIDIA | Pseudo-CR on update of use case 6.24 on on AIML model training and inference | Approved | The same as S1-253100r2. |
| Cont | [S1-253125](file:///C:\TSGS1_111_Goteborg\Docs\S1-253125.zip) | China Mobile | Pseudo-CR on update 6.23 | Revised to S1-253125r1 | Rapp comment: Proposed to be merged into 3100 |
| Cont | [S1-253125r1](file:///C:\TSGS1_111_Goteborg\docs\S1-253125r1.zip) | China Mobile | Pseudo-CR on update 6.23 | Revised to S1-253125r2 | Revision of S1-253125. |
| Cont | [S1-253125r2](file:///C:\TSGS1_111_Goteborg\docs\S1-253125r2.zip) | China Mobile | Pseudo-CR on update 6.23 | Revised to S1-253576 | Revision of S1-253125r1. |
| Cont | [S1-253576](file:///C:\TSGS1_111_Goteborg\docs\S1-253576.zip) | China Mobile | Pseudo-CR on update 6.23 | Approved | The same as S1-253125r2. |
| Cont | [S1-253120](file:///C:\TSGS1_111_Goteborg\Docs\S1-253120.zip) | China Mobile | Pseudo-CR on update 6.6 Use case on AI-agents communication | Revised to S1-253120r1 |  |
| Cont | [S1-253120r1](file:///C:\TSGS1_111_Goteborg\docs\S1-253120r1.zip) | China Mobile | Pseudo-CR on update 6.6 Use case on AI-agents communication | Revised to S1-253120r2 | Revision of S1-253120. |
| Cont | [S1-253120r2](file:///C:\TSGS1_111_Goteborg\docs\S1-253120r2.zip) | China Mobile | Pseudo-CR on update 6.6 Use case on AI-agents communication | Revised to S1-253577 | Revision of S1-253120r1. |
| Cont | [S1-253577](file:///C:\TSGS1_111_Goteborg\docs\S1-253577.zip) | China Mobile | Pseudo-CR on update 6.6 Use case on AI-agents communication |  | Revision of S1-253120r2. |
| Cont | [S1-253192](file:///C:\TSGS1_111_Goteborg\Docs\S1-253192.zip) | CATT | Update 6.6 UC on AI-agents communication | Merged into S1-253120r1 | Rapp comment: proposed to be merged into 3120 |
| Cont | [S1-253121](file:///C:\TSGS1_111_Goteborg\Docs\S1-253121.zip) | China Mobile | Pseudo-CR on update 6.10 Use case on built-in Intelligent Communication Assistant | Revised to S1-253121r1 |  |
| Cont | [S1-253121r1](file:///C:\TSGS1_111_Goteborg\docs\S1-253121r1.zip) | China Mobile | Pseudo-CR on update 6.10 Use case on built-in Intelligent Communication Assistant | Revised to S1-253121r2 | Revision of S1-253121. |
| Cont | [S1-253121r2](file:///C:\TSGS1_111_Goteborg\docs\S1-253121r2.zip) | China Mobile | Pseudo-CR on update 6.10 Use case on built-in Intelligent Communication Assistant | Revised to S1-253578 | Revision of S1-253121r1. |
| Cont | [S1-253578](file:///C:\TSGS1_111_Goteborg\docs\S1-253578.zip) | China Mobile | Pseudo-CR on update 6.10 Use case on built-in Intelligent Communication Assistant |  | Revision of S1-253121r2. |
| Cont | [S1-253122](file:///C:\TSGS1_111_Goteborg\Docs\S1-253122.zip) | China Mobile | Pseudo-CR on update 6.12 | Approved |  |
| Cont | [S1-253123](file:///C:\TSGS1_111_Goteborg\Docs\S1-253123.zip) | China Mobile | Pseudo-CR on update 6.20 Use case on 6G network providing on-demand networking with AI Agent | Revised to S1-253123r1 |  |
| Cont | [S1-253123r1](file:///C:\TSGS1_111_Goteborg\docs\S1-253123r1.zip) | China Mobile | Pseudo-CR on update 6.20 Use case on 6G network providing on-demand networking with AI Agent | Revised to S1-253123r2 | Revision of S1-253123. |
| Cont | [S1-253123r2](file:///C:\TSGS1_111_Goteborg\docs\S1-253123r2.zip) | China Mobile | Pseudo-CR on update 6.20 Use case on 6G network providing on-demand networking with AI Agent | Revised to S1-253579 | Revision of S1-253123r1. |
| Cont | [S1-253579](file:///C:\TSGS1_111_Goteborg\docs\S1-253579.zip) | China Mobile | Pseudo-CR on update 6.20 Use case on 6G network providing on-demand networking with AI Agent |  | Revision of S1-253123r2. |
| Cont | [S1-253150](file:///C:\TSGS1_111_Goteborg\Docs\S1-253150.zip) | Orange | Pseudo-CR TR 22.870 on 6.20 6G network providing on-demand networking with AI Agent | Revised to S1-253150r1 | Rapp comment: Proposed to be merged into 3123 |
| Cont | [S1-253150r1](file:///C:\TSGS1_111_Goteborg\docs\S1-253150r1.zip) | Orange | Pseudo-CR TR 22.870 on 6.20 6G network providing on-demand networking with AI Agent | Revised to S1-253580 | Revision of S1-253150. |
| Cont | [S1-253580](file:///C:\TSGS1_111_Goteborg\docs\S1-253580.zip) | Orange | Pseudo-CR TR 22.870 on 6.20 6G network providing on-demand networking with AI Agent | Approved | The same as S1-253150r1. |
| Cont | [S1-253296](file:///C:\TSGS1_111_Goteborg\Docs\S1-253296.zip) | OTD\_US | Identification of AI Agents or Intent and Association with a User | Revised to S1-253296r1 | Rapp comment: The 6.20 part is proposed to be merged into 3123.  The part on 6.21 is proposed to be merged into 3124 |
| Cont | [S1-253296r1](file:///C:\TSGS1_111_Goteborg\docs\S1-253296r1.zip) | OTD\_US | Identification of AI Agents or Intent and Association with a User | Revised to S1-253296r2 | Revision of S1-253296. |
| Cont | [S1-253296r2](file:///C:\TSGS1_111_Goteborg\docs\S1-253296r2.zip) | OTD\_US | Identification of AI Agents or Intent and Association with a User |  | Revision of S1-253296r1. |
| Cont | [S1-253124](file:///C:\TSGS1_111_Goteborg\Docs\S1-253124.zip) | China Mobile | Pseudo-CR on update 6.21 Intelligent Calling Services Use Case | Revised to S1-253124r1 |  |
| Cont | [S1-253124r1](file:///C:\TSGS1_111_Goteborg\docs\S1-253124r1.zip) | China Mobile | Pseudo-CR on update 6.21 Intelligent Calling Services Use Case | Revised to S1-253550 | Revision of S1-253124. |
| Cont | [S1-253550](file:///C:\TSGS1_111_Goteborg\Docs\S1-253550.zip) | China Mobile | Pseudo-CR on update 6.21 Intelligent Calling Services Use Case | Approved | Revision of S1-253124r1.  The only change is to reword the 4th requirement to: [PR 6.21.6-4] Subject to operator policy and user’s consent, the 6G network (e.g. in conjunction to IMS) shall support providing the user with information related to the call, e.g. send the conversation record or summary to users after the intelligent calling, by SMS or voice mail. |
| Cont | [S1-253286](file:///C:\TSGS1_111_Goteborg\Docs\S1-253286.zip) | OTD\_US | Pseudo-CR on Minor Clarifications on IMS Intelligent Calling Service | Noted | Rapp comment: update on same use case 6.21 from same contributor company, proposed to be merged into 3124. |
| Cont | [S1-253287](file:///C:\TSGS1_111_Goteborg\Docs\S1-253287.zip) | OTD\_US | Pseudo-CR on Small Technical Changes to IMS Intelligent Calling Service | Revised to S1-253287r1 | Rapp comment: update on same use case 6.21 from same contributor company, proposed to be merged into 3124 |
| Cont | [S1-253287r1](file:///C:\TSGS1_111_Goteborg\docs\S1-253287r1.zip) | OTD\_US | Pseudo-CR on Small Technical Changes to IMS Intelligent Calling Service | Revised to S1-253287r2 | Revision of S1-253287. |
| Cont | [S1-253287r2](file:///C:\TSGS1_111_Goteborg\docs\S1-253287r2.zip) | OTD\_US | Pseudo-CR on Small Technical Changes to IMS Intelligent Calling Service |  | Revision of S1-253287r1. |
| Cont | [S1-253290](file:///C:\TSGS1_111_Goteborg\Docs\S1-253290.zip) | OTD\_US | Pseudo-CR on Notification of IMS Intelligent Calling Service Call Summary | Merged into S1-253287r1 | Rapp comment: update on same use case 6.21 from same contributor company, proposed to be merged into 3124 |
| Cont | [S1-253155](file:///C:\TSGS1_111_Goteborg\Docs\S1-253155.zip) | KPN N.V., Nokia | pCR on Collaborative AI Agents UC update | Revised to S1-253155r1 |  |
| Cont | [S1-253155r1](file:///C:\TSGS1_111_Goteborg\docs\S1-253155r1.zip) | KPN N.V., Nokia | pCR on Collaborative AI Agents UC update | Revised to S1-253155r2 | Revision of S1-253155. |
| Cont | [S1-253155r2](file:///C:\TSGS1_111_Goteborg\docs\S1-253155r2.zip) | KPN N.V., Nokia | pCR on Collaborative AI Agents UC update | Revised to S1-253551 | Revision of S1-253155r1. |
| Cont | [S1-253551](file:///C:\TSGS1_111_Goteborg\Docs\S1-253551.zip) | KPN N.V., Nokia | pCR on Collaborative AI Agents UC update | Revised to S1-253581 | Revision of S1-253155r2.  The only change is to change in PR 2 note 2 to: NOTE 2:  Collaborative task refers to an activity, action, requiring the involvement of two or more AI agents. |
| Cont | [S1-253581](file:///C:\TSGS1_111_Goteborg\docs\S1-253581.zip) | KPN N.V., Nokia | pCR on Collaborative AI Agents UC update | Approved | Revision of S1-253551.  The only change is to remove “and user consent” from PR 6.8.6-3. |
| Cont | [S1-253160](file:///C:\TSGS1_111_Goteborg\Docs\S1-253160.zip) | Qualcomm France | Update to Clause 6.3 | Revised to S1-253160r1 |  |
| Cont | [S1-253160r1](file:///C:\TSGS1_111_Goteborg\docs\S1-253160r1.zip) | Qualcomm France | Update to Clause 6.3 | Revised to S1-253160r2 | Revision of S1-253160. |
| Cont | [S1-253160r2](file:///C:\TSGS1_111_Goteborg\docs\S1-253160r2.zip) | Qualcomm France | Update to Clause 6.3 | Revised to S1-253582 | Revision of S1-253160r1. |
| Cont | [S1-253582](file:///C:\TSGS1_111_Goteborg\docs\S1-253582.zip) | Qualcomm France | Update to Clause 6.3 |  | Revision of S1-253160r2. |
| Cont | [S1-253168](file:///C:\TSGS1_111_Goteborg\Docs\S1-253168.zip) | SoftBank Corp. | pCR to update figure of 6.23 | Revised to S1-253168r1 |  |
| Cont | [S1-253168r1](file:///C:\TSGS1_111_Goteborg\docs\S1-253168r1.zip) | SoftBank Corp. | pCR to update figure of 6.23 | Revised to S1-253168r2 | Revision of S1-253168. |
| Cont | [S1-253168r2](file:///C:\TSGS1_111_Goteborg\docs\S1-253168r2.zip) | SoftBank Corp. | pCR to update figure of 6.23 | Revised to S1-253583 | Revision of S1-253168r1. |
| Cont | [S1-253583](file:///C:\TSGS1_111_Goteborg\docs\S1-253583.zip) | SoftBank Corp. | pCR to update figure of 6.23 | Approved | The same as S1-253168r2. |
| Cont | [S1-253169](file:///C:\TSGS1_111_Goteborg\Docs\S1-253169.zip) | SoftBank Corp. | pCR to add PR3 to 6.23 | Merged into S1-253168r1 | Rapp comment: update on same use case 6.23 from same contributor company, proposed to be merged into 3168. |
| Cont | [S1-253171](file:///C:\TSGS1_111_Goteborg\Docs\S1-253171.zip) | vivo | Update UC#6.38 potential requirements | Merged into S1-253226r1 |  |
| Cont | [S1-253226](file:///C:\TSGS1_111_Goteborg\Docs\S1-253226.zip) | Nokia | Updated use case 6.38 on responsible AI as service criteria | Revised to S1-253226r1 | Rapp comment: proposed to be merged into 3171 |
| Cont | [S1-253226r1](file:///C:\TSGS1_111_Goteborg\docs\S1-253226r1.zip) | Nokia | Updated use case 6.38 on responsible AI as service criteria | Revised to S1-253226r2 | Revision of S1-253226. |
| Cont | [S1-253226r2](file:///C:\TSGS1_111_Goteborg\docs\S1-253226r2.zip) | Nokia | Updated use case 6.38 on responsible AI as service criteria | Revised to S1-253236r2 | Revision of S1-253226r1. |
| Cont | [S1-253226r3](file:///C:\TSGS1_111_Goteborg\docs\S1-253226r3.zip) | Nokia | Updated use case 6.38 on responsible AI as service criteria | Revised to S1-253584 | Revision of S1-253226r2. |
| Cont | [S1-253584](file:///C:\TSGS1_111_Goteborg\docs\S1-253584.zip) | Nokia | Updated use case 6.38 on responsible AI as service criteria |  | Revision of S1-253226r3. |
| Cont | [S1-253172](file:///C:\TSGS1_111_Goteborg\Docs\S1-253172.zip) | vivo | Update user intent into received intent | Revised to S1-253172r1 |  |
| Cont | [S1-253172r1](file:///C:\TSGS1_111_Goteborg\docs\S1-253172r1.zip) | vivo | Update user intent into received intent | Revised to S1-253172r2 | Revision of S1-253172. |
| Cont | [S1-253172r2](file:///C:\TSGS1_111_Goteborg\docs\S1-253172r2.zip) | vivo | Update user intent into received intent | Revised to S1-253585 | Revision of S1-253172r1. |
| Cont | [S1-253585](file:///C:\TSGS1_111_Goteborg\docs\S1-253585.zip) | vivo | Update user intent into received intent |  | Revision of S1-253172r2. |
| Cont | [S1-253240](file:///C:\TSGS1_111_Goteborg\Docs\S1-253240.zip) | Nokia, Rakuten Mobile | Updated use case 6.5 on 6G AI Agent Collaboration with Third-Party AI using LLM | Revised to S1-253240r1 |  |
| Cont | [S1-253240r1](file:///C:\TSGS1_111_Goteborg\docs\S1-253240r1.zip) | Nokia, Rakuten Mobile | Updated use case 6.5 on 6G AI Agent Collaboration with Third-Party AI using LLM | Revised to S1-253240r2 | Revision of S1-253240. |
| Cont | [S1-253240r2](file:///C:\TSGS1_111_Goteborg\docs\S1-253240r2.zip) | Nokia, Rakuten Mobile | Updated use case 6.5 on 6G AI Agent Collaboration with Third-Party AI using LLM |  | Revision of S1-253240r1. |
| Cont | [S1-253258](file:///C:\TSGS1_111_Goteborg\Docs\S1-253258.zip) | TURKCELL, Huawei, Rakuten Mobile | Pseudo-CR on Update 6.5 Use Case on 6G AI Agent Collaboration with Third-Party AI using LLM | Revised to S1-253240r2 | Rapp comment: proposed to be merged into 3240 |
| Cont | [S1-253190](file:///C:\TSGS1_111_Goteborg\Docs\S1-253190.zip) | CATT | Update 6.13 UC on intelligent UAV swarms | Approved |  |
| Cont | [S1-253191](file:///C:\TSGS1_111_Goteborg\Docs\S1-253191.zip) | CATT | Update 6.35 UC on AI/ML model managed service | Revised to S1-253191r1 |  |
| Cont | [S1-253191r1](file:///C:\TSGS1_111_Goteborg\docs\S1-253191r1.zip) | CATT | Update 6.35 UC on AI/ML model managed service | Revised to S1-253191r2 | Revision of S1-253191. |
| Cont | [S1-253191r2](file:///C:\TSGS1_111_Goteborg\docs\S1-253191r2.zip) | CATT | Update 6.35 UC on AI/ML model managed service | Revised to S1-253586 | Revision of S1-253191r1. |
| Cont | [S1-253586](file:///C:\TSGS1_111_Goteborg\docs\S1-253586.zip) | CATT | Update 6.35 UC on AI/ML model managed service | Approved | The same as S1-253191r2. |
| Cont | [S1-253201](file:///C:\TSGS1_111_Goteborg\Docs\S1-253201.zip) | China Mobile | Pseudo-CR on update 6.9 to support distributed inference | Revised to S1-253201r1 |  |
| Cont | [S1-253201r1](file:///C:\TSGS1_111_Goteborg\docs\S1-253201r1.zip) | China Mobile | Pseudo-CR on update 6.9 to support distributed inference | Revised to S1-253201r2 | Revision of S1-253201. |
| Cont | [S1-253201r2](file:///C:\TSGS1_111_Goteborg\docs\S1-253201r2.zip) | China Mobile | Pseudo-CR on update 6.9 to support distributed inference | Revised to S1-253587 | Revision of S1-253201r1. |
| Cont | [S1-253587](file:///C:\TSGS1_111_Goteborg\docs\S1-253587.zip) | China Mobile | Pseudo-CR on update 6.9 to support distributed inference | Approved | The same as S1-253201r2. |
| Cont | [S1-253285](file:///C:\TSGS1_111_Goteborg\Docs\S1-253285.zip) | Huawei, HiSilicon, vivo | Pseudo-CR on update 6.9 home robots AI inference latency | Revised to S1-253285r1 | Rapp comment: proposed to be merged into 3201 |
| Cont | [S1-253285r1](file:///C:\TSGS1_111_Goteborg\docs\S1-253285r1.zip) | Huawei, HiSilicon, vivo | Pseudo-CR on update 6.9 home robots AI inference latency | Revised to S1-253285r2 | Revision of S1-253285. |
| Cont | [S1-253285r2](file:///C:\TSGS1_111_Goteborg\docs\S1-253285r2.zip) | Huawei, HiSilicon, vivo | Pseudo-CR on update 6.9 home robots AI inference latency | Revised to S1-253588 | Revision of S1-253285r1. |
| Cont | [S1-253588](file:///C:\TSGS1_111_Goteborg\docs\S1-253588.zip) | Huawei, HiSilicon, vivo | Pseudo-CR on update 6.9 home robots AI inference latency |  | Revision of S1-253285r2. |
| Cont | [S1-253218](file:///C:\TSGS1_111_Goteborg\Docs\S1-253218.zip) | Xiaomi | Update on child health management assistant | Revised to S1-253218r1 |  |
| Cont | [S1-253218r1](file:///C:\TSGS1_111_Goteborg\Agendas\docs\S1-253218r1.zip) | Xiaomi | Update on child health management assistant | Revised to S1-253218r2 | Revision of S1-253218. |
| Cont | [S1-253218r2](file:///C:\TSGS1_111_Goteborg\docs\S1-253218r2.zip) | Xiaomi | Update on child health management assistant | Revised to S1-253218r3 | Revision of S1-253218r1. |
| Cont | [S1-253218r3](file:///C:\TSGS1_111_Goteborg\docs\S1-253218r3.zip) | Xiaomi | Update on child health management assistant | Revised to S1-253589 | Revision of S1-253218r2. |
| Cont | [S1-253589](file:///C:\TSGS1_111_Goteborg\docs\S1-253589.zip) | Xiaomi | Update on child health management assistant |  | Revision of S1-253218r3. |
| Cont | [S1-253225](file:///C:\TSGS1_111_Goteborg\Docs\S1-253225.zip) | China Telecom, Huawei | Pseudo-CR on update 6.31 Use case on disaster rescue planning enabled by network AI Agents | Revised to S1-253225r1 |  |
| Cont | [S1-253225r1](file:///C:\TSGS1_111_Goteborg\docs\S1-253225r1.zip) | China Telecom, Huawei | Pseudo-CR on update 6.31 Use case on disaster rescue planning enabled by network AI Agents | Revised to S1-253590 | Revision of S1-253225. |
| Cont | [S1-253590](file:///C:\TSGS1_111_Goteborg\docs\S1-253590.zip) | China Telecom, Huawei | Pseudo-CR on update 6.31 Use case on disaster rescue planning enabled by network AI Agents |  | Revision of S1-253225r1. |
| Cont | [S1-253278](file:///C:\TSGS1_111_Goteborg\Docs\S1-253278.zip) | Huawei, HiSilicon | Update clause 6.27 “Use case on network-assisted video-based AI inference task offloading for mobile embodied AI” | Revised to S1-253278r1 |  |
| Cont | [S1-253278r1](file:///C:\TSGS1_111_Goteborg\docs\S1-253278r1.zip) | Huawei, HiSilicon | Update clause 6.27 “Use case on network-assisted video-based AI inference task offloading for mobile embodied AI” | Revised to S1-253552 | Revision of S1-253278. |
| Cont | [S1-253552](file:///C:\TSGS1_111_Goteborg\Docs\S1-253552.zip) | Huawei, HiSilicon | Update clause 6.27 “Use case on network-assisted video-based AI inference task offloading for mobile embodied AI” | Approved | The same as S1-253278r1. |
| Cont | [S1-253288](file:///C:\TSGS1_111_Goteborg\Docs\S1-253288.zip) | Huawei, HiSilicon | Pseudo-CR on update 6.33 6G computing support for AI model inference | Revised to S1-253288r1 |  |
| Cont | [S1-253288r1](file:///C:\TSGS1_111_Goteborg\docs\S1-253288r1.zip) | Huawei, HiSilicon | Pseudo-CR on update 6.33 6G computing support for AI model inference | Revised to S1-253553 | Revision of S1-253288. |
| Cont | [S1-253553](file:///C:\TSGS1_111_Goteborg\Docs\S1-253553.zip) | Huawei, HiSilicon | Pseudo-CR on update 6.33 6G computing support for AI model inference | Approved | The same as S1-253288r1. |
| Cont | [S1-253291](file:///C:\TSGS1_111_Goteborg\Docs\S1-253291.zip) | Huawei, HiSilicon, OPPO | Pseudo-CR on update 6.14 6G system assisted target object detection | Revised to S1-253291r1 |  |
| Cont | [S1-253291r1](file:///C:\TSGS1_111_Goteborg\docs\S1-253291r1.zip) | Huawei, HiSilicon, OPPO | Pseudo-CR on update 6.14 6G system assisted target object detection | Revised to S1-253291r2 | Revision of S1-253291. |
| Cont | [S1-253291r2](file:///C:\TSGS1_111_Goteborg\docs\S1-253291r2.zip) | Huawei, HiSilicon, OPPO | Pseudo-CR on update 6.14 6G system assisted target object detection | Revised to S1-253592 | Revision of S1-253291r1. |
| Cont | [S1-253592](file:///C:\TSGS1_111_Goteborg\docs\S1-253592.zip) | Huawei, HiSilicon, OPPO | Pseudo-CR on update 6.14 6G system assisted target object detection | Approved | The same as S1-253291r2. |
| Cont | [S1-253314](file:///C:\TSGS1_111_Goteborg\Docs\S1-253314.zip) | Huawei, HiSilicon | Pseudo-CR on update 6.25 Use case on optimizing user experience for GenAI applications | Revised to S1-253314r1 |  |
| Cont | [S1-253314r1](file:///C:\TSGS1_111_Goteborg\docs\S1-253314r1.zip) | Huawei, HiSilicon | Pseudo-CR on update 6.25 Use case on optimizing user experience for GenAI applications | Revised to S1-253314r2 | Revision of S1-253314. |
| Cont | [S1-253314r2](file:///C:\TSGS1_111_Goteborg\docs\S1-253314r2.zip) | Huawei, HiSilicon | Pseudo-CR on update 6.25 Use case on optimizing user experience for GenAI applications | Revised to S1-253593 | Revision of S1-253314r1. |
| Cont | [S1-253593](file:///C:\TSGS1_111_Goteborg\docs\S1-253593.zip) | Huawei, HiSilicon | Pseudo-CR on update 6.25 Use case on optimizing user experience for GenAI applications | Approved | The same as S1-253314r2.  With the only change: NOTE: Improved coordination between applicationon the UE and the 6G network is expected, considering GenAI traffic is usually encrypted end-to-end. For example, the application on the UE could inform the 6G network of the type of GenAI traffic (e.g., image-based, video-based, chatbot) and/or characteristics of the traffic (e.g., burst), for the 6G network to consider appropriate mechanisms to provide communication service. |
| Cont | [S1-253350](file:///C:\TSGS1_111_Goteborg\Docs\S1-253350.zip) | Xiaomi Communications | pCR to use case 6.11: 6G system supports AI model training service | Revised to S1-253350r1 |  |
| Cont | [S1-253350r1](file:///C:\TSGS1_111_Goteborg\docs\S1-253350r1.zip) | Xiaomi Communications | pCR to use case 6.11: 6G system supports AI model training service | Revised to S1-253594 | Revision of S1-253350. |
| Cont | [S1-253594](file:///C:\TSGS1_111_Goteborg\docs\S1-253594.zip) | Xiaomi Communications | pCR to use case 6.11: 6G system supports AI model training service | Approved | Same as S1-253350r1.  With the only change of PR 3 to: [PR6.11.6-3] Based on operator’s policy the 6G network shall ensure required privacy protection on the training dataset used in the Service Hosting Environment e.g. whether the dataset is from either the 6G network or a training dataset provided by the 3rd party requesting AI/ML Model training. |
| **AI for net** | | | | | |
| Cont | [S1-253031](file:///C:\TSGS1_111_Goteborg\Docs\S1-253031.zip) | InterDigital | Trustworthiness AI usecases | Revised to S1-253036 |  |
| Cont | [S1-253036](file:///C:\TSGS1_111_Goteborg\Docs\S1-253036.zip) | InterDigital | Trustworthiness AI usecases | Revised to S1-253039 | Revision of S1-253031. |
| Cont | [S1-253039](file:///C:\TSGS1_111_Goteborg\Docs\S1-253039.zip) | InterDigital | Trustworthiness AI usecases | Revised to S1-253039r1 | Revision of S1-253036. |
| Cont | [S1-253039r1](file:///C:\TSGS1_111_Goteborg\docs\S1-253039r1.zip) | InterDigital | Trustworthiness AI usecases | Revised to S1-253039r2 | Revision of S1-253039. |
| Cont | [S1-253039r2](file:///C:\TSGS1_111_Goteborg\docs\S1-253039r2.zip) | InterDigital | Trustworthiness AI usecases |  | Revision of S1-253039r1. |
| Cont | [S1-253042](file:///C:\TSGS1_111_Goteborg\Docs\S1-253042.zip) | China Unicom | New use case on AI-assisted multi-modal communication service | Revised to S1-253042r1 |  |
| Cont | [S1-253042r1](file:///C:\TSGS1_111_Goteborg\docs\S1-253042r1.zip) | China Unicom | New use case on AI-assisted multi-modal communication service | Revised to S1-253595 | Revision of S1-253042. |
| Cont | [S1-253595](file:///C:\TSGS1_111_Goteborg\docs\S1-253595.zip) | China Unicom | New use case on AI-assisted multi-modal communication service | Approved | The same as S1-253042r1.  With the only change to remove PR2 and add to PR1 Note2: For Multi-modal communication service please refer to [14] |
| Cont | [S1-253057](file:///C:\TSGS1_111_Goteborg\Docs\S1-253057.zip) | Nokia, NIST | Native AI integration | Noted | For clause 5? |
| Cont | [S1-253057r1](file:///C:\TSGS1_111_Goteborg\docs\S1-253057r1.zip) | Nokia, NIST | Native AI integration | Withdrawn | Revision of S1-253057. |
| Cont | [S1-253076](file:///C:\TSGS1_111_Goteborg\Docs\S1-253076.zip) | OPPO | Autonomous driving with the assistance of the AI capability in network | Revised to S1-253076r1 |  |
| Cont | [S1-253076r1](file:///C:\TSGS1_111_Goteborg\docs\S1-253076r1.zip) | OPPO | Autonomous driving with the assistance of the AI capability in network | Revised to S1-253596 | Revision of S1-253076. |
| Cont | [S1-253596](file:///C:\TSGS1_111_Goteborg\docs\S1-253596.zip) | OPPO | Autonomous driving with the assistance of the AI capability in network |  | Revision of S1-253076r1. |
| Cont | [S1-253591](file:///C:\TSGS1_111_Goteborg\docs\S1-253591.zip) | Rapporteurs 6G SID | Proposed note for AI capability example | Revised to S1-253597 |  |
| Cont | [S1-253597](file:///C:\TSGS1_111_Goteborg\docs\S1-253597.zip) | Rapporteurs 6G SID | Proposed note for AI capability example |  | Revision of S1-253591. |
| Cont | [S1-253131](file:///C:\TSGS1_111_Goteborg\Docs\S1-253131.zip) | China Mobile | New use case on enhancement of AI-driven Location Services | Revised to S1-253131r1 |  |
| Cont | [S1-253131r1](file:///C:\TSGS1_111_Goteborg\docs\S1-253131r1.zip) | China Mobile | New use case on enhancement of AI-driven Location Services | Revised to S1-253599 | Revision of S1-253131. |
| Cont | [S1-253599](file:///C:\TSGS1_111_Goteborg\docs\S1-253599.zip) | China Mobile | New use case on enhancement of AI-driven Location Services |  | Revision of S1-253131r1. |
| Cont | [S1-253174](file:///C:\TSGS1_111_Goteborg\Docs\S1-253174.zip) | vivo | Use case on Real-Time Video Super-Resolution Service | Revised to S1-253174r1 |  |
| Cont | [S1-253174r1](file:///C:\TSGS1_111_Goteborg\docs\S1-253174r1.zip) | vivo | Use case on Real-Time Video Super-Resolution Service | Revised to S1-253598 | Revision of S1-253174. |
| Cont | [S1-253598](file:///C:\TSGS1_111_Goteborg\docs\S1-253598.zip) | vivo | Use case on Real-Time Video Super-Resolution Service |  | Revision of S1-253174r1. |
| Cont | [S1-253268](file:///C:\TSGS1_111_Goteborg\Docs\S1-253268.zip) | Tejas Network Limited | New use case on AI Explainability for 5G | Revised to S1-253268r1 |  |
| Cont | [S1-253268r1](file:///C:\TSGS1_111_Goteborg\docs\S1-253268r1.zip) | Tejas Network Limited | New use case on AI Explainability for 5G | Noted | Revision of S1-253268. |
| Cont | [S1-253272](file:///C:\TSGS1_111_Goteborg\Docs\S1-253272.zip) | Huawei, HiSilicon | 6G system providing Token Communication service | Revised to S1-253272r1 |  |
| Cont | [S1-253272r1](file:///C:\TSGS1_111_Goteborg\docs\S1-253272r1.zip) | Huawei, HiSilicon | 6G system providing Token Communication service | Revised to S1-253272r2 | Revision of S1-253272. |
| Cont | [S1-253272r2](file:///C:\TSGS1_111_Goteborg\docs\S1-253272r2.zip) | Huawei, HiSilicon | 6G system providing Token Communication service | Revised to S1-253272r3 | Revision of S1-253272r1. |
| Cont | [S1-253272r3](file:///C:\TSGS1_111_Goteborg\docs\S1-253272r3.zip) | Huawei, HiSilicon | 6G system providing Token Communication service | Revised to S1-253600 | Revision of S1-253272r2. |
| Cont | [S1-253600](file:///C:\TSGS1_111_Goteborg\docs\S1-253600.zip) | Huawei, HiSilicon | 6G system providing Token Communication service |  | Revision of S1-253272r3. |
| Cont | [S1-253307](file:///C:\TSGS1_111_Goteborg\Docs\S1-253307.zip) | LG Electronics Inc. | Use case on Supporting dynamic QoS and resource efficiency considering AI service | Revised to S1-253307r1 |  |
| Cont | [S1-253307r1](file:///C:\TSGS1_111_Goteborg\docs\S1-253307r1.zip) | LG Electronics Inc. | Use case on Supporting dynamic QoS and resource efficiency considering AI service | Revised to S1-253307r2 | Revision of S1-253307. |
| Cont | [S1-253307r2](file:///C:\TSGS1_111_Goteborg\docs\S1-253307r2.zip) | LG Electronics Inc. | Use case on Supporting dynamic QoS and resource efficiency considering AI service | Revised to S1-253601 | Revision of S1-253307r1. |
| Cont | [S1-253601](file:///C:\TSGS1_111_Goteborg\docs\S1-253601.zip) | LG Electronics Inc. | Use case on Supporting dynamic QoS and resource efficiency considering AI service |  | Revision of S1-253307r2. |
| **AI for net + AI agent** | | | | | |
| Cont | [S1-253101](file:///C:\TSGS1_111_Goteborg\Docs\S1-253101.zip) | ZTE, China Telecom, Futurewei, China Mobile, Huawei | Use case on AI agent for network performance assurance | Revised to S1-253101r1 |  |
| Cont | [S1-253101r1](file:///C:\TSGS1_111_Goteborg\docs\S1-253101r1.zip) | ZTE, China Telecom, Futurewei, China Mobile, Huawei | Use case on AI agent for network performance assurance | Revised to S1-253602 | Revision of S1-253101. |
| Cont | [S1-253602](file:///C:\TSGS1_111_Goteborg\docs\S1-253602.zip) | ZTE, China Telecom, Futurewei, China Mobile, Huawei | Use case on AI agent for network performance assurance |  | Revision of S1-253101r1. |
| Cont | [S1-253130](file:///C:\TSGS1_111_Goteborg\Docs\S1-253130.zip) | China Mobile | New use case on customized service provisioning based on AI Agents | Revised to S1-253130r1 |  |
| Cont | [S1-253130r1](file:///C:\TSGS1_111_Goteborg\docs\S1-253130r1.zip) | China Mobile | New use case on customized service provisioning based on AI Agents | Revised to S1-253603 | Revision of S1-253130. |
| Cont | [S1-253603](file:///C:\TSGS1_111_Goteborg\docs\S1-253603.zip) | China Mobile | New use case on customized service provisioning based on AI Agents |  | Revision of S1-253130r1. |
| Cont | [S1-253257](file:///C:\TSGS1_111_Goteborg\Docs\S1-253257.zip) | TURKCELL, Huawei | New use case on AI-Optimized Smart Call Assistance for Telecom Networks | Revised to S1-253257r1 |  |
| Cont | [S1-253257r1](file:///C:\TSGS1_111_Goteborg\docs\S1-253257r1.zip) | TURKCELL, Huawei | New use case on AI-Optimized Smart Call Assistance for Telecom Networks | Revised to S1-253604 | Revision of S1-253257. |
| Cont | [S1-253604](file:///C:\TSGS1_111_Goteborg\docs\S1-253604.zip) | TURKCELL, Huawei | New use case on AI-Optimized Smart Call Assistance for Telecom Networks |  | Revision of S1-253257r1. |
| Cont | [S1-253279](file:///C:\TSGS1_111_Goteborg\Docs\S1-253279.zip) | Huawei, HiSilicon, China Mobile, KPN, China Telecom, Turkcell, OPPO, NEC, Turk Telekom | New use case 6G provide companion robot on-demand customized services | Revised to S1-253279r1 |  |
| Cont | [S1-253279r1](file:///C:\TSGS1_111_Goteborg\docs\S1-253279r1.zip) | Huawei, HiSilicon, China Mobile, KPN, China Telecom, Turkcell, OPPO, NEC, Turk Telekom | New use case 6G provide companion robot on-demand customized services | Revised to S1-253279r2 | Revision of S1-253279. |
| Cont | [S1-253279r2](file:///C:\TSGS1_111_Goteborg\docs\S1-253279r2.zip) | Huawei, HiSilicon, China Mobile, KPN, China Telecom, Turkcell, OPPO, NEC, Turk Telekom | New use case 6G provide companion robot on-demand customized services | Revised to S1-253605 | Revision of S1-253279r1. |
| Cont | [S1-253605](file:///C:\TSGS1_111_Goteborg\docs\S1-253605.zip) | Huawei, HiSilicon, China Mobile, KPN, China Telecom, Turkcell, OPPO, NEC, Turk Telekom | New use case 6G provide companion robot on-demand customized services |  | Revision of S1-253279r2.  The “dynamic” to be removed from PR3 and AI agent wording needs to be corrected. |
| Cont | [S1-253293](file:///C:\TSGS1_111_Goteborg\Docs\S1-253293.zip) | Huawei, HiSilicon, China Telecom, TOYOTA, China Mobile, China Unicom, KPN, UIC, Turkcell, NEC, Turk Telekom | New use case on network-based intelligent assistance for autonomous driving | Revised to S1-253293r1 |  |
| Cont | [S1-253293r1](file:///C:\TSGS1_111_Goteborg\docs\S1-253293r1.zip) | Huawei, HiSilicon, China Telecom, TOYOTA, China Mobile, China Unicom, KPN, UIC, Turkcell, NEC, Turk Telekom | New use case on network-based intelligent assistance for autonomous driving | Revised to S1-253293r2 | Revision of S1-253293. |
| Cont | [S1-253293r2](file:///C:\TSGS1_111_Goteborg\docs\S1-253293r2.zip) | Huawei, HiSilicon, China Telecom, TOYOTA, China Mobile, China Unicom, KPN, UIC, Turkcell, NEC, Turk Telekom | New use case on network-based intelligent assistance for autonomous driving | Revised to S1-253293r3 | Revision of S1-253293r1. |
| Cont | [S1-253293r3](file:///C:\TSGS1_111_Goteborg\docs\S1-253293r3.zip) | Huawei, HiSilicon, China Telecom, TOYOTA, China Mobile, China Unicom, KPN, UIC, Turkcell, NEC, Turk Telekom | New use case on network-based intelligent assistance for autonomous driving | Revised to S1-253606 | Revision of S1-253293r2 |
| Cont | [S1-253606](file:///C:\TSGS1_111_Goteborg\docs\S1-253606.zip) | Huawei, HiSilicon, China Telecom, TOYOTA, China Mobile, China Unicom, KPN, UIC, Turkcell, NEC, Turk Telekom | New use case on network-based intelligent assistance for autonomous driving |  | Revision of S1-253293r3. |
| Cont | [S1-253170](file:///C:\TSGS1_111_Goteborg\Docs\S1-253170.zip) | China Unicom | New use case on flexible UE-network coordination through AI agent(s) | Revised to S1-253170r1 |  |
| Cont | [S1-253170r1](file:///C:\TSGS1_111_Goteborg\docs\S1-253170r1.zip) | China Unicom | New use case on flexible UE-network coordination through AI agent(s) | Revised to S1-253607 | Revision of S1-253170. |
| Cont | [S1-253607](file:///C:\TSGS1_111_Goteborg\docs\S1-253607.zip) | China Unicom | New use case on flexible UE-network coordination through AI agent(s) |  | Revision of S1-253170r1. |
|  | [S1-253362](file:///C:\TSGS1_111_Goteborg\Docs\S1-253362.zip) | Turkcell | New use case on Multi-MNO Cooperative Service Continuity in Disaster Scenarios | Noted | Late document |
| **Net for AI + AI agent** | | | | | |
| Cont | [S1-253077](file:///C:\TSGS1_111_Goteborg\Docs\S1-253077.zip) | OPPO | Update of use case 6.7 on 6G system assisted AI agent service | Revised to S1-253077r1 |  |
| Cont | [S1-253077r1](file:///C:\TSGS1_111_Goteborg\docs\S1-253077r1.zip) | OPPO | Update of use case 6.7 on 6G system assisted AI agent service | Revised to S1-253077r2 | Revision of S1-253077. |
| Cont | [S1-253077r2](file:///C:\TSGS1_111_Goteborg\docs\S1-253077r2.zip) | OPPO | Update of use case 6.7 on 6G system assisted AI agent service | Revised to S1-253608 | Revision of S1-253077r1. |
| Cont | [S1-253608](file:///C:\TSGS1_111_Goteborg\docs\S1-253608.zip) | OPPO | Update of use case 6.7 on 6G system assisted AI agent service | Approved | The same as S1-253077r2.  The only change is to remove from PR3 “(UE-UE, UE-NW)” |
| Cont | [S1-253106](file:///C:\TSGS1_111_Goteborg\Docs\S1-253106.zip) | LG Electronics Inc. | Use case on Smart Support for Data Collection and Fusion in Multi-Agent Scenarios | Revised to S1-253106r1 |  |
| Cont | [S1-253106r1](file:///C:\TSGS1_111_Goteborg\docs\S1-253106r1.zip) | LG Electronics Inc. | Use case on Smart Support for Data Collection and Fusion in Multi-Agent Scenarios | Revised to S1-253609 | Revision of S1-253106. |
| Cont | [S1-253609](file:///C:\TSGS1_111_Goteborg\docs\S1-253609.zip) | LG Electronics Inc. | Use case on Smart Support for Data Collection and Fusion in Multi-Agent Scenarios |  | Revision of S1-253106r1. |
| Cont | [S1-253129](file:///C:\TSGS1_111_Goteborg\Docs\S1-253129.zip) | China Mobile | New use case on shared embodied AI agents | Revised to S1-253129r1 |  |
| Cont | [S1-253129r1](file:///C:\TSGS1_111_Goteborg\docs\S1-253129r1.zip) | China Mobile | New use case on shared embodied AI agents | Revised to S1-253610 | Revision of S1-253129. |
| Cont | [S1-253610](file:///C:\TSGS1_111_Goteborg\docs\S1-253610.zip) | China Mobile | New use case on shared embodied AI agents |  | Revision of S1-253129r1. |
| Cont | [S1-253181](file:///C:\TSGS1_111_Goteborg\Docs\S1-253181.zip) | NEC Corporation (ARIB) | AI Applications for 6G System | Revised to S1-253181r1 |  |
| Cont | [S1-253181r1](file:///C:\TSGS1_111_Goteborg\docs\S1-253181r1.zip) | NEC Corporation (ARIB) | AI Applications for 6G System | Revised to S1-253611 | Revision of S1-253181. |
| Cont | [S1-253611](file:///C:\TSGS1_111_Goteborg\docs\S1-253611.zip) | NEC Corporation (ARIB) | AI Applications for 6G System |  | Revision of S1-253181r1. |
| Cont | [S1-253200](file:///C:\TSGS1_111_Goteborg\Docs\S1-253200.zip) | Pengcheng Laboratory, BUPT, ZGC Institute of Ubiquitous-X Innovation and Application | Use Case on Two-Sided AI Agent Communication with Common Knowledge | Revised to S1-253200r1 |  |
| Cont | [S1-253200r1](file:///C:\TSGS1_111_Goteborg\docs\S1-253200r1.zip) | Pengcheng Laboratory, BUPT, ZGC Institute of Ubiquitous-X Innovation and Application | Use Case on Two-Sided AI Agent Communication with Common Knowledge | Noted | Revision of S1-253200. |
| Cont | [S1-253213](file:///C:\TSGS1_111_Goteborg\Docs\S1-253213.zip) | Xiaomi, China Mobile | New use case on AI agent assisted rescue in the water park | Revised to S1-253213r1 |  |
| Cont | [S1-253213r1](file:///C:\TSGS1_111_Goteborg\docs\S1-253213r1.zip) | Xiaomi, China Mobile | New use case on AI agent assisted rescue in the water park | Noted | Revision of S1-253213. |
| Cont | [S1-253214](file:///C:\TSGS1_111_Goteborg\Docs\S1-253214.zip) | Xiaomi | New use case on group management for AI agents | Revised to S1-253214r1 |  |
| Cont | [S1-253214r1](file:///C:\TSGS1_111_Goteborg\docs\S1-253214r1.zip) | Xiaomi | New use case on group management for AI agents | Noted | Revision of S1-253214. |
| Cont | [S1-253215](file:///C:\TSGS1_111_Goteborg\Docs\S1-253215.zip) | Xiaomi | New use case on authentication and authorization for AI agent | Revised to S1-253215r1 |  |
| Cont | [S1-253215r1](file:///C:\TSGS1_111_Goteborg\docs\S1-253215r1.zip) | Xiaomi | New use case on authentication and authorization for AI agent | Noted | Revision of S1-253215. |
| Cont | [S1-253232](file:///C:\TSGS1_111_Goteborg\Docs\S1-253232.zip) | China Telecom | New use case on AI agent management | Revised to S1-253232r1 |  |
| Cont | [S1-253232r1](file:///C:\TSGS1_111_Goteborg\docs\S1-253232r1.zip) | China Telecom | New use case on AI agent management | Revised to S1-253232r2 | Revision of S1-253232. |
| Cont | [S1-253232r2](file:///C:\TSGS1_111_Goteborg\docs\S1-253232r2.zip) | China Telecom | New use case on AI agent management | Revised to S1-253612 | Revision of S1-253232r1. |
| Cont | [S1-253612](file:///C:\TSGS1_111_Goteborg\docs\S1-253612.zip) | China Telecom | New use case on AI agent management |  | Revision of S1-253232r2. |
| Cont | [S1-253261](file:///C:\TSGS1_111_Goteborg\Docs\S1-253261.zip) | Lenovo | New Use Case on Proactive AI Agent for Personal Safety | Revised to S1-253261r1 |  |
| Cont | [S1-253261r1](file:///C:\TSGS1_111_Goteborg\docs\S1-253261r1.zip) | Lenovo | New Use Case on Proactive AI Agent for Personal Safety | Revised to S1-253613 | Revision of S1-253261. |
| Cont | [S1-253613](file:///C:\TSGS1_111_Goteborg\docs\S1-253613.zip) | Lenovo | New Use Case on Proactive AI Agent for Personal Safety | Approved | The same as S1-253261r1.  The only change is to substitute “hosted in the network” with “in the service hosting environment” in all PRs. |
| Cont | [S1-253301](file:///C:\TSGS1_111_Goteborg\Docs\S1-253301.zip) | BUPT | Use case on AI-driven multi-vehicle cooperative perception | Revised to S1-253301r1 |  |
| Cont | [S1-253301r1](file:///C:\TSGS1_111_Goteborg\docs\S1-253301r1.zip) | BUPT | Use case on AI-driven multi-vehicle cooperative perception | Revised to S1-253614 | Revision of S1-253301. |
| Cont | [S1-253614](file:///C:\TSGS1_111_Goteborg\docs\S1-253614.zip) | BUPT | Use case on AI-driven multi-vehicle cooperative perception | Approved | The same as S1-253301r1. |
| Cont | [S1-253304](file:///C:\TSGS1_111_Goteborg\Docs\S1-253304.zip) | BUPT | Use case on 6G AI Agents collaboration for disaster rescue | Revised to S1-253304r1 |  |
| Cont | [S1-253304r1](file:///C:\TSGS1_111_Goteborg\docs\S1-253304r1.zip) | BUPT | Use case on 6G AI Agents collaboration for disaster rescue | Noted | Revision of S1-253304. |
| Cont | [S1-253309](file:///C:\TSGS1_111_Goteborg\Docs\S1-253309.zip) | Pengcheng Laboratory, BUPT, ZGC Institute of Ubiquitous-X Innovation and | Use Case on AI Agent enabled Semantic Communication Service | Revised to S1-253309r1 |  |
| Cont | [S1-253309r1](file:///C:\TSGS1_111_Goteborg\docs\S1-253309r1.zip) | Pengcheng Laboratory, BUPT, ZGC Institute of Ubiquitous-X Innovation and | Use Case on AI Agent enabled Semantic Communication Service | Revised to S1-253615 | Revision of S1-253309. |
| Cont | [S1-253615](file:///C:\TSGS1_111_Goteborg\docs\S1-253615.zip) | Pengcheng Laboratory, BUPT, ZGC Institute of Ubiquitous-X Innovation and | Use Case on AI Agent enabled Semantic Communication Service |  | Revision of S1-253309r1. |
| Cont | [S1-253348](file:///C:\TSGS1_111_Goteborg\Docs\S1-253348.zip) | Philips International B.V. | New use case on AI agent assisted backward compatibility enhancement | Noted |  |
| **Net for AI** | | | | | |
| Cont | [S1-253102](file:///C:\TSGS1_111_Goteborg\Docs\S1-253102.zip) | ZTE, China Telecom, China Unicom | Use case on service robots for power grid | Revised to S1-253102r1 |  |
| Cont | [S1-253102r1](file:///C:\TSGS1_111_Goteborg\docs\S1-253102r1.zip) | ZTE, China Telecom, China Unicom | Use case on service robots for power grid | Revised to S1-253616 | Revision of S1-253102. |
| Cont | [S1-253616](file:///C:\TSGS1_111_Goteborg\docs\S1-253616.zip) | ZTE, China Telecom, China Unicom | Use case on service robots for power grid | Approved | The same as S1-253102r1. |
| Cont | [S1-253105](file:///C:\TSGS1_111_Goteborg\Docs\S1-253105.zip) | LG Electronics Inc. | Use case on supporting environmental awareness data management using collaborative service robots | Revised to S1-253105r1 |  |
| Cont | [S1-253105r1](file:///C:\TSGS1_111_Goteborg\docs\S1-253105r1.zip) | LG Electronics Inc. | Use case on supporting environmental awareness data management using collaborative service robots | Revised to S1-253617 | Revision of S1-253105. |
| Cont | [S1-253617](file:///C:\TSGS1_111_Goteborg\docs\S1-253617.zip) | LG Electronics Inc. | Use case on supporting environmental awareness data management using collaborative service robots |  | Revision of S1-253105r1. |
| Cont | [S1-253167](file:///C:\TSGS1_111_Goteborg\Docs\S1-253167.zip) | China Telecom | Use Case on AI-driven Smart Factory with Computing Service | Revised to S1-253167r1 |  |
| Cont | [S1-253167r1](file:///C:\TSGS1_111_Goteborg\docs\S1-253167r1.zip) | China Telecom | Use Case on AI-driven Smart Factory with Computing Service | Revised to S1-253618 | Revision of S1-253167. |
| Cont | [S1-253618](file:///C:\TSGS1_111_Goteborg\docs\S1-253618.zip) | China Telecom | Use Case on AI-driven Smart Factory with Computing Service |  | Revision of S1-253167r1. |
| Cont | [S1-253216](file:///C:\TSGS1_111_Goteborg\Docs\S1-253216.zip) | Xiaomi | New use case on real-time city map for flood prediction | Revised to S1-253216r1 |  |
| Cont | [S1-253216r1](file:///C:\TSGS1_111_Goteborg\docs\S1-253216r1.zip) | Xiaomi | New use case on real-time city map for flood prediction | Noted | Revision of S1-253216. |
| Cont | [S1-253217](file:///C:\TSGS1_111_Goteborg\Docs\S1-253217.zip) | Xiaomi | New use case on energy consumption limitation for AI services | Revised to S1-253217r1 |  |
| Cont | [S1-253217r1](file:///C:\TSGS1_111_Goteborg\docs\S1-253217r1.zip) | Xiaomi | New use case on energy consumption limitation for AI services | Noted | Revision of S1-253217. |
| Cont | [S1-253262](file:///C:\TSGS1_111_Goteborg\Docs\S1-253262.zip) | TCS | Pseudo-CR on Native API support for dynamic splitting of AI inferencing tasks | Noted | Not handled |
| Cont | [S1-253265](file:///C:\TSGS1_111_Goteborg\Docs\S1-253265.zip) | TCS | Pseudo-CR on semantic communication based framework for bandwidth efficient live Tele-medicine consultation through GenAI-based reconstruction | Noted | Not handled |
| Cont | [S1-253273](file:///C:\TSGS1_111_Goteborg\Docs\S1-253273.zip) | Huawei, HiSilicon | 6G system assisted physical AI training data generation | Revised to S1-253273r1 |  |
| Cont | [S1-253273r1](file:///C:\TSGS1_111_Goteborg\docs\S1-253273r1.zip) | Huawei, HiSilicon | 6G system assisted physical AI training data generation | Noted | Revision of S1-253273. |
| Cont | [S1-253274](file:///C:\TSGS1_111_Goteborg\Docs\S1-253274.zip) | Huawei, HiSilicon | 6G system providing low-latency AI inference service | Revised to S1-253274r1 |  |
| Cont | [S1-253274r1](file:///C:\TSGS1_111_Goteborg\docs\S1-253274r1.zip) | Huawei, HiSilicon | 6G system providing low-latency AI inference service | Revised to S1-253274r2 | Revision of S1-253274. |
| Cont | [S1-253274r2](file:///C:\TSGS1_111_Goteborg\docs\S1-253274r2.zip) | Huawei, HiSilicon | 6G system providing low-latency AI inference service | Revised to S1-253619 | Revision of S1-253274r1. |
| Cont | [S1-253619](file:///C:\TSGS1_111_Goteborg\docs\S1-253619.zip) | Huawei, HiSilicon | 6G system providing low-latency AI inference service |  | Revision of S1-253274r2. |
| Cont | [S1-253275](file:///C:\TSGS1_111_Goteborg\Docs\S1-253275.zip) | Huawei, HiSilicon | 6G system provide secure environment as 6G service enabler | Revised to S1-253275r1 |  |
| Cont | [S1-253275r1](file:///C:\TSGS1_111_Goteborg\docs\S1-253275r1.zip) | Huawei, HiSilicon | 6G system provide secure environment as 6G service enabler | Revised to S1-253275r2 | Revision of S1-253275. |
| Cont | [S1-253275r2](file:///C:\TSGS1_111_Goteborg\docs\S1-253275r2.zip) | Huawei, HiSilicon | 6G system provide secure environment as 6G service enabler | Revised to S1-253620 | Revision of S1-253275r1. |
| Cont | [S1-253620](file:///C:\TSGS1_111_Goteborg\docs\S1-253620.zip) | Huawei, HiSilicon | 6G system provide secure environment as 6G service enabler |  | Revision of S1-253275r2. |
| Cont | [S1-253282](file:///C:\TSGS1_111_Goteborg\Docs\S1-253282.zip) | TCS | Pseudo CR on Adaptive Group Management and Task Offloading in V2X Platooning for 6G system | Revised to S1-253289 |  |
| Cont | [S1-253289](file:///C:\TSGS1_111_Goteborg\Docs\S1-253289.zip) | TCS | Pseudo CR on Adaptive Group Management and Task Offloading in V2X Platooning for 6G system | Noted | Revision of S1-253282.  Not handled |
| Cont | [S1-253297](file:///C:\TSGS1_111_Goteborg\Docs\S1-253297.zip) | Huawei, HiSilicon | 6GS support network-assisted decentralized federated learning among multiple UEs or Servers | Revised to S1-253297r1 |  |
| Cont | [S1-253297r1](file:///C:\TSGS1_111_Goteborg\docs\S1-253297r1.zip) | Huawei, HiSilicon | 6GS support network-assisted decentralized federated learning among multiple UEs or Servers | Revised to S1-253297r2 | Revision of S1-253297. |
| Cont | [S1-253297r2](file:///C:\TSGS1_111_Goteborg\docs\S1-253297r2.zip) | Huawei, HiSilicon | 6GS support network-assisted decentralized federated learning among multiple UEs or Servers | Revised to S1-253621 | Revision of S1-253297r1. |
| Cont | [S1-253621](file:///C:\TSGS1_111_Goteborg\docs\S1-253621.zip) | Huawei, HiSilicon | 6GS support network-assisted decentralized federated learning among multiple UEs or Servers |  | Revision of S1-253297r2. |
| Cont | [S1-253303](file:///C:\TSGS1_111_Goteborg\Docs\S1-253303.zip) | Pengcheng Laboratory, BUPT, ZGC Institute of Ubiquitous-X Innovation and Application, AsiaInfo | Use case on AI-native joint source-channel optimization for high-rate media and sensing | Noted |  |
| Cont | [S1-253312](file:///C:\TSGS1_111_Goteborg\Docs\S1-253312.zip) | Huawei, HiSilicon | 6GS support of distributed AI model inferencing | Revised to S1-253312r1 |  |
| Cont | [S1-253312r1](file:///C:\TSGS1_111_Goteborg\docs\S1-253312r1.zip) | Huawei, HiSilicon | 6GS support of distributed AI model inferencing | Revised to S1-253312r2 | Revision of S1-253312. |
| Cont | [S1-253312r2](file:///C:\TSGS1_111_Goteborg\docs\S1-253312r2.zip) | Huawei, HiSilicon | 6GS support of distributed AI model inferencing | Noted | Revision of S1-253312r1. |
| Cont | [S1-253321](file:///C:\TSGS1_111_Goteborg\Docs\S1-253321.zip) | Pengcheng Laboratory, BUPT, ZGC Institute of Ubiquitous-X Innovation and Application | Use case on knowledge-enhanced disaster rescue | Revised to S1-253321r1 |  |
| Cont | [S1-253321r1](file:///C:\TSGS1_111_Goteborg\docs\S1-253321r1.zip) | Pengcheng Laboratory, BUPT, ZGC Institute of Ubiquitous-X Innovation and Application | Use case on knowledge-enhanced disaster rescue | Noted | Revision of S1-253321. |
| Cont | [S1-253326](file:///C:\TSGS1_111_Goteborg\Docs\S1-253326.zip) | BUPT | Use case on AI-enabled satellite-UAV collaborative emergency service | Revised to S1-253326r1 |  |
| Cont | [S1-253326r1](file:///C:\TSGS1_111_Goteborg\docs\S1-253326r1.zip) | BUPT | Use case on AI-enabled satellite-UAV collaborative emergency service | Noted | Revision of S1-253326. |
| Cont | [S1-253182r1](file:///C:\TSGS1_111_Goteborg\docs\S1-253182r1.zip) | NEC | Use case on intent-based orchestration of services in service hosting environment for 6G | Noted | Revision of S1-253182.  Moved from 8.1.9 |
| Cont | [S1-253137](file:///C:\TSGS1_111_Goteborg\Docs\S1-253137.zip) | China Mobile lnfo.Tech.Co. Ltd | Pseudo-CR on update computing service | Moved to 8.1.1 |  |
| Cont | [S1-253140](file:///C:\TSGS1_111_Goteborg\Docs\S1-253140.zip) | China Mobile | Discussion paper on computing services | Moved to 8.1.1 |  |
| Cont | [S1-253212](file:///C:\TSGS1_111_Goteborg\Docs\S1-253212.zip) | Xiaomi, China Mobile | Discussion on UE AI agent | Moved to 8.1.1 |  |
| Cont | [S1-253335](file:///C:\TSGS1_111_Goteborg\Docs\S1-253335.zip) | Qualcomm France | Update to AI Service Definition | Moved to 8.1.1 |  |
| Cont | [S1-253355](file:///C:\TSGS1_111_Goteborg\Docs\S1-253355.zip) | Xiaomi Communications | pCR for Intent definition | Moved to 8.1.1 |  |
| Integrated Sensing and Communication | | | | | |
| **Updates to existing use cases** | | | | | |
| Cont | [S1-253223](file:///C:\TSGS1_111_Goteborg\Docs\S1-253223.zip) | Apple | pCR on Ambient Sensing | Noted |  |
| Cont | [S1-253054](file:///C:\TSGS1_111_Goteborg\Docs\S1-253054.zip) | FirstNet | Pseudo-CR on Minor update to text in Section 7.1 | Revised to S1-253500 | Rapp comment: To be merged with 3055 & 3205 |
| Cont | [S1-253500](file:///C:\TSGS1_111_Goteborg\Docs\S1-253500.zip) | FirstNet | Pseudo-CR on Minor update to text in Section 7.1 | Approved | Revision of S1-253054. |
| Cont | [S1-253055](file:///C:\TSGS1_111_Goteborg\Docs\S1-253055.zip) | AT&T Labs, Inc | Pseudo-CR on 7.1 update to better reflect the use case | Revised to S1-253503 | Rapp comment: To be merged with 3054 & 3205 |
| Cont | [S1-253503](file:///C:\TSGS1_111_Goteborg\Docs\S1-253503.zip) | AT&T Labs, Inc | Pseudo-CR on 7.1 update to better reflect the use case | Approved | Revision of S1-253055. |
| Cont | [S1-253205](file:///C:\TSGS1_111_Goteborg\Docs\S1-253205.zip) | NTT DOCOMO INC. | Update to use case 7.1 | Revised to S1-253501 | Rapp comment: To be merged with 3054 & 3255 |
| Cont | [S1-253501](file:///C:\TSGS1_111_Goteborg\Docs\S1-253501.zip) | NTT DOCOMO INC. | Update to use case 7.1 | Approved | Revision of S1-253205. |
| Cont | [S1-253353](file:///C:\TSGS1_111_Goteborg\Docs\S1-253353.zip) | Xiaomi Communications | pCR to UC 7.3 High-resolution topographical maps | Revised to S1-253353r1 |  |
| Cont | [S1-253353r1](file:///C:\Users\TE01721\AppData\Roaming\Microsoft\Templates\Docs\S1-253353r1.zip) | Xiaomi Communications | pCR to UC 7.3 High-resolution topographical maps | Revised to S1-253506 | Revision of S1-253353. |
| Cont | [S1-253506](file:///C:\TSGS1_111_Goteborg\docs\S1-253506.zip) | Xiaomi Communications | pCR to UC 7.3 High-resolution topographical maps | Approved | The same as S1-253353r1.  The only change is to leave the square brackets and to remove content below the table **Table 7.3.6-1** |
| Cont | [S1-253184](file:///C:\TSGS1_111_Goteborg\Docs\S1-253184.zip) | Turkcell | Pseudo-CR on Update 7.4 Use case on low-altitude UAV supervision | Revised to S1-253184r1 | Rapp comment: To be merged with 3233 |
| Cont | [S1-253184r1](file:///C:\TSGS1_111_Goteborg\docs\S1-253184r1.zip) | Turkcell | Pseudo-CR on Update 7.4 Use case on low-altitude UAV supervision | Revised to S1-253184r2 | Revision of S1-253184. |
| Cont | [S1-253184r2](file:///C:\Users\TE01721\AppData\Roaming\Microsoft\Templates\Docs\S1-253184r2.zip) | Turkcell | Pseudo-CR on Update 7.4 Use case on low-altitude UAV supervision | Revised to S1-253233 | Revision of S1-253184r1. |
| Cont | [S1-253233](file:///C:\TSGS1_111_Goteborg\Docs\S1-253233.zip) | Huawei | Update of Clause 7.4 use case on low-altitude UAV supervision | Revised to S1-253233r1 | Rapp comment: To be merged with 3184 |
| Cont | [S1-253233r1](file:///C:\Users\TE01721\AppData\Roaming\Microsoft\Templates\Docs\S1-253233r1.zip) | Huawei | Update of Clause 7.4 use case on low-altitude UAV supervision | Noted | Revision of S1-253233. |
| Cont | [S1-253270](file:///C:\TSGS1_111_Goteborg\Docs\S1-253270.zip) | Huawei | Update of clause 7.5 use case on environment object reconstruction | Revised to S1-253270r1 |  |
| Cont | [S1-253270r1](file:///C:\Users\TE01721\AppData\Roaming\Microsoft\Templates\Docs\S1-253270r1.zip) | Huawei | Update of clause 7.5 use case on environment object reconstruction | Revised to S1-253270r2 | Revision of S1-253270. |
| Cont | [S1-253270r2](file:///C:\Users\TE01721\AppData\Roaming\Microsoft\Templates\Docs\S1-253270r2.zip) | Huawei | Update of clause 7.5 use case on environment object reconstruction | Revised to S1-253507 | Revision of S1-253270r1. |
| Cont | [S1-253507](file:///C:\TSGS1_111_Goteborg\docs\S1-253507.zip) | Huawei | Update of clause 7.5 use case on environment object reconstruction | Approved | The same as S1-253270r2. |
| Cont | [S1-253166](file:///C:\TSGS1_111_Goteborg\Docs\S1-253166.zip) | Qualcomm France | Update to Clause 7.6 | Revised to S1-253502 |  |
| Cont | [S1-253502](file:///C:\TSGS1_111_Goteborg\Docs\S1-253502.zip) | Qualcomm France | Update to Clause 7.6 | Approved | Revision of S1-253166. Deleted “Editor’s Note: the KPI values are FFS.” |
| Cont | [S1-253138](file:///C:\TSGS1_111_Goteborg\Docs\S1-253138.zip) | China Mobile | Pseudo-CR on update 7.10 Use case on stored sensing data handling | Revised to S1-253138r1 |  |
| Cont | [S1-253138r1](file:///C:\Users\TE01721\AppData\Roaming\Microsoft\Templates\Docs\S1-253138r1.zip) | China Mobile | Pseudo-CR on update 7.10 Use case on stored sensing data handling | Revised to S1-253508 | Revision of S1-253138. |
| Cont | [S1-253508](file:///C:\TSGS1_111_Goteborg\docs\S1-253508.zip) | China Mobile | Pseudo-CR on update 7.10 Use case on stored sensing data handling |  | Revision of S1-253138r1. |
| Cont | [S1-253337](file:///C:\TSGS1_111_Goteborg\Docs\S1-253337.zip) | InterDigital | pCR on Clause 713 ENs issues 79 and 80 | Revised to S1-253337r1 |  |
| Cont | [S1-253337r1](file:///C:\Users\TE01721\AppData\Roaming\Microsoft\Templates\Docs\S1-253337r1.zip) | InterDigital | pCR on Clause 713 ENs issues 79 and 80 | Revised to S1-253509 | Revision of S1-253337. |
| Cont | [S1-253509](file:///C:\TSGS1_111_Goteborg\docs\S1-253509.zip) | InterDigital | pCR on Clause 713 ENs issues 79 and 80 |  | Revision of S1-253337r1. |
| Cont | [S1-253139](file:///C:\TSGS1_111_Goteborg\Docs\S1-253139.zip) | China Mobile lnfo.Tech.Co. Ltd | Pseudo-CR on update 7.15 Use case on multi-sensor fusion based sensing for UAV takeoff and landing | Revised to S1-253139r1 |  |
| Cont | [S1-253139r1](file:///C:\Users\TE01721\AppData\Roaming\Microsoft\Templates\Docs\S1-253139r1.zip) | China Mobile lnfo.Tech.Co. Ltd | Pseudo-CR on update 7.15 Use case on multi-sensor fusion based sensing for UAV takeoff and landing | Revised to S1-253139r2 | Revision of S1-253139. |
| Cont | [S1-253139r2](file:///C:\Users\TE01721\AppData\Roaming\Microsoft\Templates\Docs\S1-253139r2.zip) | China Mobile lnfo.Tech.Co. Ltd | Pseudo-CR on update 7.15 Use case on multi-sensor fusion based sensing for UAV takeoff and landing | Revised to S1-253510 | Revision of S1-253139r1. |
| Cont | [S1-253510](file:///C:\TSGS1_111_Goteborg\docs\S1-253510.zip) | China Mobile lnfo.Tech.Co. Ltd | Pseudo-CR on update 7.15 Use case on multi-sensor fusion based sensing for UAV takeoff and landing |  | Revision of S1-253139r2. |
| Cont | [S1-253085](file:///C:\TSGS1_111_Goteborg\Docs\S1-253085.zip) | Samsung | 22.870 pCR Update of Use Case on Enabling Non-3GPP Wireless Sensing | Revised to S1-253085r1 |  |
| Cont | [S1-253085r1](file:///C:\Users\TE01721\AppData\Roaming\Microsoft\Templates\Docs\S1-253085r1.zip) | Samsung | 22.870 pCR Update of Use Case on Enabling Non-3GPP Wireless Sensing | Revised to S1-253085r4 | Revision of S1-253085. |
| Cont | [S1-253085r4](file:///C:\TSGS1_111_Goteborg\docs\S1-253085r4.zip) | Samsung | 22.870 pCR Update of Use Case on Enabling Non-3GPP Wireless Sensing | Revised to S1-253511 | Revision of S1-253085r1. |
| Cont | [S1-253511](file:///C:\TSGS1_111_Goteborg\docs\S1-253511.zip) | Samsung | 22.870 pCR Update of Use Case on Enabling Non-3GPP Wireless Sensing |  | Revision of S1-253085r4. |
| Cont | [S1-253354](file:///C:\TSGS1_111_Goteborg\Docs\S1-253354.zip) | Xiaomi Communications | pCR for UC 7.20 regarding non-sensing UE as consumer of sensing results | Noted |  |
| **New use cases** | | | | | |
| Cont | [S1-253114](file:///C:\TSGS1_111_Goteborg\Docs\S1-253114.zip) | OPPO | Use case on sensing assisted communications service optimization | Revised to S1-253114r1 |  |
| Cont | [S1-253114r1](file:///C:\Users\TE01721\AppData\Roaming\Microsoft\Templates\Docs\S1-253114r1.zip) | OPPO | Use case on sensing assisted communications service optimization |  | Revision of S1-253114. |
| Cont | [S1-253132](file:///C:\TSGS1_111_Goteborg\Docs\S1-253132.zip) | China Mobile | New use case on Adaptive Path Planning for AI Agent-Powered UAVs/AGVs | Revised to S1-253132r1 |  |
| Cont | [S1-253132r1](file:///C:\Users\TE01721\AppData\Roaming\Microsoft\Templates\Docs\S1-253132r1.zip) | China Mobile | New use case on Adaptive Path Planning for AI Agent-Powered UAVs/AGVs | Revised to S1-253132r2 | Revision of S1-253132. |
| Cont | [S1-253132r2](file:///C:\Users\TE01721\AppData\Roaming\Microsoft\Templates\Docs\S1-253132r2.zip) | China Mobile | New use case on Adaptive Path Planning for AI Agent-Powered UAVs/AGVs |  | Revision of S1-253132r1. |
| Cont | [S1-253144](file:///C:\TSGS1_111_Goteborg\Docs\S1-253144.zip) | ZTE Corporation | Use case on structural health monitoring | Revised to S1-253144r1 |  |
| Cont | [S1-253144r1](file:///C:\Users\TE01721\AppData\Roaming\Microsoft\Templates\Docs\S1-253144r1.zip) | ZTE Corporation | Use case on structural health monitoring | Revised to S1-253144r2 | Revision of S1-253144. |
| Cont | [S1-253144r2](file:///C:\Users\TE01721\AppData\Roaming\Microsoft\Templates\Docs\S1-253144r2.zip) | ZTE Corporation | Use case on structural health monitoring | Revised to S1-253144r3 | Revision of S1-253144r1. |
| Cont | [S1-253144r3](file:///C:\Users\TE01721\AppData\Roaming\Microsoft\Templates\Docs\S1-253144r3.zip) | ZTE Corporation | Use case on structural health monitoring | Revised to S1-253514 | Revision of S1-253144r2. |
| Cont | [S1-253514](file:///C:\TSGS1_111_Goteborg\docs\S1-253514.zip) | ZTE Corporation | Use case on structural health monitoring | Approved | The same as S1-253144r3. |
| Cont | [S1-253237](file:///C:\TSGS1_111_Goteborg\Docs\S1-253237.zip) | SoftBank Corp. | HAPS-enabled Persistent Wide-Area IoT and Integrated Sensing Services | Revised to S1-253237r1 |  |
| Cont | [S1-253237r1](file:///C:\Users\TE01721\AppData\Roaming\Microsoft\Templates\Docs\S1-253237r1.zip) | SoftBank Corp. | HAPS-enabled Persistent Wide-Area IoT and Integrated Sensing Services | Noted | Revision of S1-253237. |
| Cont | [S1-253315](file:///C:\TSGS1_111_Goteborg\Docs\S1-253315.zip) | Siemens, OTE | New use case on Gesture Recognition in Industrial Environments | Revised to S1-253315r1 |  |
| Cont | [S1-253315r1](file:///C:\Users\TE01721\AppData\Roaming\Microsoft\Templates\Docs\S1-253315r1.zip) | Siemens, OTE | New use case on Gesture Recognition in Industrial Environments | Revised to S1-253315r2 | Revision of S1-253315. |
| Cont | [S1-253315r2](file:///C:\Users\TE01721\AppData\Roaming\Microsoft\Templates\Docs\S1-253315r2.zip) | Siemens, OTE | New use case on Gesture Recognition in Industrial Environments | Revised to S1-253315r3 | Revision of S1-253315r1. |
| Cont | [S1-253315r3](file:///C:\Users\TE01721\AppData\Roaming\Microsoft\Templates\Docs\S1-253315r3.zip) | Siemens, OTE | New use case on Gesture Recognition in Industrial Environments | Revised to S1-253512 | Revision of S1-253315r2. |
| Cont | [S1-253512](file:///C:\TSGS1_111_Goteborg\docs\S1-253512.zip) | Siemens, OTE | New use case on Gesture Recognition in Industrial Environments |  | Revision of S1-253315r3. |
| Cont | [S1-253316](file:///C:\TSGS1_111_Goteborg\Docs\S1-253316.zip) | Siemens, OTE | New use case on Collaborating Robots in Smart Factories | Revised to S1-253316r1 |  |
| Cont | [S1-253316r1](file:///C:\Users\TE01721\AppData\Roaming\Microsoft\Templates\Docs\S1-253316r1.zip) | Siemens, OTE | New use case on Collaborating Robots in Smart Factories | Revised to S1-253316r2 | Revision of S1-253316. |
| Cont | [S1-253316r2](file:///C:\Users\TE01721\AppData\Roaming\Microsoft\Templates\Docs\S1-253316r2.zip) | Siemens, OTE | New use case on Collaborating Robots in Smart Factories | Revised to S1-253316r3 | Revision of S1-253316r1. |
| Cont | [S1-253316r3](file:///C:\Users\TE01721\AppData\Roaming\Microsoft\Templates\Docs\S1-253316r3.zip) | Siemens, OTE | New use case on Collaborating Robots in Smart Factories | Revised to S1-253513 | Revision of S1-253316r2. |
| Cont | [S1-253513](file:///C:\TSGS1_111_Goteborg\docs\S1-253513.zip) | Siemens, OTE | New use case on Collaborating Robots in Smart Factories |  | Revision of S1-253316r3. |
| Cont | [S1-253327](file:///C:\TSGS1_111_Goteborg\Docs\S1-253327.zip) | Reliance Jio | New use case origination from ISAC for IIoT | Not handled |  |
| Cont | S1-253161 | Qualcomm France | Use Case on UAV Recognition and Counting | Revised to S1-253334 |  |
| Cont | [S1-253334](file:///C:\TSGS1_111_Goteborg\Docs\S1-253334.zip) | Qualcomm France | Use Case on UAV Recognition and Counting | Revised to S1-253334r1 | Revision of S1-253161. |
| Cont | [S1-253334r1](file:///C:\Users\TE01721\AppData\Roaming\Microsoft\Templates\Docs\S1-253334r1.zip) | Qualcomm France | Use Case on UAV Recognition and Counting | Revised to S1-253334r2 | Revision of S1-253334. |
| Cont | [S1-253334r2](file:///C:\Users\TE01721\AppData\Roaming\Microsoft\Templates\Docs\S1-253334r2.zip) | Qualcomm France | Use Case on UAV Recognition and Counting | Revised to S1-253334r3 | Revision of S1-253334r1. |
| Cont | [S1-253334r3](file:///C:\Users\TE01721\AppData\Roaming\Microsoft\Templates\Docs\S1-253334r3.zip) | Qualcomm France | Use Case on UAV Recognition and Counting | Revised to S1-253515 | Revision of S1-253334r2. |
| Cont | [S1-253515](file:///C:\TSGS1_111_Goteborg\docs\S1-253515.zip) | Qualcomm France | Use Case on UAV Recognition and Counting | Approved | The same as S1-253334r3. |
| Cont | [S1-253211](file:///C:\TSGS1_111_Goteborg\Docs\S1-253211.zip) | TNO | New use case on detection of ships in the open sea | Revised to S1-253342 |  |
| Cont | [S1-253342](file:///C:\TSGS1_111_Goteborg\Docs\S1-253342.zip) | ESA, Fraunhofer, Airbus, TNO, Thales, Novamint | New use case on detection of ships in the open sea | Revised to S1-253342r1 | Revision of S1-253211. |
| Cont | [S1-253342r1](file:///C:\Users\TE01721\AppData\Roaming\Microsoft\Templates\Docs\S1-253342r1.zip) | ESA, Fraunhofer, Airbus, TNO, Thales, Novamint | New use case on detection of ships in the open sea | Noted | Revision of S1-253342. |
| Cont | [S1-253210](file:///C:\TSGS1_111_Goteborg\Docs\S1-253210.zip) | TNO | New use case on high-altitude UAV supervision | Revised to S1-253343 |  |
| Cont | [S1-253343](file:///C:\TSGS1_111_Goteborg\Docs\S1-253343.zip) | ESA, Fraunhofer, Airbus, TNO, Thales, Novamint | New use case on high-altitude UAV supervision | Revised to S1-253343r1 | Revision of S1-253210. |
| Cont | [S1-253343r1](file:///C:\Users\TE01721\AppData\Roaming\Microsoft\Templates\Docs\S1-253343r1.zip) | ESA, Fraunhofer, Airbus, TNO, Thales, Novamint | New use case on high-altitude UAV supervision | Revised to S1-253343r2 | Revision of S1-253343. |
| Cont | [S1-253343r2](file:///C:\Users\TE01721\AppData\Roaming\Microsoft\Templates\Docs\S1-253343r2.zip) | ESA, Fraunhofer, Airbus, TNO, Thales, Novamint | New use case on high-altitude UAV supervision | Noted | Revision of S1-253343r1. |
| Cont | [S1-253204](file:///C:\TSGS1_111_Goteborg\Docs\S1-253204.zip) | TNO | New use case on Atmospheric monitoring and weather alerts | Revised to S1-253346 |  |
| Cont | [S1-253346](file:///C:\TSGS1_111_Goteborg\Docs\S1-253346.zip) | ESA, Fraunhofer, Airbus, TNO, Thales, Novamint | New use case on Atmospheric monitoring and weather alerts | Revised to S1-253346r1 | Revision of S1-253204. |
| Cont | [S1-253346r1](file:///C:\Users\TE01721\AppData\Roaming\Microsoft\Templates\Docs\S1-253346r1.zip) | ESA, Fraunhofer, Airbus, TNO, Thales, Novamint | New use case on Atmospheric monitoring and weather alerts | Revised to S1-253346r2 | Revision of S1-253346. |
| Cont | [S1-253346r2](file:///C:\Users\TE01721\AppData\Roaming\Microsoft\Templates\Docs\S1-253346r2.zip) | ESA, Fraunhofer, Airbus, TNO, Thales, Novamint | New use case on Atmospheric monitoring and weather alerts | Noted | Revision of S1-253346r1. |
| Cont | [S1-253207](file:///C:\TSGS1_111_Goteborg\Docs\S1-253207.zip) | TNO | New use case on sensing of space debris with NTN | Revised to S1-253347 |  |
| Cont | [S1-253347](file:///C:\TSGS1_111_Goteborg\Docs\S1-253347.zip) | ESA, Fraunhofer, Airbus, TNO, Thales, Novamint | New use case on sensing of space debris with NTN | Revised to S1-253347r1 | Revision of S1-253207. |
| Cont | [S1-253347r1](file:///C:\Users\TE01721\AppData\Roaming\Microsoft\Templates\Docs\S1-253347r1.zip) | ESA, Fraunhofer, Airbus, TNO, Thales, Novamint | New use case on sensing of space debris with NTN | Noted | Revision of S1-253347. |
| Cont | [S1-253349](file:///C:\TSGS1_111_Goteborg\Docs\S1-253349.zip) | Philips International B.V. | New use case on sensing during emergency call | Noted |  |
| Cont | [S1-253349r1](file:///C:\Users\TE01721\AppData\Roaming\Microsoft\Templates\Docs\S1-253349r1.zip) | Philips International B.V. | New use case on sensing during emergency call | Withdrawn | Revision of S1-253349. |
| Cont | [S1-253338](file:///C:\TSGS1_111_Goteborg\Docs\S1-253338.zip) | InterDigital, Turk Telekom | New use case on Smart Shopping Tracker | Revised to S1-253351 |  |
| Cont | [S1-253351](file:///C:\TSGS1_111_Goteborg\Docs\S1-253351.zip) | InterDigital, Turk Telekom, OTE | New use case on Smart Shopping Tracker | Revised to S1-253351r1 | Revision of S1-253338. |
| Cont | [S1-253351r1](file:///C:\Users\TE01721\AppData\Roaming\Microsoft\Templates\Docs\S1-253351r1.zip) | InterDigital, Turk Telekom, OTE | New use case on Smart Shopping Tracker | Revised to S1-253516 | Revision of S1-253351. |
| Cont | [S1-253516](file:///C:\TSGS1_111_Goteborg\docs\S1-253516.zip) | InterDigital, Turk Telekom, OTE | New use case on Smart Shopping Tracker |  | Revision of S1-253351r1. |
| Cont | [S1-253356](file:///C:\TSGS1_111_Goteborg\Docs\S1-253356.zip) | Xiaomi Communications | pCR for New use case UE sensor groups | Noted |  |
| Cont | [S1-253357](file:///C:\TSGS1_111_Goteborg\Docs\S1-253357.zip) | Xiaomi Communications | pCR New Use Case for Efficient Sensing service delivery to sensor groups | Noted |  |
| Cont | [S1-253183](file:///C:\TSGS1_111_Goteborg\Docs\S1-253183.zip) | China Unicom | Network sharing on radio access network with sensing capability | Revised to S1-253183r1 | Moved from 8.1.2 |
| Cont | [S1-253183r1](file:///C:\Users\TE01721\AppData\Roaming\Microsoft\Templates\Docs\S1-253183r1.zip) | China Unicom | Network sharing on radio access network with sensing capability | Revised to S1-253517 | Revision of S1-253183. |
| Cont | [S1-253517](file:///C:\TSGS1_111_Goteborg\docs\S1-253517.zip) | China Unicom | Network sharing on radio access network with sensing capability |  | Revision of S1-253183r1. |
| Cont | [S1-253134](file:///C:\TSGS1_111_Goteborg\Docs\S1-253134.zip) | China Mobile | New use case on Predictive Maintenance in Smart Factories | Revised to S1-253134r1 | Moved from 8.1.8 |
| Cont | [S1-253134r1](file:///C:\Users\TE01721\AppData\Roaming\Microsoft\Templates\Docs\S1-253134r1.zip) | China Mobile | New use case on Predictive Maintenance in Smart Factories | Noted | Revision of S1-253134. |
| Ubiquitous Connectivity | | | | | |
| **Updates to existing use cases** | | | | | |
| Cont | [S1-253153](file:///C:\TSGS1_111_Goteborg\Docs\S1-253153.zip) | Orange | Resolution of editorial issues and Editor’s Notes in “Use Case on ubiquitous and resilient network” clause (8.1) | Merged into S1-253089 | Rapp comment: Included in S1-253089 |
| Cont | [S1-253228](file:///C:\TSGS1_111_Goteborg\Docs\S1-253228.zip) | Huawei | Update of use case 8.2 enhanced user experience with sparse LEO satellite deployment | Revised to S1-253228r1 |  |
| Cont | [S1-253228r1](file:///C:\SA1%23111\Docs\S1-253228r1.zip) | Huawei | Update of use case 8.2 enhanced user experience with sparse LEO satellite deployment | Revised to S1-253450 | Revision of S1-253228. |
| Cont | [S1-253450](file:///C:\TSGS1_111_Goteborg\Docs\S1-253450.zip) | Huawei | Update of use case 8.2 enhanced user experience with sparse LEO satellite deployment | Approved | Same as S1-253228r1. |
| Cont | [S1-253017](file:///C:\TSGS1_111_Goteborg\Docs\S1-253017.zip) | THALES, Novamint, MITRE, Firstnet, TNO | UC 8.5 Disaster Relief - Updates | Revised to S1-253017r1 |  |
| Cont | [S1-253017r1](file:///C:\SA1%23111\Docs\S1-253017r1.zip) | THALES, Novamint, MITRE, Firstnet, TNO | UC 8.5 Disaster Relief - Updates | Revised to S1-253017r2 | Revision of S1-253017. |
| Cont | [S1-253017r2](file:///C:\SA1%23111\Docs\S1-253017r2.zip) | THALES, Novamint, MITRE, Firstnet, TNO | UC 8.5 Disaster Relief - Updates | Revised to S1-253454 | Revision of S1-253017r1. |
| Cont | [S1-253454](file:///C:\TSGS1_111_Goteborg\docs\S1-253454.zip) | THALES, Novamint, MITRE, Firstnet, TNO | UC 8.5 Disaster Relief - Updates |  | Revision of S1-253017r2. |
| Cont | [S1-253041](file:///C:\TSGS1_111_Goteborg\Docs\S1-253041.zip) | Ericsson | Remove EN in Global Mobile Video use case (by clarify KPI table) | Revised to S1-253041r1 |  |
| Cont | [S1-253041r1](file:///C:\SA1%23111\Docs\S1-253041r1.zip) | Ericsson | Remove EN in Global Mobile Video use case (by clarify KPI table) | Revised to S1-253041r2 | Revision of S1-253041. |
| Cont | [S1-253041r2](file:///C:\SA1%23111\Docs\S1-253041r2.zip) | Ericsson | Remove EN in Global Mobile Video use case (by clarify KPI table) | Revised to S1-253529 | Revision of S1-253041r1. |
| Cont | [S1-253529](file:///C:\TSGS1_111_Goteborg\docs\S1-253529.zip) | Ericsson | Remove EN in Global Mobile Video use case (by clarify KPI table) | Approved | The same as S1-253041r2. |
| Cont | [S1-253145](file:///C:\TSGS1_111_Goteborg\Docs\S1-253145.zip) | ZTE Corporation | pCR to resolve ENs in clause 8.8 | Merged into S1-253249r1 | Rapp comment: To be merged with 3193 & 3249 to avoid conflict with proposed changes |
| Cont | [S1-253193](file:///C:\TSGS1_111_Goteborg\Docs\S1-253193.zip) | CATT | Update 8.8 UC on low-altitude logistics supported by NTN | Merged into S1-253249r1 | Rapp comment: To be merged with 3145 & 3249 to avoid conflict with proposed changes |
| Cont | [S1-253249](file:///C:\TSGS1_111_Goteborg\Docs\S1-253249.zip) | CSCN | pCR on update to use case 8.8 | Revised to S1-253249r1 | Rapp comment: To be merged with 3145 & 3193 to avoid conflict with proposed changes |
| Cont | [S1-253249r1](file:///C:\TSGS1_111_Goteborg\docs\S1-253249r1.zip) | CSCN | pCR on update to use case 8.8 | Revised to S1-253249r2 | Revision of S1-253249. |
| Cont | [S1-253249r2](file:///C:\SA1%23111\Docs\S1-253249r2.zip) | CSCN | pCR on update to use case 8.8 | Revised to S1-253249r3 | Revision of S1-253249r1. |
| Cont | [S1-253249r3](file:///C:\SA1%23111\Docs\S1-253249r3.zip) | CSCN | pCR on update to use case 8.8 | Revised to S1-253530 | Revision of S1-253249r2. |
| Cont | [S1-253530](file:///C:\TSGS1_111_Goteborg\docs\S1-253530.zip) | CSCN | pCR on update to use case 8.8 | Approved | The same as S1-253249r3. |
| Cont | [S1-253032](file:///C:\TSGS1_111_Goteborg\Docs\S1-253032.zip) | Airbus, ESA, Fraunhofer IIS | Pseudo-CR on “8.9 Use case on hybrid TN and NTN positioning” | Revised to S1-253032r1 |  |
| Cont | [S1-253032r1](file:///C:\SA1%23111\Docs\S1-253032r1.zip) | Airbus, ESA, Fraunhofer IIS | Pseudo-CR on “8.9 Use case on hybrid TN and NTN positioning” | Revised to S1-253452 | Revision of S1-253032. |
| Cont | [S1-253452](file:///C:\TSGS1_111_Goteborg\Docs\S1-253452.zip) | Airbus, ESA, Fraunhofer IIS | Pseudo-CR on “8.9 Use case on hybrid TN and NTN positioning” | Approved | Same as S1-253032r1. |
| Cont | [S1-253037](file:///C:\TSGS1_111_Goteborg\Docs\S1-253037.zip) | ESA, Airbus | Pseudo-CR on “8.10 Use case on hybrid NTN and GNSS positioning” | Revised to S1-253037r1 |  |
| Cont | [S1-253037r1](file:///C:\SA1%23111\Docs\S1-253037r1.zip) | ESA, Airbus | Pseudo-CR on “8.10 Use case on hybrid NTN and GNSS positioning” | Revised to S1-253037r2 | Revision of S1-253037.  Adding a note for the table. |
| Cont | [S1-253037r2](file:///C:\SA1%23111\Docs\S1-253037r2.zip) | ESA, Airbus | Pseudo-CR on “8.10 Use case on hybrid NTN and GNSS positioning” | Revised to S1-253528 | Revision of S1-253037r1. |
| Cont | [S1-253528](file:///C:\TSGS1_111_Goteborg\docs\S1-253528.zip) | ESA, Airbus | Pseudo-CR on “8.10 Use case on hybrid NTN and GNSS positioning” | Approved | The same as S1-253037r2. |
| Cont | [S1-253146](file:///C:\TSGS1_111_Goteborg\Docs\S1-253146.zip) | ZTE Corporation | pCR to resolve ENs in clause 8.11 | Revised to S1-253146r1 | Rapp comment: To be merged with 3250 to avoid conflict with proposed changes |
| Cont | [S1-253146r1](file:///C:\TSGS1_111_Goteborg\docs\S1-253146r1.zip) | ZTE Corporation | pCR to resolve ENs in clause 8.11 | Revised to S1-253146r2 | Revision of S1-253146. |
| Cont | [S1-253146r2](file:///C:\SA1%23111\Docs\S1-253146r2.zip) | ZTE Corporation | pCR to resolve ENs in clause 8.11 | Revised to S1-253146r3 | Revision of S1-253146r1. |
| Cont | [S1-253146r3](file:///C:\SA1%23111\Docs\S1-253146r3.zip) | ZTE Corporation | pCR to resolve ENs in clause 8.11 | Revised to S1-253146r4 | Revision of S1-253146r2. |
| Cont | [S1-253146r4](file:///C:\SA1%23111\Docs\S1-253146r4.zip) | ZTE Corporation | pCR to resolve ENs in clause 8.11 | Revised to S1-253453 | Revision of S1-253146r3. |
| Cont | [S1-253453](file:///C:\TSGS1_111_Goteborg\Docs\S1-253453.zip) | ZTE Corporation | pCR to resolve ENs in clause 8.11 | Approved | Same as S1-253146r4. |
| Cont | [S1-253250](file:///C:\TSGS1_111_Goteborg\Docs\S1-253250.zip) | CSCN | pCR on update to use case 8.11 | Merged into S1-253146r1 | Rapp comment: To be merged with 3146 to avoid conflict with proposed changes |
| Cont | [S1-253156](file:///C:\TSGS1_111_Goteborg\Docs\S1-253156.zip) | FirstNet, MITRE | pCR enhancement of use case 8.12 Use case | Merged into S1-253236r1 | Rapp comment: To be merged with 3236 to avoid conflict with proposed changes |
| Cont | [S1-253236](file:///C:\TSGS1_111_Goteborg\Docs\S1-253236.zip) | SoftBank Corp. | Update on 8.12 “Use case on HAPS-based rapid deployable network for public safety and disaster response” | Revised to S1-253236r1 | Rapp comment: To be merged with 3156 to avoid conflict with proposed changes |
| Cont | [S1-253236r1](file:///C:\SA1%23111\Docs\S1-253236r1.zip) | SoftBank Corp. | Update on 8.12 “Use case on HAPS-based rapid deployable network for public safety and disaster response” | Revised to S1-253236r2 | Revision of S1-253236. |
| Cont | [S1-253236r2](file:///C:\SA1%23111\Docs\S1-253236r2.zip) | SoftBank Corp. | Update on 8.12 “Use case on HAPS-based rapid deployable network for public safety and disaster response” | Revised to S1-253531 | Revision of S1-253236r1. |
| Cont | [S1-253531](file:///C:\TSGS1_111_Goteborg\docs\S1-253531.zip) | SoftBank Corp. | Update on 8.12 “Use case on HAPS-based rapid deployable network for public safety and disaster response” | Approved | The same as S1-253236r2. |
| Cont | [S1-253306](file:///C:\TSGS1_111_Goteborg\Docs\S1-253306.zip) | ESA, Airbus, Thales, Novamint | Correction of editorial issue in use case on low-energy positioning in satellite networks | Revised to S1-253306r1 |  |
| Cont | [S1-253306r1](file:///C:\SA1%23111\Docs\S1-253306r1.zip) | ESA, Airbus, Thales, Novamint | Correction of editorial issue in use case on low-energy positioning in satellite networks | Revised to S1-253451 | Revision of S1-253306. |
| **New use cases** | | | | | |
| Cont | [S1-253033](file:///C:\TSGS1_111_Goteborg\Docs\S1-253033.zip) | Airbus, ESA, Fraunhofer IIS | New use case on positioning integrity in TN and NTN | Revised to S1-253033r1 |  |
| Cont | [S1-253033r1](file:///C:\SA1%23111\Docs\S1-253033r1.zip) | Airbus, ESA, Fraunhofer IIS | New use case on positioning integrity in TN and NTN | Revised to S1-253033r2 | Revision of S1-253033. |
| Cont | [S1-253033r2](file:///C:\SA1%23111\Docs\S1-253033r2.zip) | Airbus, ESA, Fraunhofer IIS | New use case on positioning integrity in TN and NTN |  | Revision of S1-253033r1. |
| Cont | [S1-253043](file:///C:\TSGS1_111_Goteborg\Docs\S1-253043.zip) | NICT, Deutsche Telekom, Thales | Use case on Enhanced Multi-Access Connectivity | Revised to S1-253043r1 |  |
| Cont | [S1-253043r1](file:///C:\SA1%23111\Docs\S1-253043r1.zip) | NICT, Deutsche Telekom, Thales | Use case on Enhanced Multi-Access Connectivity | Revised to S1-253043r2 | Revision of S1-253043. |
| Cont | [S1-253043r2](file:///C:\SA1%23111\Docs\S1-253043r2.zip) | NICT, Deutsche Telekom, Thales | Use case on Enhanced Multi-Access Connectivity | Revised to S1-253043r3 | Revision of S1-253043r1. |
| Cont | [S1-253043r3](file:///C:\SA1%23111\Docs\S1-253043r3.zip) | NICT, Deutsche Telekom, Thales | Use case on Enhanced Multi-Access Connectivity |  | Revision of S1-253043r2. |
| Cont | [S1-253050](file:///C:\TSGS1_111_Goteborg\Docs\S1-253050.Zip) | LG Uplus | New use case on event-based inter-operator reselection coordination | Revised to S1-253050r1 |  |
| Cont | [S1-253050r1](file:///C:\TSGS1_111_Goteborg\docs\S1-253050r1.zip) | LG Uplus, SK Telecom | New use case on event-based inter-operator reselection coordination | Revised to S1-253050r2 | Revision of S1-253050. |
| Cont | [S1-253050r2](file:///C:\TSGS1_111_Goteborg\docs\S1-253050r2.zip) | LG Uplus, SK Telecom | New use case on event-based inter-operator reselection coordination | Noted | Revision of S1-253050r1. |
| Cont | [S1-253051](file:///C:\TSGS1_111_Goteborg\Docs\S1-253051.Zip) | LG Uplus | New use case on SON improvement for mobility between TN and NTN | Revised to S1-253051r1 |  |
| Cont | [S1-253051r1](file:///C:\TSGS1_111_Goteborg\docs\S1-253051r1.zip) | LG Uplus, KT Corp. | New use case on SON improvement for mobility between TN and NTN | Revised to S1-253051r2 | Revision of S1-253051. |
| Cont | [S1-253051r2](file:///C:\TSGS1_111_Goteborg\docs\S1-253051r2.zip) | LG Uplus, KT Corp. | New use case on SON improvement for mobility between TN and NTN | Noted | Revision of S1-253051r1. |
| Cont | [S1-253112](file:///C:\TSGS1_111_Goteborg\Docs\S1-253112.zip) | CEWiT | Use Case on real time traffic offloading using HAPS in a time specific requirement on a geographically challenging area | Revised to S1-253112r1 |  |
| Cont | [S1-253112r1](file:///C:\SA1%23111\Docs\S1-253112r1.zip) | CEWiT | Use Case on real time traffic offloading using HAPS in a time specific requirement on a geographically challenging area | Revised to S1-253112r2 | Revision of S1-253112. |
| Cont | [S1-253112r2](file:///C:\SA1%23111\Docs\S1-253112r2.zip) | CEWiT | Use Case on real time traffic offloading using HAPS in a time specific requirement on a geographically challenging area | Revised to S1-253112r3 | Revision of S1-253112r1. |
| Cont | [S1-253112r3](file:///C:\SA1%23111\Docs\S1-253112r3.zip) | CEWiT | Use Case on real time traffic offloading using HAPS in a time specific requirement on a geographically challenging area |  | Revision of S1-253112r2. |
| Cont | [S1-253195](file:///C:\TSGS1_111_Goteborg\Docs\S1-253195.zip) | CATT, CSCN | Use Case on 6G Satellite Backhaul Service | Revised to S1-253195r1 |  |
| Cont | [S1-253195r1](file:///C:\SA1%23111\Docs\S1-253195r1.zip) | CATT, CSCN | Use Case on 6G Satellite Backhaul Service | Revised to S1-253195r2 | Revision of S1-253195. |
| Cont | [S1-253195r2](file:///C:\SA1%23111\Docs\S1-253195r2.zip) | CATT, CSCN | Use Case on 6G Satellite Backhaul Service | Revised to S1-253195r3 | Revision of S1-253195r1. |
| Cont | [S1-253195r3](file:///C:\SA1%23111\Docs\S1-253195r3.zip) | CATT, CSCN | Use Case on 6G Satellite Backhaul Service | Revised to S1-253195r4 | Revision of S1-253195r2. |
| Cont | [S1-253195r4](file:///C:\SA1%23111\Docs\S1-253195r4.zip) | CATT, CSCN | Use Case on 6G Satellite Backhaul Service |  | Revision of S1-253195r3. |
| Cont | [S1-253271](file:///C:\TSGS1_111_Goteborg\Docs\S1-253271.zip) | China Telecom Corporation Ltd. | Use case on massive user access over limited satellite links in disasters | Revised to S1-253271r1 |  |
| Cont | [S1-253271r1](file:///C:\SA1%23111\Docs\S1-253271r1.zip) | China Telecom Corporation Ltd. | Use case on massive user access over limited satellite links in disasters | Revised to S1-253271r2 | Revision of S1-253271. |
| Cont | [S1-253271r2](file:///C:\SA1%23111\Docs\S1-253271r2.zip) | China Telecom Corporation Ltd. | Use case on massive user access over limited satellite links in disasters |  | Revision of S1-253271r1. |
| Cont | [S1-253451](file:///C:\TSGS1_111_Goteborg\Docs\S1-253451.zip) | ESA, Airbus, Thales, Novamint | Correction of editorial issue in use case on low-energy positioning in satellite networks | Approved | Same as S1-253306r1. |
| Cont | [S1-253329](file:///C:\TSGS1_111_Goteborg\Docs\S1-253329.zip) | TNO, Thales, Novamint | New use case on On board Computing in 6G NTN domain | Revised to S1-253329r1 |  |
| Cont | [S1-253329r1](file:///C:\SA1%23111\Docs\S1-253329r1.zip) | TNO, Thales, Novamint | New use case on On board Computing in 6G NTN domain | Revised to S1-253329r2 | Revision of S1-253329. |
| Cont | [S1-253329r2](file:///C:\SA1%23111\Docs\S1-253329r2.zip) | TNO, Thales, Novamint | New use case on On board Computing in 6G NTN domain | Revised to S1-253455 | Revision of S1-253329r1. |
| Cont | [S1-253455](file:///C:\TSGS1_111_Goteborg\Docs\S1-253455.zip) | TNO, Thales, Novamint | New use case on On board Computing in 6G NTN domain | Approved | Same as S1-253329r2. |
| Cont | [S1-253332](file:///C:\TSGS1_111_Goteborg\Docs\S1-253332.zip) | Reliance Jio | Defining Small cells for 6G | Noted |  |
| Cont | [S1-253341](file:///C:\TSGS1_111_Goteborg\Docs\S1-253341.zip) | Philips International B.V. | New use case on improved communication services for a group of cooperating UEs | Revised to S1-253341r1 |  |
| Cont | [S1-253341r1](file:///C:\SA1%23111\Docs\S1-253341r1.zip) | Philips International B.V. | New use case on improved communication services for a group of cooperating UEs | Revised to S1-253341r2 | Revision of S1-253341. |
| Cont | [S1-253341r2](file:///C:\SA1%23111\Docs\S1-253341r2.zip) | Philips International B.V. | New use case on improved communication services for a group of cooperating UEs |  | Revision of S1-253341r1. |
| Cont | [S1-253360](file:///C:\TSGS1_111_Goteborg\Docs\S1-253360.zip) | SKY Perfect JSAT Corporation | New use case on independent PCI management in multi-satellite operator roaming | Revised to S1-253360r1 |  |
| Cont | [S1-253360r1](file:///C:\SA1%23111\Docs\S1-253360r1.zip) | SKY Perfect JSAT Corporation | New use case on independent PCI management in multi-satellite operator roaming | Revised to S1-253360r2 | Revision of S1-253360. |
| Cont | [S1-253360r2](file:///C:\SA1%23111\Docs\S1-253360r2.zip) | SKY Perfect JSAT Corporation | New use case on independent PCI management in multi-satellite operator roaming | Revised to S1-253360r3 | Revision of S1-253360r1. |
| Cont | [S1-253360r3](file:///C:\TSGS1_111_Goteborg\docs\S1-253360r3.zip) | SKY Perfect JSAT Corporation | New use case on independent PCI management in multi-satellite operator roaming |  | Revision of S1-253360r2. |
| Immersive Reality | | | | | |
| **Updates to existing use cases** | | | | | |
| Cont | [S1-253247](file:///C:\TSGS1_111_Goteborg\Docs\S1-253247.zip) | ZTE Corporation, China Unicom | Pseudo-CR on addressing EN in clause 9.5 | Revised to S1-253247r1 |  |
| Cont | [S1-253247r1](file:///C:\Users\TE01721\AppData\Roaming\Microsoft\Templates\Docs\S1-253247r1.zip) | ZTE Corporation, China Unicom | Pseudo-CR on addressing EN in clause 9.5 | Revised to S1-253518 | Revision of S1-253247. |
| Cont | [S1-253518](file:///C:\TSGS1_111_Goteborg\docs\S1-253518.zip) | ZTE Corporation, China Unicom | Pseudo-CR on addressing EN in clause 9.5 | Approved | The same as S1-253247r1.  The only change is to change all occurrences of “camera” to “UE” in the KPI table. |
| Cont | [S1-253082](file:///C:\TSGS1_111_Goteborg\Docs\S1-253082.zip) | Samsung | 22.870 pCR Update of Use case on Critical Immersive Communications | Revised to S1-253082r1 |  |
| Cont | [S1-253082r1](file:///C:\Users\TE01721\AppData\Roaming\Microsoft\Templates\Docs\S1-253082r1.zip) | Samsung | 22.870 pCR Update of Use case on Critical Immersive Communications | Revised to S1-253520 | Revision of S1-253082. |
| Cont | [S1-253520](file:///C:\TSGS1_111_Goteborg\docs\S1-253520.zip) | Samsung | 22.870 pCR Update of Use case on Critical Immersive Communications | Approved | Revision of S1-253082r1. |
| Cont | [S1-253040](file:///C:\TSGS1_111_Goteborg\Docs\S1-253040.zip) | China Unicom | Updated use case on smart life for aging population with immersive real-time communication | Revised to S1-253040r1 |  |
| Cont | [S1-253040r1](file:///C:\Users\TE01721\AppData\Roaming\Microsoft\Templates\Docs\S1-253040r1.zip) | China Unicom | Updated use case on smart life for aging population with immersive real-time communication | Revised to S1-253519 | Revision of S1-253040. |
| Cont | [S1-253519](file:///C:\TSGS1_111_Goteborg\docs\S1-253519.zip) | China Unicom | Updated use case on smart life for aging population with immersive real-time communication | Approved | The same as S1-253040r1.  The only change is to change PR1 to: [PR 9.9.6-4] Subject to operator policy, the 6G system (including IMS) shall provide mechanisms for the intelligent immersive calling service to render media based on the received intent from a user (e.g. voice, gesture) during the calling. |
| Cont | [S1-253075](file:///C:\TSGS1_111_Goteborg\Docs\S1-253075.zip) | OPPO | Update of use case on real-time VR live service with deterministic user experience | Revised to S1-253075r1 |  |
| Cont | [S1-253075r1](file:///C:\Users\TE01721\AppData\Roaming\Microsoft\Templates\Docs\S1-253075r1.zip) | OPPO | Update of use case on real-time VR live service with deterministic user experience | Revised to S1-253075r2 | Revision of S1-253075. |
| Cont | [S1-253075r2](file:///C:\Users\TE01721\AppData\Roaming\Microsoft\Templates\Docs\S1-253075r2.zip) | OPPO | Update of use case on real-time VR live service with deterministic user experience | Revised to S1-253521 | Revision of S1-253075r1. |
| Cont | [S1-253521](file:///C:\TSGS1_111_Goteborg\docs\S1-253521.zip) | OPPO | Update of use case on real-time VR live service with deterministic user experience | Approved | The same as S1-253075r2. |
| Cont | [S1-253339](file:///C:\TSGS1_111_Goteborg\Docs\S1-253339.zip) | InterDigital | pCR on Clause 9.12 EN issue 116 | Revised to S1-253339r1 |  |
| Cont | [S1-253339r1](file:///C:\Users\TE01721\AppData\Roaming\Microsoft\Templates\Docs\S1-253339r1.zip) | InterDigital | pCR on Clause 9.12 EN issue 116 | Revised to S1-253523 | Revision of S1-253339. |
| Cont | [S1-253523](file:///C:\TSGS1_111_Goteborg\docs\S1-253523.zip) | InterDigital | pCR on Clause 9.12 EN issue 116 | Approved | The same as S1-253339r1. |
| Cont | [S1-253196](file:///C:\TSGS1_111_Goteborg\Docs\S1-253196.zip) | CATT | Update 9.15 UC on coordinating computing and communication | Revised to S1-253196r1 |  |
| Cont | [S1-253196r1](file:///C:\Users\TE01721\AppData\Roaming\Microsoft\Templates\Docs\S1-253196r1.zip) | CATT | Update 9.15 UC on coordinating computing and communication | Revised to S1-253505 | Revision of S1-253196. |
| Cont | [S1-253505](file:///C:\TSGS1_111_Goteborg\Docs\S1-253505.zip) | CATT | Update 9.15 UC on coordinating computing and communication | Approved | Revision of S1-253196r1. |
| Cont | [S1-253248](file:///C:\TSGS1_111_Goteborg\Docs\S1-253248.zip) | ZTE Corporation, China Unicom | Pseudo-CR on update use case in clause 9.15 | Revised to S1-253248r1 |  |
| Cont | [S1-253248r1](file:///C:\Users\TE01721\AppData\Roaming\Microsoft\Templates\Docs\S1-253248r1.zip) | ZTE Corporation, China Unicom | Pseudo-CR on update use case in clause 9.15 | Revised to S1-253248r2 | Revision of S1-253248. |
| Cont | [S1-253248r2](file:///C:\Users\TE01721\AppData\Roaming\Microsoft\Templates\Docs\S1-253248r2.zip) | ZTE Corporation, China Unicom | Pseudo-CR on update use case in clause 9.15 | Revised to S1-253248r3 | Revision of S1-253248r1. |
| Cont | [S1-253248r3](file:///C:\Users\TE01721\AppData\Roaming\Microsoft\Templates\Docs\S1-253248r3.zip) | ZTE Corporation, China Unicom | Pseudo-CR on update use case in clause 9.15 | Revised to S1-253522 | Revision of S1-253248r2. |
| Cont | [S1-253522](file:///C:\TSGS1_111_Goteborg\docs\S1-253522.zip) | ZTE Corporation, China Unicom | Pseudo-CR on update use case in clause 9.15 | Approved | The same as S1-253248r3. |
| **New use cases** | | | | | |
| Cont | [S1-253074](file:///C:\TSGS1_111_Goteborg\Docs\S1-253074.zip) | OPPO, China Unicom | New use case on error tolerant communication for online short video streaming service | Revised to S1-253074r1 |  |
| Cont | [S1-253074r1](file:///C:\Users\TE01721\AppData\Roaming\Microsoft\Templates\Docs\S1-253074r1.zip) | OPPO, China Unicom | New use case on error tolerant communication for online short video streaming service | Noted | Revision of S1-253074. |
| Cont | [S1-253159](file:///C:\TSGS1_111_Goteborg\Docs\S1-253159.zip) | Qualcomm France | Use case on Application Context Enhanced Communication Service | Revised to S1-253159r1 |  |
| Cont | [S1-253159r1](file:///C:\Users\TE01721\AppData\Roaming\Microsoft\Templates\Docs\S1-253159r1.zip) | Qualcomm France | Use case on Application Context Enhanced Communication Service | Revised to S1-253159r2 | Revision of S1-253159. |
| Cont | [S1-253159r2](file:///C:\Users\TE01721\AppData\Roaming\Microsoft\Templates\Docs\S1-253159r2.zip) | Qualcomm France | Use case on Application Context Enhanced Communication Service | Revised to S1-253159r3 | Revision of S1-253159r1. |
| Cont | [S1-253159r3](file:///C:\TSGS1_111_Goteborg\docs\S1-253159r3.zip) | Qualcomm France | Use case on Application Context Enhanced Communication Service | Revised to S1-253524 | Revision of S1-253159r2. |
| Cont | [S1-253524](file:///C:\TSGS1_111_Goteborg\docs\S1-253524.zip) | Qualcomm France | Use case on Application Context Enhanced Communication Service | Approved | The same as S1-253159r3.  The only change is: NOTE: Example of information related to the application can include previous, current and/or expected user application characteristics. When provided by the UE, the network can verify the information. |
| Cont | [S1-253208](file:///C:\TSGS1_111_Goteborg\Docs\S1-253208.zip) | SHURE Europe GmbH | New use case on Immersive Audio Production in Live Events | Revised to S1-253208r1 |  |
| Cont | [S1-253208r1](file:///C:\Users\TE01721\AppData\Roaming\Microsoft\Templates\Docs\S1-253208r1.zip) | SHURE Europe GmbH | New use case on Immersive Audio Production in Live Events | Revised to S1-253208r2 | Revision of S1-253208. |
| Cont | [S1-253208r2](file:///C:\Users\TE01721\AppData\Roaming\Microsoft\Templates\Docs\S1-253208r2.zip) | SHURE Europe GmbH | New use case on Immersive Audio Production in Live Events | Revised to S1-253525 | Revision of S1-253208r1. |
| Cont | [S1-253525](file:///C:\TSGS1_111_Goteborg\docs\S1-253525.zip) | SHURE Europe GmbH | New use case on Immersive Audio Production in Live Events | Approved | The same as S1-253208r2. |
| Cont | [S1-253259](file:///C:\TSGS1_111_Goteborg\Docs\S1-253259.zip) | China Mobile | Pseudo-CR on new use case on communication between heterogeneous immersive terminals | Revised to S1-253259r1 |  |
| Cont | [S1-253259r1](file:///C:\Users\TE01721\AppData\Roaming\Microsoft\Templates\Docs\S1-253259r1.zip) | China Mobile | Pseudo-CR on new use case on communication between heterogeneous immersive terminals | Revised to S1-253526 | Revision of S1-253259. |
| Cont | [S1-253526](file:///C:\TSGS1_111_Goteborg\docs\S1-253526.zip) | China Mobile | Pseudo-CR on new use case on communication between heterogeneous immersive terminals |  | Revision of S1-253259r1. |
| Cont | [S1-253266](file:///C:\TSGS1_111_Goteborg\Docs\S1-253266.zip) | Tata Consultancy Services | Pseudo-CR on bandwidth efficient live interaction with virtual 3D demonstrator using semantic communication | Noted | Not handled |
| Cont | [S1-253302](file:///C:\TSGS1_111_Goteborg\Docs\S1-253302.zip) | BUPT | Use case on 3D hyper-realistic video services | Revised to S1-253302r1 | This is submitted to Clause 9 but UC is written for W |
| Cont | [S1-253302r1](file:///C:\Users\TE01721\AppData\Roaming\Microsoft\Templates\Docs\S1-253302r1.zip) | BUPT | Use case on 3D hyper-realistic video services | Revised to S1-253302r2 | Revision of S1-253302. |
| Cont | [S1-253302r2](file:///C:\Users\TE01721\AppData\Roaming\Microsoft\Templates\Docs\S1-253302r2.zip) | BUPT | Use case on 3D hyper-realistic video services | Revised to S1-253527 | Revision of S1-253302r1. |
| Cont | [S1-253527](file:///C:\TSGS1_111_Goteborg\docs\S1-253527.zip) | BUPT | Use case on 3D hyper-realistic video services |  | Revision of S1-253302r2. |
| Cont | [S1-253352](file:///C:\TSGS1_111_Goteborg\Docs\S1-253352.zip) | Xiaomi Communications | New Use Case: Use Case on Collaborative Mixed Reality Co-Design using XR Immersive Communication | Noted |  |
| Cont | [S1-253325](file:///C:\TSGS1_111_Goteborg\Docs\S1-253325.zip) | Reliance Jio | Digital Twins under Immersive Communications | Noted | Not handled |
| Cont | [S1-253359r2](file:///C:\Users\Public\Documents\SA1#111_Gothenburg\docs\S1-253359r2.zip) | Qualcomm France | Use case on joint QoS handling for 6G Service | Noted | Revision of S1-253359r1. Moved from 8.1.9 |
| Cont | S1-253194 | CATT | Update 9.7 UC on holographic telepresence in healthcare | Withdrawn |  |
| Massive Communication | | | | | |
| Cont | S1-253283 | Huawei, HiSilicon, Turk Telekom | use case on 6GS providing wireless power transfer service | Withdrawn | Not uploaded |
| Cont | [S1-253305](file:///C:\TSGS1_111_Goteborg\Docs\S1-253305.zip) | Turk Telekom, Huawei, HiSilicon | use case on 6GS providing wireless power transfer service | Revised to S1-253305r1 |  |
| Cont | [S1-253305r1](file:///C:\Users\Public\Documents\SA1%23111_Gothenburg\docs\S1-253305r1.zip) | Turk Telekom, Huawei, HiSilicon | use case on 6GS providing wireless power transfer service |  | Revision of S1-253305. |
| Cont | [S1-253310](file:///C:\TSGS1_111_Goteborg\Docs\S1-253310.zip) | Nokia | New use case on extended device battery life | Revised to S1-253310r1 |  |
| Cont | [S1-253310r1](file:///C:\Users\Public\Documents\SA1%23111_Gothenburg\docs\S1-253310r1.zip) | Nokia | New use case on extended device battery life | Revised to S1-253310r2 | Revision of S1-253310. |
| Cont | [S1-253310r2](file:///C:\Users\Public\Documents\SA1%23111_Gothenburg\docs\S1-253310r2.zip) | Nokia | New use case on extended device battery life | Revised to S1-253310r3 | Revision of S1-253310r1. |
| Cont | [S1-253310r3](file:///C:\TSGS1_111_Goteborg\docs\S1-253310r3.zip) | Nokia | New use case on extended device battery life | Noted | Revision of S1-253310r2. |
| Cont | [S1-253323](file:///C:\TSGS1_111_Goteborg\Docs\S1-253323.zip) | Ericsson, Itron, AT&T, Verizon, Sony, Nokia, EDT | New use case for gas and Water Metering | Revised to S1-253323r1 |  |
| Cont | [S1-253323r1](file:///C:\TSGS1_111_Goteborg\docs\S1-253323r1.zip) | Ericsson, Itron, AT&T, Verizon, Sony, Nokia, EDT | New use case for gas and Water Metering | Noted | Revision of S1-253323. |
| Cont | [S1-253324](file:///C:\TSGS1_111_Goteborg\Docs\S1-253324.zip) | Ericsson, Itron, AT&T, Verizon, Qualcomm, Sony, EDT | PCR on update of utility use case 10.2 | Revised to S1-253324r1 |  |
| Cont | [S1-253324r1](file:///C:\TSGS1_111_Goteborg\docs\S1-253324r1.zip) | Ericsson, Itron, AT&T, Verizon, Qualcomm, Sony, EDT, Nokia | PCR on update of utility use case 10.2 | Revised to S1-253383 | Revision of S1-253324. |
| Cont | [S1-253383](file:///C:\TSGS1_111_Goteborg\docs\S1-253383.zip) | Ericsson, Itron, AT&T, Verizon, Qualcomm, Sony, EDT, Nokia | PCR on update of utility use case 10.2 |  | Revision of S1-253324r1. |
| Further Use Cases on Industry and Verticals | | | | | |
| Cont | [S1-253093](file:///C:\TSGS1_111_Goteborg\Docs\S1-253093.zip) | 6G Study Rapporteurs | Proposed Clause 11 General Text | Revised to S1-253093r1 |  |
| Cont | [S1-253093r1](file:///C:\SA1%23111\Docs\S1-253093r1.zip) | 6G Study Rapporteurs | Proposed Clause 11 General Text |  | Revision of S1-253093. |
| **Former use cases update** | | | | | |
| Cont | [S1-253053](file:///C:\TSGS1_111_Goteborg\Docs\S1-253053.zip) | FirstNet | Pseudo-CR on Correcting Reference from TR to TS in 11.13.5 | Approved |  |
| Cont | [S1-253111](file:///C:\TSGS1_111_Goteborg\Docs\S1-253111.zip) | Hytera Communications Corp. | Update of use case on Seamless Connectivity for 6G-enabled Mission Critical Services | Revised to S1-253111r1 |  |
| Cont | [S1-253111r1](file:///C:\SA1%23111\Docs\S1-253111r1.zip) | Hytera Communications Corp. | Update of use case on Seamless Connectivity for 6G-enabled Mission Critical Services | Revised to S1-253456 | Revision of S1-253111. |
| Cont | [S1-253456](file:///C:\TSGS1_111_Goteborg\Docs\S1-253456.zip) | Hytera Communications Corp. | Update of use case on Seamless Connectivity for 6G-enabled Mission Critical Services | Approved | Same as S1-253111r1. |
| Cont | [S1-253086](file:///C:\TSGS1_111_Goteborg\Docs\S1-253086.zip) | Samsung | 22.870 pCR Update of Use case on Critical Immersive Communications | Merged into S1-253089 |  |
| Cont | [S1-253107](file:///C:\TSGS1_111_Goteborg\Docs\S1-253107.zip) | LG Electronics Inc. | Update on UC 11.12 – Cooperative networking under extreme conditions – mining, agriculture and more | Revised to S1-253107r1 |  |
| Cont | [S1-253107r1](file:///C:\SA1%23111\Docs\S1-253107r1.zip) | LG Electronics Inc. | Update on UC 11.12 – Cooperative networking under extreme conditions – mining, agriculture and more | Revised to S1-253107r2 | Revision of S1-253107. |
| Cont | [S1-253107r2](file:///C:\SA1%23111\Docs\S1-253107r2.zip) | LG Electronics Inc. | Update on UC 11.12 – Cooperative networking under extreme conditions – mining, agriculture and more |  | Revision of S1-253107r1. |
| Cont | [S1-253126](file:///C:\TSGS1_111_Goteborg\Docs\S1-253126.zip) | China Mobile | Pseudo-CR on update 11.9 Use case on 6G localized network for vertical | Revised to S1-253126r1 |  |
| Cont | [S1-253126r1](file:///C:\SA1%23111\Docs\S1-253126r1.zip) | China Mobile | Pseudo-CR on update 11.9 Use case on 6G localized network for vertical | Revised to S1-253126r2 | Revision of S1-253126. |
| Cont | [S1-253126r2](file:///C:\SA1%23111\Docs\S1-253126r2.zip) | China Mobile | Pseudo-CR on update 11.9 Use case on 6G localized network for vertical | Revised to S1-253457 | Revision of S1-253126r1. |
| Cont | [S1-253457](file:///C:\TSGS1_111_Goteborg\Docs\S1-253457.zip) | China Mobile | Pseudo-CR on update 11.9 Use case on 6G localized network for vertical | Approved | Same as S1-253126r2. |
| Cont | [S1-253340](file:///C:\TSGS1_111_Goteborg\Docs\S1-253340.zip) | Lenovo, Motorola Mobility | Updates to localized network access | Revised to S1-253340r1 | Moved from 8.1.9  Rapp comment: Proposed to be merged into 3126 |
| Cont | [S1-253340r1](file:///C:\SA1%23111\Docs\S1-253340r1.zip) | Lenovo, Motorola Mobility | Updates to localized network access |  | Revision of S1-253340. |
| Cont | [S1-253147](file:///C:\TSGS1_111_Goteborg\Docs\S1-253147.zip) | ZTE Corporation, China Telecom, China Mobile | pCR on update of clause 11.7 | Revised to S1-253147r1 |  |
| Cont | [S1-253147r1](file:///C:\SA1%23111\Docs\S1-253147r1.zip) | ZTE Corporation, China Telecom, China Mobile | pCR on update of clause 11.7 | Revised to S1-253147r2 | Revision of S1-253147. |
| Cont | [S1-253147r2](file:///C:\SA1%23111\Docs\S1-253147r2.zip) | ZTE Corporation, China Telecom, China Mobile | pCR on update of clause 11.7 | Revised to S1-253458 | Revision of S1-253147r1. |
| Cont | [S1-253458](file:///C:\TSGS1_111_Goteborg\Docs\S1-253458.zip) | ZTE Corporation, China Telecom, China Mobile | pCR on update of clause 11.7 | Approved | Same as S1-253147r2. |
| Cont | [S1-253180](file:///C:\TSGS1_111_Goteborg\Docs\S1-253180.zip) | NICT | Pseudo-CR on 11.15 Use case on critical infrastructure monitoring | Revised to S1-253180r1 |  |
| Cont | [S1-253180r1](file:///C:\SA1%23111\Docs\S1-253180r1.zip) | NICT | Pseudo-CR on 11.15 Use case on critical infrastructure monitoring | Revised to S1-253459 | Revision of S1-253180. |
| Cont | [S1-253459](file:///C:\TSGS1_111_Goteborg\Docs\S1-253459.zip) | NICT | Pseudo-CR on 11.15 Use case on critical infrastructure monitoring | Approved | Same as S1-253180r1. |
| Cont | [S1-253242](file:///C:\TSGS1_111_Goteborg\Docs\S1-253242.zip) | Huawei | Pseudo-CR on Update to clause 11.1 “Use case on communication on board of UAM aircrafts” | Revised to S1-253242r1 |  |
| Cont | [S1-253242r1](file:///C:\SA1%23111\Docs\S1-253242r1.zip) | Huawei | Pseudo-CR on Update to clause 11.1 “Use case on communication on board of UAM aircrafts” | Revised to S1-253460 | Revision of S1-253242. |
| Cont | [S1-253460](file:///C:\TSGS1_111_Goteborg\Docs\S1-253460.zip) | Huawei | Pseudo-CR on Update to clause 11.1 “Use case on communication on board of UAM aircrafts” | Approved | Same as S1-253242r1. |
| Cont | [S1-253256](file:///C:\TSGS1_111_Goteborg\Docs\S1-253256.zip) | China Mobile | Pseudo-CR on update 11.3 Use case on real time digital twins | Revised to S1-253256r1 |  |
| Cont | [S1-253256r1](file:///C:\SA1%23111\Docs\S1-253256r1.zip) | China Mobile | Pseudo-CR on update 11.3 Use case on real time digital twins | Revised to S1-253256r2 | Revision of S1-253256. |
| Cont | [S1-253256r2](file:///C:\SA1%23111\Docs\S1-253256r2.zip) | China Mobile | Pseudo-CR on update 11.3 Use case on real time digital twins | Revised to S1-253461 | Revision of S1-253256r1. |
| Cont | [S1-253461](file:///C:\TSGS1_111_Goteborg\Docs\S1-253461.zip) | China Mobile | Pseudo-CR on update 11.3 Use case on real time digital twins | Approved | Same as S1-253256r2. |
| **New use cases** | | | | | |
| Cont | [S1-253073](file:///C:\TSGS1_111_Goteborg\Docs\S1-253073.zip) | KPN N.V. | New Use Case on Medical applications in 6G | Revised to S1-253073r1 |  |
| Cont | [S1-253073r1](file:///C:\SA1%23111\Docs\S1-253073r1.zip) | KPN N.V. | New Use Case on Medical applications in 6G |  | Revision of S1-253073. |
| Cont | [S1-253078](file:///C:\TSGS1_111_Goteborg\Docs\S1-253078.zip) | OPPO | Network managed localized communication | Revised to S1-253078r1 |  |
| Cont | [S1-253078r1](file:///C:\SA1%23111\Docs\S1-253078r1.zip) | OPPO | Network managed localized communication | Revised to S1-253078r2 | Revision of S1-253078. |
| Cont | [S1-253078r2](file:///C:\SA1%23111\Docs\S1-253078r2.zip) | OPPO | Network managed localized communication |  | Revision of S1-253078r1. |
| Cont | [S1-253079](file:///C:\TSGS1_111_Goteborg\Docs\S1-253079.zip) | OPPO | Seamless service transfer for vehicle infotainment | Revised to S1-253079r1 |  |
| Cont | [S1-253079r1](file:///C:\SA1%23111\Docs\S1-253079r1.zip) | OPPO | Seamless service transfer for vehicle infotainment | Revised to S1-253079r2 | Revision of S1-253079. |
| Cont | [S1-253079r2](file:///C:\SA1%23111\Docs\S1-253079r2.zip) | OPPO | Seamless service transfer for vehicle infotainment |  | Revision of S1-253079r1. |
| Cont | [S1-253104](file:///C:\TSGS1_111_Goteborg\Docs\S1-253104.zip) | ZTE, China Telecom | Use case on Industrial IoT | Revised to S1-253104r1 |  |
| Cont | [S1-253104r1](file:///C:\SA1%23111\Docs\S1-253104r1.zip) | ZTE, China Telecom | Use case on Industrial IoT | Revised to S1-253104r2 | Revision of S1-253104. |
| Cont | [S1-253104r2](file:///C:\TSGS1_111_Goteborg\docs\S1-253104r2.zip) | ZTE, China Telecom | Use case on Industrial IoT |  | Revision of S1-253104r1. |
| Cont | [S1-253133](file:///C:\TSGS1_111_Goteborg\Docs\S1-253133.zip) | China Mobile | New use cas on task driven network communication for vertical users | Revised to S1-253133r1 |  |
| Cont | [S1-253133r1](file:///C:\SA1%23111\Docs\S1-253133r1.zip) | China Mobile | New use cas on task driven network communication for vertical users |  | Revision of S1-253133. |
| Cont | [S1-253134](file:///C:\TSGS1_111_Goteborg\Docs\S1-253134.zip) | China Mobile | New use case on Predictive Maintenance in Smart Factories | Moved to 8.1.4 |  |
| Cont | [S1-253128](file:///C:\TSGS1_111_Goteborg\Docs\S1-253128.zip) | China Mobile | New use case on Intelligent Vehicle Autonomous Driving and Navigation in the 6G network | Revised to S1-253128r1 | Moved from 8.1.2 |
| Cont | [S1-253128r1](file:///C:\SA1%23111\Docs\S1-253128r1.zip) | China Mobile | New use case on Intelligent Vehicle Autonomous Driving and Navigation in the 6G network |  | Revision of S1-253128. |
| Cont | [S1-253148](file:///C:\TSGS1_111_Goteborg\Docs\S1-253148.zip) | ZTE Corporation, China Telecom, China Mobile | New use case on Spatial Computing enabled Dynamic Material Management | Revised to S1-253148r1 |  |
| Cont | [S1-253148r1](file:///C:\SA1%23111\Docs\S1-253148r1.zip) | ZTE Corporation, China Telecom, China Mobile | New use case on Spatial Computing enabled Dynamic Material Management |  | Revision of S1-253148. |
| Cont | [S1-253149](file:///C:\TSGS1_111_Goteborg\Docs\S1-253149.zip) | ZTE Corporation, China Telecom, China Mobile | New use case on independent 6G Local Network for Factory | Revised to S1-253149r1 |  |
| Cont | [S1-253149r1](file:///C:\SA1%23111\Docs\S1-253149r1.zip) | ZTE Corporation, China Telecom, China Mobile | New use case on independent 6G Local Network for Factory |  | Revision of S1-253149. |
| Cont | [S1-253154](file:///C:\TSGS1_111_Goteborg\Docs\S1-253154.zip) | Orange | Use Case on smart manufacturing enabled by diverse autonomous robots | Revised to S1-253154r1 |  |
| Cont | [S1-253154r1](file:///C:\SA1%23111\Docs\S1-253154r1.zip) | Orange | Use Case on smart manufacturing enabled by diverse autonomous robots |  | Revision of S1-253154. |
| Cont | [S1-253164](file:///C:\TSGS1_111_Goteborg\Docs\S1-253164.zip) | Verizon Netherlands | New Use case on Utiility DTT for distributed energy resources integration and protection | Revised to S1-253164r1 |  |
| Cont | [S1-253164r1](file:///C:\SA1%23111\Docs\S1-253164r1.zip) | Verizon Netherlands | New Use case on Utiility DTT for distributed energy resources integration and protection |  | Revision of S1-253164. |
| Cont | [S1-253165](file:///C:\TSGS1_111_Goteborg\Docs\S1-253165.zip) | Verizon Netherlands | New Use case on Monitoring Utility Grid assets | Revised to S1-253165r1 |  |
| Cont | [S1-253165r1](file:///C:\SA1%23111\Docs\S1-253165r1.zip) | Verizon Netherlands | New Use case on Monitoring Utility Grid assets | Revised to S1-253165r2 | Revision of S1-253165. |
| Cont | [S1-253165r2](file:///C:\SA1%23111\Docs\S1-253165r2.zip) | Verizon Netherlands | New Use case on Monitoring Utility Grid assets |  | Revision of S1-253165r1. |
| Cont | [S1-253317](file:///C:\TSGS1_111_Goteborg\Docs\S1-253317.zip) | Siemens, EDF | New use case on 6G-enabled Decentralized Smart Grid Control | Revised to S1-253317r1 |  |
| Cont | [S1-253317r1](file:///C:\SA1%23111\Docs\S1-253317r1.zip) | Siemens, EDF | New use case on 6G-enabled Decentralized Smart Grid Control | Revised to S1-253317r2 | Revision of S1-253317. |
| Cont | [S1-253317r2](file:///C:\SA1%23111\Docs\S1-253317r2.zip) | Siemens, EDF | New use case on 6G-enabled Decentralized Smart Grid Control |  | Revision of S1-253317r1. |
| Cont | [S1-253318](file:///C:\TSGS1_111_Goteborg\Docs\S1-253318.zip) | EDF Recherche et Développement, NOVAMINT | New use case on 6G-enabled Decentralized Local Grid Power Contract | Revised to S1-253318r1 |  |
| Cont | [S1-253318r1](file:///C:\SA1%23111\Docs\S1-253318r1.zip) | EDF Recherche et Développement, NOVAMINT | New use case on 6G-enabled Decentralized Local Grid Power Contract |  | Revision of S1-253318. |
| Other Use Cases | | | | | |
| Cont | S1-253052 | LG Uplus | New use case on enhanced access control for unattended data traffic | Withdrawn |  |
| Cont | [S1-253056](file:///C:\TSGS1_111_Goteborg\Docs\S1-253056.zip) | Nokia, KPN, Softbank | New use case on Compute Service Discovery in Coordination with the | Revised to S1-253056r1 |  |
| Cont | [S1-253056r1](file:///C:\Users\Public\Documents\SA1%23111_Gothenburg\docs\S1-253056r1.zip) | Nokia, KPN, Softbank | New use case on Compute Service Discovery in Coordination with the | Noted | Revision of S1-253056. |
| Cont | [S1-253098](file:///C:\TSGS1_111_Goteborg\Docs\S1-253098.zip) | Qualcomm Incorporated | Use case on PWS over non-3GPP access | Noted |  |
| Cont | [S1-253142](file:///C:\TSGS1_111_Goteborg\Docs\S1-253142.zip) | IIT Bombay | New use case on 6G network offering information as a service | Revised to S1-253142r1 |  |
| Cont | [S1-253142r1](file:///C:\Users\Public\Documents\SA1%23111_Gothenburg\docs\S1-253142r1.zip) | IIT Bombay | New use case on 6G network offering information as a service | Revised to S1-253142r2 | Revision of S1-253142. |
| Cont | [S1-253142r2](file:///C:\Users\Public\Documents\SA1%23111_Gothenburg\docs\S1-253142r2.zip) | IIT Bombay | New use case on 6G network offering information as a service | Revised to S1-253142r3 | Revision of S1-253142r1. |
| Cont | [S1-253142r3](file:///C:\Users\Public\Documents\SA1%23111_Gothenburg\docs\S1-253142r3.zip) | IIT Bombay | New use case on 6G network offering information as a service | Revised to S1-253382 | Revision of S1-253142r2.  Remove NOTE, add “using” in the blacket. |
| Cont | [S1-253382](file:///C:\TSGS1_111_Goteborg\Docs\S1-253382.zip) | IIT Bombay | New use case on 6G network offering information as a service | Agreed | Revision of S1-253142r3.  The content is same as 3142r3 |
| Cont | [S1-253157](file:///C:\TSGS1_111_Goteborg\Docs\S1-253157.zip) | FirstNet, DISA, AT&T | pCR on Use Case on Spectrum Sensing to Support Disaster Recovery | Revised to S1-253157r1 |  |
| Cont | [S1-253157r1](file:///C:\Users\Public\Documents\SA1%23111_Gothenburg\docs\S1-253157r1.zip) | FirstNet, DISA, AT&T | pCR on Use Case on Spectrum Sensing to Support Disaster Recovery | Revised to S1-253157r2 | Revision of S1-253157. |
| Cont | [S1-253157r2](file:///C:\Users\Public\Documents\SA1%23111_Gothenburg\docs\S1-253157r2.zip) | FirstNet, DISA, AT&T | pCR on Use Case on Spectrum Sensing to Support Disaster Recovery | Noted | Revision of S1-253157r1. |
| Cont | [S1-253182](file:///C:\TSGS1_111_Goteborg\Docs\S1-253182.zip) | NEC Corporation (ARIB) | Use case on intent-based orchestration of services in service hosting environment for 6G | Revised to S1-253182r1 |  |
| Cont | [S1-253182r1](file:///C:\Users\Public\Documents\SA1%23111_Gothenburg\docs\S1-253182r1.zip) | NEC Corporation (ARIB) | Use case on intent-based orchestration of services in service hosting environment for 6G | Moved to 8.1.3 | Revision of S1-253182. |
| Cont | [S1-253197](file:///C:\TSGS1_111_Goteborg\Docs\S1-253197.zip) | CATT | Update W.1 UC on computing service for XR gaming acceleration | Revised to S1-253197r1 |  |
| Cont | [S1-253197r1](file:///C:\Users\Public\Documents\SA1%23111_Gothenburg\docs\S1-253197r1.zip) | CATT | Update W.1 UC on computing service for XR gaming acceleration | Revised to S1-253384 | Revision of S1-253197. |
| Cont | [S1-253384](file:///C:\TSGS1_111_Goteborg\docs\S1-253384.zip) | CATT | Update W.1 UC on computing service for XR gaming acceleration | Approved | The same as S1-253197r1. |
| Cont | [S1-253251](file:///C:\TSGS1_111_Goteborg\Docs\S1-253251.zip) | ZTE Corporation | Use case on supporting uplink content caching in 3GPP network | Noted |  |
| Cont | [S1-253359](file:///C:\TSGS1_111_Goteborg\Docs\S1-253359.zip) | Qualcomm France | Use case on joint QoS handling for 6G Service | Revised to S1-253359r1 | Proposed text is about clause 9 but submitted for clause 5  Moved from 8.1.9 |
| Cont | [S1-253359r1](file:///C:\TSGS1_111_Goteborg\docs\S1-253359r1.zip) | Qualcomm France | Use case on joint QoS handling for 6G Service | Revised to S1-253359r2 | Revision of S1-253359. |
| Cont | [S1-253359r2](file:///C:\Users\Public\Documents\SA1%23111_Gothenburg\docs\S1-253359r2.zip) | Qualcomm France | Use case on joint QoS handling for 6G Service | Moved to 8.1.6 | Revision of S1-253359r1. |
| Cont | [S1-253340](file:///C:\TSGS1_111_Goteborg\Docs\S1-253340.zip) | Lenovo, Motorola Mobility | Updates to localized network access | Moved to 8.1.8 |  |
| FS\_6G-Req Output | | | | | |
| TR | S1-253370 | Rapporteur (China Mobile, TMobile-USA) | TR 22.870v0.4.0 Study on 6G Use Cases and Service Requirements |  | First draft by Friday 5th Sept 23:00 UTC  Comments till Thursday 11th Sept 23:00 UTC  Final vers. by Friday 12th Sept 23:00 UTC |
| Other technical contributions | | | | | |
|  |  |  |  |  |  |
| Other non-technical contributions | | | | | |
|  |  |  |  |  |  |
| Work Item/Study Item progress | | | | | |
| Session information outputs | | | | | |
| REP | [S1-253371](file:///C:\TSGS1_111_Goteborg\Docs\S1-253371.zip) | Drafting Chair | Report for FRMCS\_Ph6 + Massive Com + Others | Agreed |  |
| REP | [S1-253372](file:///C:\TSGS1_111_Goteborg\Docs\S1-2523372.zip) | Drafting Chair | Report for 6G System and Operation Aspects |  |  |
| REP | [S1-253373](file:///C:\TSGS1_111_Goteborg\Docs\S1-253373.zip) | Drafting Chair | Report for AI | Revised to S1-253573 |  |
| REP | [S1-253573](file:///C:\TSGS1_111_Goteborg\docs\S1-253573.zip) | Drafting Chair | Report for AI |  | Revision of S1-253373.  To mark the not treated contributions as not handled |
| REP | [S1-253374](file:///C:\TSGS1_111_Goteborg\Docs\S1-253374.zip) | Drafting Chair | Report for Sensing + Immersive | Revised to S1-253377 |  |
| REP | [S1-253377](file:///C:\TSGS1_111_Goteborg\docs\S1-253377.zip) | Drafting Chair | Report for Sensing + Immersive |  | Revision of S1-253374. |
| REP | [S1-253376](file:///C:\TSGS1_111_Goteborg\Docs\S1-253376.zip) | Drafting Chair | Report for Ubiquitous | Agreed |  |
| REP | [S1-253375](file:///C:\TSGS1_111_Goteborg\Docs\S1-253375.zip) | Drafting Chair | Report for Verticals |  |  |
| Work Item/Study Item status update | | | | | |
| REP | [S1-253378](file:///C:\TSGS1_111_Goteborg\Docs\S1-253378.zip) | UIC | FRMCS\_Ph6 – Status report |  |  |
| REP | [S1-253379](file:///C:\TSGS1_111_Goteborg\Docs\S1-253379.zip) | China Mobile, T-Mobile USA | FS\_6G – Status report |  |  |
| Next meetings (calendar) | | | | | |
| **2025 meetings:**  SA1#112 17-21 Nov 2025 Dallas, USA  **2026 meetings:**  SA1#113 09-13 Feb 2026 India, location TBD  SA1#114 18-22 May 2026 China, location TBD  SA1#115 24-28 Aug 2026 Prague, Czech Republic  SA1#116 16-20 Nov 2026 Calgary, Canada | | | | | |
| Any other business | | | | | |
| Cont | [S1-253008](file:///C:\TSGS1_111_Goteborg\Docs\S1-253008.zip) | SA1 Chair & MCC | Proposed steps after SA1#111 | Revised to S1-253008r1 | Moved from 1.1 |
| Cont | [S1-253008r1](file:///C:\TSGS1_111_Goteborg\docs\S1-253008r1.zip) | SA1 Chair & MCC | Proposed steps after SA1#111 |  | Revision of S1-253008. |
| Close of the meeting | | | | | |
| Close latest by 16:00 CET on Friday 29 August 2025 | | | | | |

**General meeting information:**

According to S1-252010, SA1#111 is the last for proposing new use cases on the 6G study.

Companies are encouraged to bring not more than 10 6G-related new use cases per company. 6G contributions aiming to remove editor’s note, improve existing use cases in the TR or any discussion papers, are out of this recommendation. Please use the “6G TR22.870 Rapporteurs list with pending topics.xls” as a reference.

According to SA guidance SA1 is expected to prioritise Rel-20 6G study for completion by March 2026. This does not preclude 5GA items to be discussed if time is available.

We will use the local ftp server 10.10.10.10:

Remote participants will have access to the local ftp server.

MS Teams will be used to support remote participation:

* Remote participants are only in listening mode.
* There will be one MS Teams instance for the main meeting room.
* MS Teams links will be provided via email to only to delegates registered for SA1#111 as remote participants.

Delegates can use the DRAFT folder of the local ftp server to share drafts.

Email discussion can be used to progress discussions, but:

* Comments given in emails are not considered part of the meeting and cannot prevent agreement of a contribution.

Document Handling

According to 3GPP rules, a CR is subject to agreement at working group level (approved at SA plenary) and pCR is subject to approval directly at working group level (no need for SA approval). LS is subject to approval directly at working group level. SIDs/WIDs are subject to agreement at working group level (approved at SA plenary).

To maximize the efficiency of documents handling, the following guidelines apply:

* Incoming LSs where SA1 is in copy will have limited online presentation, unless specifically requested.
* Contribution Presenters shall assume that the delegates have read the contributions. As such, presenters are requested to make quick presentation to allow time for discussion. When presenting revisions, only the changes shall be presented.
* The goal is to handle 15 Tdocs per session (1.5 hours for each session).

Revisions will be handled in the following way:

* The Session Chair assigns a revision tdoc number for the revision by using the existing tdoc number and adding “r1” (or “r2”, “r3” …) at the end.
* The delegate can also request a revision tdoc number for the revision.
* Revisions must be uploaded to the INBOX of the local ftp server 10.10.10.10.
* Once a document reaches consensus, the session Chair assigns a new tdoc number (without any “rx”) and marks it as agreed/approved.

Best Practices

* It is strongly recommended to download documents before the meeting.
* It is strongly recommended **NOT** to share attachments over the email reflector but instead place any document that must be shared in the inbox or in the DRAFTs folder and share only the URL.
  + Before the meeting, the “inbox” and draft” folders are under the respective meeting folder on the 3GPP portal.
  + During the meeting, these folders are on the local server, at 10.10.10.10

Drafting sessions

There will be at most two drafting sessions scheduled in parallel. Drafting sessions will run over a maximum of 4 days and can be scheduled on Monday afternoon, Tuesday, Wednesday and potentially parts of Thursday. The allocation of parallel sessions will be determined after the tdoc submission deadline. How much of the meeting that will use parallel sessions depends on the amount of input documents and the progress during the meeting. Delegates must be aware that the agenda can be adjusted at any time.

The objective of all sessions (i.e. drafting 1 session and drafting 2 session) is to review input contributions for the respective agenda items, after which the corresponding session will conclude. Revisions are encouraged to be handled in parallel sessions. Documents unable to be handled in the parallel sessions (e.g. due to time constraints or to the interest of all delegates) will be handled in the main sessions without a scheduled parallel session.

Authority of the parallel sessions

The parallel sessions are authorized to:

* handle any type of document and propose agreement/approval for them (after potential revisions, as described in the paragraph above).
  + The documents proposed to be agreed/ approved by the parallel sessions will be submitted to SA1 plenary sessions for SA1 official agreement/approval.

The parallel sessions are **not** authorized to:

* agree to WID/SID proposals
* approve Outgoing LSs, unless explicitly authorized to do so in exceptional circumstances
* create Working Agreements

Review of parallel drafting sessions outcomes

* When all parallel sessions have been concluded, the SA1 Chair will ask in the main session whether there are any concerns with the decisions of the Tdocs from the parallel sessions. If no concerns are expressed, the outcomes from parallel drafting sessions will be considered final.

Additional points

The MCC support (Mr. Alain Sultan) will be dedicated to the plenary session. The MCC will allocate a range of Tdoc numbers to the drafting sessions and the drafting sessions Chairs will be able to allocate new Tdoc numbers (for pre-agreed CRs or pre-approved pCRs). Delegates are requested to ask for revision Tdoc numbers (new number after “r”) from the person chairing the agenda item where the topic is allocated.

There will be no detailed reporting from the drafting sessions. However, in order to get some indication of agreements or controversial/blocking points, the drafting session Chair will record brief notes in drafting session Chair notes. These notes will be stored regularly in the local server. The merge of agendas and notes from the parallel drafting sessions will be done at the conclusion of all parallel drafting sessions, and this will form the basis of the Chair Notes for the rest of the meeting.