3GPP TSG-SA WG1 Meeting SA1#96-e S1-214001

Electronic Meeting, 08-18 Nov 2021

Title: 2nd Draft Agenda for SA1#96-e

Ag. Item: 1.1

Source: SA1 Chairperson

Contact: Jose Almodovar

Submission Guidelines

* **Submission deadlines:**
  1. Tdoc **number** and **CR number** requests:     **Friday,** 29 October 2021, 23:00 UTC
  2. Document **submission**:                                **Friday,** 29 October 2021, 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#92e)
* Please use the document templates available at <https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_96e_ElectronicMeeting/templates>
* For CRs:
  + **TEI16 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 secretary BEFORE being submitted
  + **CRs MUST have a Work Item code**, and the WI code must be valid for the specific release (i.e. Rel-14 CR with Rel-13 WI is not permitted)
  + Work Item Codes for the CRs are available at <http://www.3gpp.org/ftp/Specs/html-info/FeatureListFrameSet.htm>
  + SA1-specific WI codes are available at <http://www.3gpp.org/ftp/Specs/html-info/TSG-WG--s1--wis.htm>

**LEGEND**

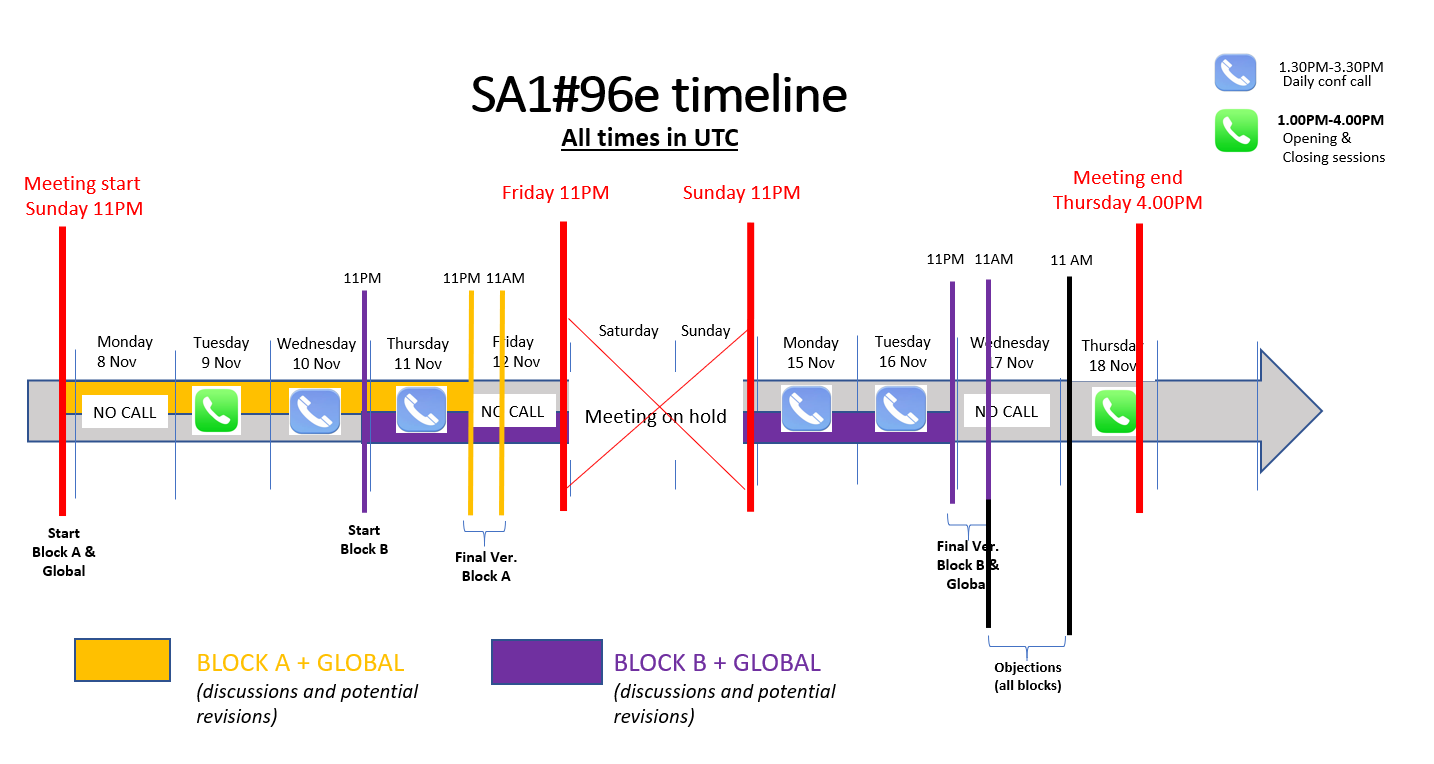
**Doc Type**: AGE (Agenda), CC (Incoming Liaison Statement Copied to SA1), Cont (Contribution), CR (Change request), , LS OUT(Outgoing Liaison Statement), SID (Study Item Description), TO (Incoming Liaison Statement To SA1), TR (Technical Report), TS (Technical Specification), REP (Report), WID (Work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

**Conclusion**: Agreed, Approved, Revised to S1-16xxxx, Noted, Replied to, Withdrawn, Moved to section xxx, Rejected, Postponed, Email Approval, Not Handled, Unallocated, Drafting

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| CR | S1-19xxxx | Source | Title | Withdrawn |  |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

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| --- | --- | --- |
| **Global** | **Block A** | **Block B** |
| Reports (Sec. 2) | *AMMT+FS\_AMMT* | *Pirates+FS\_PIN* |
| LSs (Sec. 3) | *SEI+FS\_SEI* | *VMR* |
| WIDs (Sec. 4) | *TACMM* | *5GET* |
| Q.CR (Sec. 5) | *PALS* | *FS\_RAILSS*  *FS\_OffNetRail*  *FS\_eFRMCS* |
| Rel-17 and earlier (Sec.6) | Rest Section (7.12) |

**SA1#96e Timeline & Blocks**



|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Opening of the meeting | | | | | | |
| Opening of the meeting at 23:00 UTC on Sunday 10 November 2021 | | | | | | |
| Guidelines e-meeting | | | | | | |
| Delegates can find the guidelines that will be followed during SA1#96e in the following [link](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_96e_EM_Nov2021/invitation/E-meeting-procedures-SA1%2396e_S1-214006r1.docx). | | | | | | |
| Agenda and scheduling | | | | | | |
| AGE | [S1-214000](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214000.zip) | SA1 Chairperson | Draft agenda for SA1#94e | Agreed | |  |
| AGE | [S1-214001](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214001.zip) | SA1 Chairperson | 2nd Draft agenda for SA1#96e | Agreed | |  |
| IPR, antitrust and competition laws | | | | | | |
|  | | **IPR call reminder**  I draw your attention to your obligations under the 3GPP Partner Organizations’ IPR policies. Every Individual Member organization is obliged to declare to the Partner Organization or Organizations of which it is a member any IPR owned by the Individual Member or any other organization which is or is likely to become essential to the work of 3GPP.  Delegates are asked to take note that they are thereby invited:   * to investigate whether their organization or any other organization owns IPRs which were, or were likely to become Essential in respect of the work of 3GPP. * to notify their respective Organizational Partners of all potential IPRs, e.g., for ETSI, by means of the IPR Information Statement and the Licensing declaration forms.   **Antitrust policy Reminder**  I also draw your attention to the fact that 3GPP activities are subject to all applicable antitrust and competition laws and that compliance with said laws is therefore required of any participant of this WG meeting including the Chairperson and Vice Chairperson. In case of question I recommend that you contact your legal counsel.  The leadership shall conduct the present meeting with impartiality and in the interests of 3GPP.  Furthermore, I would like to remind you that timely submission of work items in advance of TSG/WG meetings is important to allow for full and fair consideration of such matters. | | | |  |
| Previous SA1 meeting report | | | | | | |
| The report of the last meeting will be approved at the start of the meeting. | | | | | | |
| REP | [S1-214004](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214004.zip) | ETSI | Draft minutes of SA1#95e | Revised to S1-214005 | |  |
| REP | [S1-214005](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214005.zip) | ETSI | Minutes of SA1#95e | Agreed | | Revision of S1-214004. |
| 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> | | | | | | |
| Information for rapporteurs | | | | | | |
| "Beginner's guide" for writing a new TS/TR is available at <http://www.3gpp.org/specifications-groups/delegates-corner/writing-a-new-spec> (feedback on content is welcome!)  For detailed drafting guidelines, please see [TR 21.801](http://www.3gpp.org/DynaReport/21801.htm)  Rapporteurs are expected to produce a work item/study item status report for the end of the meeting under agenda item 9.2. The template is available [here](http://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_85_Tallin/templates/Template_WI_Status_Update.zip).  For draft TR/TS, the rapporteur is expected to update the draft TR/TS with all contributions agreed at the meeting before the meeting is closed. | | | | | | |
| Working agreements | | | | | | |
| None | | | | | | |
| Vice Chairs Elections e-Thread: [SA1#96e, Elections] | | | | | | |
| During the 3GPP SA1#96e meeting there will be elections for 3GPP SA1 Vice Chair positions.  Known candidates are currently: [Xu Xia](https://www.3gpp.org/ftp/webExtensions/elections/SA/SA1/Election_November_2021/SA1_%20Xia_VC.pdf) (China Telecom), [Yusuke Nakano](https://www.3gpp.org/ftp/webExtensions/elections/SA/SA1/Election_November_2021/SA1_NAKANO_VC.pdf) (KDDI) and [Mark Younge](https://www.3gpp.org/ftp/webExtensions/elections/SA/SA1/Election_November_2021/SA1_YOUNGE_VC.pdf) (T-Mobile USA) | | | | | | |
| Cont | [S1-214009](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214009.zip) | ETSI MCC | Voting Tool User Guide | Noted | |  |
| Cont | [S1-214198](C:\\Users\\almodovarchicojl\\Desktop\\TSGS1_96e_EM_Nov2021\\docs\\S1-214198.zip) | SA1 chairperson/ ETSI MCC | Schedule for Vice Chairs election SA1#96e | Noted | | Available by the start of SA1#96e |
| Reports and action items e-Thread: [SA1#96e, Reports] | | | | | | |
| REP | [S1-214003](file:///C:\\Users\\almodovarchicojl\\Desktop\\TSGS1_96e_EM_Nov2021\\docs\\S1-214003.zip) | SA1 chairperson | SA1-related topics at SA#93e | Revised to S1-214199 | |  |
| REP | [S1-214199](file:///C:\Users\almodovarchicojl\AppData\Local\Microsoft\Windows\INetCache\Content.Outlook\4X01MLKO\docs\S1-214199.zip) | SA1 chairperson | SA1-related topics at SA#93e | Noted | | *Same as 4003r1*  Revision of S1-214003. |
| REP | [S1-214007](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214007.zip) | ETSI MCC | Work Plan presentation for SA1#96e | Noted | |  |
| Cont | [S1-214195](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214195r7.zip) | SA1 chairperson | SA1 Rel-18 Normative Work - with indications of possible RAN impact - | Revised to S1-214232 | | **4195r7 will be sent to RAN plenary** |
| Cont | [S1-214232](https://etsihq-my.sharepoint.com/personal/alain_sultan_etsi_org/Documents/Documents/3GPP/SA1/2021/SA1_96e/docs/S1-214232.zip) | SA1 chairperson | SA1 Rel-18 Normative Work - with indications of possible RAN impact - | Noted | | Same as 4195r7  **Revision of S1-214195.** |
| Cont | [S1-214196](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214196.zip) | SA1 chairperson | Rel-19 timeline proposal | Endorsed | | 4196r1 is endorsed ( “proposed”, remove line and check SP-211141) |
| **Guidelines & others** | | | | | | |
| Cont | [S1-214006](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214006.zip) | SA1 chairperson/ ETSI MCC | Guidelines for SA1#96e (e-meeting) | Noted | |  |
| Cont | [S1-214008](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214008.zip) | ETSI MCC | MCC reminder on rules for writing CRs | Noted | |  |
| Cont | [S1-214197](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214197.zip) | SA1 chairperson | Preparations for SA1#96e | Noted | | Slides presented during the call of 18/10/21 |
| Liaison Statements (including related contributions) | | | | | | |
| **Steering of Roaming and Intersystem change e-Thread: [SA1#96e, LS S1-214171]** | | | | | | |
| TO | [S1-214171](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214171.zip) | C1-214780 | LS on Steering of Roaming and Intersystem change | Replied To | | Reply in 4213 |
| OUT | [S1-214104](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214104r2.zip) | Samsung | [Draft] Reply LS on Steering of Roaming and Intersystem change | Revised to S1-214213 | | 4104r3 (no track changes and no DRAFT) |
| OUT | [S1-214213](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214213.zip) | Samsung | [Draft] Reply LS on Steering of Roaming and Intersystem change | Agreed | | *4104r3 (no track changes and no DRAFT)*  Revision of S1-214104.  Same as 4104r3. |
| Cont | [S1-214105](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214105.zip) | Samsung | Discussion on Steering of Roaming at inter-System change | Noted | |  |
| **UE configuration for warning messages reception when using a PLMN subscription to access an SNPN e-Thread: [SA1#96e, LS S1-214173]** | | | | | | |
| TO | [S1-214173](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214173.zip) | C1-214953 | LS on UE configuration for warning messages reception when using a PLMN subscription to access an SNPN | Replied to | | Reply in 4233 |
| OUT | [S1-214066](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214066r1.zip) | Qualcomm | Reply LS on UE PWS parameters storage for SNPN | Revised to S1-214233 | | **4066r2 agreed (stored in the USIM, we still need to fix the dates of next meetings)** |
| OUT | [S1-214233](https://etsihq-my.sharepoint.com/personal/alain_sultan_etsi_org/Documents/Documents/3GPP/SA1/2021/SA1_96e/docs/S1-214233.zip) | Qualcomm | Reply LS on UE PWS parameters storage for SNPN | Agreed | | Same as 4066r2  **Revision of S1-214066.** |
| **Applying Network Slicing feature in Rel-17 and Rel-16 e-Thread: [SA1#96e, LS S1-214175]** | | | | | | |
| TO | [S1-214175](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214175.zip) | C1-215137 | LS on the scope of applying Network Slicing feature in Rel-17 and Rel-16 | Replied to | | Reply in 4234 |
| OUT | [S1-214044](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214044r3.zip) | Nokia, Nokia Shanghai Bell | LS on the scope of applying Network Slicing feature in Rel-17 and Rel-16 | Revised to S1-214234 | | **4044r3 agreed (we still need to fix the dates of next meetings)** |
| OUT | [S1-214234](https://etsihq-my.sharepoint.com/personal/alain_sultan_etsi_org/Documents/Documents/3GPP/SA1/2021/SA1_96e/docs/S1-214234.zip) | Nokia, Nokia Shanghai Bell | LS on the scope of applying Network Slicing feature in Rel-17 and Rel-16 | Agreed | | *Same as 4044r3*  **Revision of S1-214044.** |
| CR | [S1-214045](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214045r7.zip) | Nokia, Nokia Shanghai Bell, Phillips International B.V. | V16.15.0 Clarification of NPN in 22.261 | Revised to S1-214235 | | *WI code* TEI16, eCAV *Rel-16 CR0584R- Cat F*  **4045r7 agreed** |
| CR | [S1-214235](https://etsihq-my.sharepoint.com/personal/alain_sultan_etsi_org/Documents/Documents/3GPP/SA1/2021/SA1_96e/docs/S1-214235.zip) | Nokia, Nokia Shanghai Bell, Phillips International B.V. | 22.261V16.15.0 Clarification of NPN in 22.261 | Agreed | | *WI code TEI16, eCAV Rel-16 CR0584R- Cat F*  *Same as 4045r7*  Revision of S1-214045. |
| CR | [S1-214046](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214046.zip) | Nokia, Nokia Shanghai Bell, Phillips International B.V. | V17.8.0 Clarification of NPN in 22.261 | Revised to S1-214236 | | *WI code* TEI16, eCAV *Rel-17 CR0585R- Cat A*  **4046r7 agreed** |
| CR | [S1-214236](https://etsihq-my.sharepoint.com/personal/alain_sultan_etsi_org/Documents/Documents/3GPP/SA1/2021/SA1_96e/docs/S1-214236.zip) | Nokia, Nokia Shanghai Bell, Phillips International B.V. | 22.261V17.8.0 Clarification of NPN in 22.261 | Agreed | | *WI code TEI16, eCAV Rel-17 CR0585R- Cat A*  *Same as 4046r7*  Revision of S1-214046. |
| CR | [S1-214214](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214214.zip) | Nokia, Nokia Shanghai Bell, Phillips International B.V. | V18.4.0 Clarification of NPN in 22.261 | Revised to S1-214237 | | *WI code* TEI16, eCAV *Rel-18 CR0628R- Cat A*  ***4214r3* agreed** |
| CR | [S1-214237](https://etsihq-my.sharepoint.com/personal/alain_sultan_etsi_org/Documents/Documents/3GPP/SA1/2021/SA1_96e/docs/S1-214237.zip) | Nokia, Nokia Shanghai Bell, Phillips International B.V. | 22.261V18.4.0 Clarification of NPN in 22.261 | Agreed | | *WI code TEI16, eCAV Rel-18 CR0628R- Cat A*  *Same as 4214r3*  Revision of S1-214214. |
| OUT | [S1-214119](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214119.zip) | China Mobile | LS Response on the scope of applying Network Slicing feature in Rel-17 and Rel-16 | Noted | |  |
| **SA1 clarifications on problematic UAV e-Thread: [SA1#96e, LS S1-214191]** | | | | | | |
| TO | [S1-214191](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214191.zip) | S1-211273/ GSMA ACJA LS\_UAV | 3GPP SA1 clarifications on problematic UAV | Replied to | | *Postponed from SA1#94e, SA1#95e*  Reply in 4238 |
| TO | [S1-214192](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214192.zip) | S2-214916 | Reply LS to GSMA-ACJA: 3GPP SA1 clarifications on problematic UAV | Noted | | *Postponed from SA1#95e* |
| TO | [S1-214183](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214183.zip) | S2-214916 | Reply LS to GSMA-ACJA: 3GPP SA1 clarifications on problematic UAV | Noted | |  |
| OUT | [S1-214025](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214025r2.zip) | Huawei | Reply LS on 3GPP SA1 clarifications on problematic UAV | Revised to S1-214238 | | **4025r3 agreed (accept the changes and fix meetings dates)** |
| OUT | [S1-214238](https://etsihq-my.sharepoint.com/personal/alain_sultan_etsi_org/Documents/Documents/3GPP/SA1/2021/SA1_96e/docs/S1-214238.zip) | Huawei | Reply LS on 3GPP SA1 clarifications on problematic UAV | Agreed | | *Same as 4025r3*  **Revision of S1-214025.** |
| Cont | [S1-214023](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214023.zip) | Huawei | 3GPP SA1 clarifications on problematic UAV | Noted | |  |
| CR | [S1-214024](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214024r1.zip) | Huawei | 22.125v17.4.0 Addition of a note to [R-5.1-017] related to the applicability of the requirement | Revised to S1-214239 | | *WI code* ID\_UAS *Rel-17 CR0041R- Cat C*  **4024r1 agreed** |
| CR | [S1-214239](https://etsihq-my.sharepoint.com/personal/alain_sultan_etsi_org/Documents/Documents/3GPP/SA1/2021/SA1_96e/docs/S1-214239.zip) | Huawei | 22.125v17.4.0 Addition of a note to [R-5.1-017] related to the applicability of the requirement | Revised to S1-214311 | | *WI code ID\_UAS Rel-17 CR0041R- Cat C*  *Same as 4024r1*  Revision of S1-214024. |
| CR | [S1-214311](docs\S1-214311.zip) | Huawei | 22.125v17.4.0 Addition of a note to [R-5.1-017] related to the applicability of the requirement | Agreed (NEW #tdoc) | | *WI code ID\_UAS Rel-17 CR0041R- Cat C*  *Same as 4024r1*  *Revision of S1-214024.*  Revision of S1-214239 |
| OUT | [S1-214063](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214063.zip) | Qualcomm | Reply LS on problematic UAVs | Noted | |  |
| CR | [S1-214064](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214064.zip) | Qualcomm | 22.125v17.4.0 CR on problematic UAVs | Noted | | *WI code* ID\_UAS *Rel-17 CR0042R- Cat F* |
| TO | [S1-214177](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214177.zip) | GSMA ACJA | 3GPP SA1 clarifications on problematic UAV | Withdrawn | |  |
| **Emergency Communication Improvement e-Thread: [SA1#96e, LS S1-214180]** | | | | | | |
| TO | [S1-214180](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214180.zip) | GSMA NRG 012\_200r1 | LS from NRG to 3GPP on Emergency Communication Improvement | Replied to | | Reply in 4240 |
| OUT | [S1-214201](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214201.zip) | Orange | Draft LS from NRG to 3GPP on Emergency Communication Improvement | Noted | |  |
| WID | [S1-214159](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214159r1.zip) | Orange | New WID on Emergency Short Message Service | Noted | | Need 4 supporting companies  Moved from 4 |
| CR | [S1-214169](C:\\Users\\almodovarchicojl\\Desktop\\TSGS1_96e_EM_Nov2021\\docs\\S1-214169r1.zip) | Orange | 22.101v18.2.0 Emergency SMS requirements | Noted | | *WI code TEI18 Rel-18 CR0580R- Cat B*  *Wrong WI code*  *Moved from 4* |
| OUT | [S1-214204](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214204r4.zip) | Deutsche Telekom | Proposed answer to S1-214180 | Revised to S1-214240 | | **4204r4 agreed (we still need to fix the dates of next meetings)** |
| OUT | [S1-214240](https://etsihq-my.sharepoint.com/personal/alain_sultan_etsi_org/Documents/Documents/3GPP/SA1/2021/SA1_96e/docs/S1-214240.zip) | Deutsche Telekom | Proposed answer to S1-214180 | Agreed | | *Same as 4204r4*  **Revision of S1-214204.** |
| **Support of PWS over SNPN e-Thread: [SA1#96e, LS S1-214186]** | | | | | | |
| TO | [S1-214186](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214186.zip) | S3-213609 | Reply to LS on support of PWS over SNPN | Replied To | | Reply in 4049 |
| OUT | [S1-214049](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214049.zip) | Nokia, Nokia Shanghai Bell | Reply to LS on support of PWS over SNPN | Agreed | |  |
| OUT | [S1-214138](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214138.zip) | Apple | Reply to LS on support of PWS over SNPN | Noted | |  |
| Cont | [S1-214133](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214133.zip) | Apple | Discussion paper on security requirements in PWS in NPN | Noted | |  |
| CR | [S1-214136](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214136.zip) | Apple | 22.261v17.8.0 Security requirement for PWS in NPN | Noted | | *WI code NPN*\_PWS *Rel-17 CR0612R- Cat F* |
| CR | [S1-214137](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214137.zip) | Apple | 22.261v18.4.0 Security requirement for PWS in NPN | Noted | | *WI code NPN*\_PWS *Rel-18 CR0613R- Cat A* |
| **Indication of country of UE location and its use in PLMN selection** | | | | | | |
| TO | [S1-214193](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214193.zip) | C1-214778 | Indication of country of UE location and its use in PLMN selection | Replied To | | **e-Thread: [SA1#96e, LS S1-214193]**  *Postponed from SA1#95e*  Reply in 4208 |
| OUT | [S1-214048](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214048.zip) | Nokia, Nokia Shanghai Bell | Reply LS on Indication of country of UE location and its use in PLMN selection | Noted | | **e-Thread: [SA1#96e, LS S1-214193]** |
| Cont | [S1-214047](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214047.zip) | Nokia, Nokia Shanghai Bell | Discussion on CT1 LS: Indication of country of UE location and its use in PLMN selection | Noted | |  |
| OUT | [S1-214112](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214112.zip) | TNO | Reply LS on indication of country of UE location and its use in PLMN selection | Revised to S1-214208 | | **e-Thread:** **[SA1#96e, LS S1-214193]**  *4112r3 agreed* |
| OUT | [S1-214208](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214208.zip) | TNO | Reply LS on indication of country of UE location and its use in PLMN selection | Agreed | | ***e-Thread: [SA1#96e, LS S1-214193]***  **Revision of S1-214112.**  *Same as S1-214112r3* |
| OUT | [S1-214203](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214203.zip) | TNO | LS on Periodic PLMN selection with Shared MCCs | Revised to S1-214207 | | **e-Thread: [SA1#96e, LS S1-214203]**  *4203r1 agreed* |
| OUT | [S1-214207](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214207.zip) | TNO | LS on Periodic PLMN selection with Shared MCCs | Agreed | | ***e-Thread: [SA1#96e, LS S1-214203]***  **Revision of S1-214203.**  Same as S1-21*4203r1* |
| CR | [S1-214074](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\Docs\S1-214074.zip) | KPN, TNO | 22.011v17.4.0 Periodic network selection with shared MCC | Revised to S1-214209 | | **e-Thread: [SA1#96e, LS S1-214203]**  *WI code*  *Rel-17 CR0326R- Cat F*  *Moved from 6.1*  *4074r2 agreed* |
| CR | [S1-214209](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214209.zip) | KPN, TNO | 22.011v17.4.0 Periodic network selection with shared MCC | Agreed | | ***e-Thread: [SA1#96e, LS S1-214203]***  *WI code 5GSAT Rel-17 CR0326R- Cat F*  *Moved from 6.1*  **Revision of S1-214074.**  *Same as S1-214074r2* |
| CR | [S1-214115](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\Docs\S1-214115.zip) | KPN, TNO | 22.011v18.0.0 Periodic network selection with shared MCC | Revised to S1-214210 | | **e-Thread: [SA1#96e, LS S1-214203]**  *WI code*  *Rel-18 CR0327R- Cat A*  *Moved from 6.1*  *4115r2 agreed* |
| CR | [S1-214210](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214210.zip) | KPN, TNO | 22.011v18.0.0 Periodic network selection with shared MCC | Agreed | | ***e-Thread: [SA1#96e, LS S1-214203]***  *WI code 5GSAT Rel-18 CR0327R- Cat A*  *Moved from 6.1*  **Revision of S1-214115.**  *Same as S1-214115r2* |
| CR | [S1-214160](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214160.zip) | Apple | 22.011v17.4.0 Clarification of one MCC representing multiple political entities | Merge into 4074r2 | | **e-Thread: [SA1#96e, LS S1-214203]**  *WI code 5GSAT Rel-17 CR0328R- Cat F* |
| CR | [S1-214161](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214161.zip) | Apple | 22.011v18.0.0 Clarification of one MCC representing multiple political entities | Merge into 4115r2 | | **e-Thread: [SA1#96e, LS S1-214203]**  *WI code 5GSAT Rel-18 CR0329R- Cat A* |
| **Inco****ming LSs proposed to be noted [CC and others] e-Thread: [SA1#96e, LS ToNote]** | | | | | | |
| TO | [S1-214170](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214170.zip) | AIOTI | Announcing the release of the “IoT and Edge Computing impact on Beyond 5G: enabling technologies and challenges” to 3GPP SA1 | Noted | |  |
| TO | [S1-214190](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214190.zip) | SP-211140 | Reply LS on Inclusive language review | Noted | |  |
| CC | [S1-214187](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214187.zip) | S6-211496] | LS on new SID on Application Enablement for Data Integrity Verification Service in IOT | Noted | | *Postponed from SA1#95e* |
| CC | [S1-214172](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214172.zip) | C1-214882 | LS on Private call forwarding | Noted | |  |
| CC | [S1-214174](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214174.zip) | C1-215046 | Reply LS on limited service availability of an SNPN | Noted | |  |
| CC | [S1-214176](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214176.zip) | C1-216096 | Reply LS on limited service availability of an SNPN | Noted | |  |
| CC | [S1-214179](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214179.zip) | Automotive Edge Computing Consortium (AECC) | LS on Prioritized Vehicle to Cloud Technical Solutions | Noted | |  |
| CC | [S1-214181](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214181.zip) | R2-2108928 | LS on Slice list and priority information for cell reselection | Noted | |  |
| CC | [S1-214182](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214182.zip) | R2-2109173 | Reply LS on UAC enhancements for minimization of service interruption when disaster condition applies | Noted | |  |
| CC | [S1-214184](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214184.zip) | S2-2108093 | LS on IMEI for Non-Public Networks/Private Networks without using USIM | Noted | |  |
| CC | [S1-214185](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214185.zip) | S3-213218 | Reply LS for clarification on managing expired or multiple Protection Scheme and Home Network keys used for SUCI calculation | Noted | |  |
| CC | [S1-214189](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214189.zip) | SP-211134 | Reply LS to 5G-ACIA on 5G capabilities exposure for factories of the future | Noted | |  |
| CC | [S1-214178](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214178.zip) | APT Wireless Group | APT report on emerging critical applications & use cases of imt for industrial, societal and enterprise users | Noted | |  |
| CC | [S1-214188](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214188.zip) | ITU-T Working Party 3/13 | LS on information about draft Recommendation ITU-T Y.frd: "Framework and Requirements of Network-oriented Data Integrity Verification Service based on Blockchain in Future Network” | Noted | |  |
| CC | [S1-214194](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214194.zip) | S6-211496 | LS on new SID on Application Enablement for Data Integrity Verification Service in IOT | Withdrawn | | *Postponed from SA1#95e* |
| New Study and Work Items (including related contributions) | | | | | | |
| **Rel-18 WIDs** | | | | | | |
| WID | [S1-214098](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214098.zip) | Vivo | Revised WID on PIN + Resident Service requirements | Agreed | | - No thread needed - |
| WID | [S1-214143](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214143r2.zip) | China Mobile | New WID on support of non-3GPP satellite access for legacy satellite UE not supporting 5GC NAS | Noted | | ***e-Thread: [SA1#96e, NewWID\_R18 – SAT\_NO\_NAS]***  Need 4 supporting companies |
| CR | [S1-214146](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214146r2.zip) | China Mobile | 22.261v18.4.0 Support of non-3GPP satellite access for legacy satellite UE not supporting N1 mode | Noted | | ***e-Thread: [SA1#96e, NewWID\_R18 – SAT\_NO\_NAS]***  *WI code TEI18 Rel-18 CR0616R- Cat B*  *Wrong WI code* |
| WID | [S1-214144](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214144.zip) | Vodafone, BOSCH, BMW Brilliance Automotive, CAICT, CATT, China Mobile, China Telecom, China Unicom, EDF, Futurewei, HiSilicon, Huawei, KPN, Novamint, NTT DOCOMO, Quanray, Spreadtrum | New REl-18 Mini-work item on Passive Internet of Things (Passive IoT) for 5G-Advanced | Noted | | ***e-Thread: [SA1#96e, NewWID\_R18 – Passive\_IoT]*** |
| CR | [S1-214145](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214145r1.zip) | Vodafone, BMW Brilliance Automotive, CAICT, CATT, China Mobile, China Telecom, China Unicom, EDF, Futurewei, HiSilicon, Huawei, KPN, Novamint, NTT DOCOMO, Quanray, Spreadtrum | 22.261v18.4.0 Initial requirements for Passive IoT | Noted | | ***e-Thread: [SA1#96e, NewWID\_R18 – Passive\_IoT]***  *WI code xxx Rel-18 CR0615R- Cat B* |
| CR | [S1-214147](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214147.zip) | Vodafone, BMW Brilliance Automotive, CAICT, CATT, China Mobile, China Telecom, China Unicom, EDF, Futurewei, HiSilicon, Huawei, KPN, Novamint, NTT DOCOMO, Quanray, Spreadtrum | 22.261v18.4.0 Performance requirements for Passive IoT | Noted | | ***e-Thread: [SA1#96e, NewWID\_R18 – Passive\_IoT]***  *WI code xxx Rel-18 CR0617R- Cat B* |
| WID | [S1-214150](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214150.zip) | China Mobile | New WID on enhanced capability for SMS | Noted | | ***e-Thread: [SA1#96e, NewWID\_R18 – eSMS]***  Need 4 supporting companies  **4150r3 approval day** |
| CR | [S1-214151](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214151r8.zip) | China Mobile | 22.261v18.4.0 Enhanced capability for high priority short message delivery | Noted | | ***e-Thread: [SA1#96e, NewWID\_R18 – eSMS]***  *WI code TEI18 Rel-18 CR0618R- Cat B*  **4151r8 approval day** |
| WID | [S1-214159](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214159.zip) | Orange | New WID on Emergency Short Message Service | Moved to 3 | |  |
| CR | S1-214169 | Orange | 22.101v18.2.0 Emergency SMS requirements | Moved to 3 | | *WI code TEI18 Rel-18 CR0618R- Cat B* |
| **Rel- 19 SIDs** | | | | | | |
| SID | [S1-214035](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214035r1.zip) | China Mobile | New SID on Additional capabilities of mobile networks for drone (FS\_DOM) | Revised to S1-214241 | | ***e-Thread: [SA1#96e, NewSID\_R19 – FS\_DOM]*** |
| SID | [S1-214241](https://etsihq-my.sharepoint.com/personal/alain_sultan_etsi_org/Documents/Documents/3GPP/SA1/2021/SA1_96e/docs/S1-214241.zip) | China Mobile | New SID on Additional capabilities of mobile networks for drone (FS\_DOM) | Noted | | ***e-Thread: [SA1#96e, NewSID\_R19 – FS\_DOM]***  **Revision of S1-214035.** |
| SID | [S1-214036](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214036.zip) | China Mobile | New SID on Integrated Sensing and Communication | Revised to S1-214242 | | ***e-Thread: [SA1#96e, NewSID\_R19 – Sensing]*** |
| SID | [S1-214242](https://etsihq-my.sharepoint.com/personal/alain_sultan_etsi_org/Documents/Documents/3GPP/SA1/2021/SA1_96e/docs/S1-214242.zip) | China Mobile | New SID on Integrated Sensing and Communication | Noted | | ***e-Thread: [SA1#96e, NewSID\_R19 – Sensing]***  **Revision of S1-214036.** |
| Cont | [S1-214056](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214056.zip) | Qualcomm | Cooperative Communication and Sensing | Noted | | ***e-Thread: [SA1#96e, NewSID\_R19 – Sensing]*** |
| Cont | [S1-214101](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214101.zip) | Xiaomi | 3GPP based Wireless Sensing Services | Noted | | ***e-Thread: [SA1#96e, NewSID\_R19 – Sensing]*** |
| SID | [S1-214100](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214100r1.zip) | Xiaomi | New SID on 5GS-based enhanced Sensing | Revised to S1-214243 | | ***e-Thread: [SA1#96e, NewSID\_R19 – Sensing]*** |
| SID | [S1-214243](https://etsihq-my.sharepoint.com/personal/alain_sultan_etsi_org/Documents/Documents/3GPP/SA1/2021/SA1_96e/docs/S1-214243.zip) | Xiaomi | New SID on 5GS-based enhanced Sensing | Noted | | ***e-Thread: [SA1#96e, NewSID\_R19 – Sensing]***  **Revision of S1-214100.** |
| Cont | [S1-214062](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214062.zip) | LG Electronics | 5G System Support for Service-Oriented Robots with Human Interactions | Noted | | ***e-Thread: [SA1#96e, NewSID\_R19 – FS\_SOBOT]*** |
| SID | [S1-214061](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214061.zip) | LG Electronics | 5G System Support for Service-Oriented Robots with Human Interactions | Revised to S1-214244 | | ***e-Thread: [SA1#96e, NewSID\_R19 – FS\_SOBOT]*** |
| SID | [S1-214244](https://etsihq-my.sharepoint.com/personal/alain_sultan_etsi_org/Documents/Documents/3GPP/SA1/2021/SA1_96e/docs/S1-214244.zip) | LG Electronics | 5G System Support for Service-Oriented Robots with Human Interactions | Noted | | ***e-Thread: [SA1#96e, NewSID\_R19 – FS\_SOBOT]***  **Revision of S1-214061.** |
| Cont | [S1-214038](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214038.zip) | OPPO | Discussion on Enhanced 5G functionalities for application AI/ML services | Noted | | ***e-Thread: [SA1#96e, NewSID\_R19 – FS\_eAMS]*** |
| SID | [S1-214039](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214039r5.zip) | OPPO | New WID on study on Enhanced 5G functionalities for application AI/ML services | Revised to S1-214245 | | ***e-Thread: [SA1#96e, NewSID\_R19 – FS\_eAMS]*** |
| SID | [S1-214245](https://etsihq-my.sharepoint.com/personal/alain_sultan_etsi_org/Documents/Documents/3GPP/SA1/2021/SA1_96e/docs/S1-214245.zip) | OPPO | New WID on study on Enhanced 5G functionalities for application AI/ML services | Noted | | ***e-Thread: [SA1#96e, NewSID\_R19 – FS\_eAMS]***  **Revision of S1-214039.** |
| Cont | [S1-214076](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214076r1.zip) | China Unicom | Discussion paper of network sharing in 5G | Noted | | ***e-Thread: [SA1#96e, NewSID\_R19 – FS\_NS]*** |
| SID | [S1-214075](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214075r3.zip) | China Unicom | New study on network sharing in 5GS | Revised to S1-214246 | | ***e-Thread: [SA1#96e, NewSID\_R19 – FS\_NS]*** |
| SID | [S1-214246](https://etsihq-my.sharepoint.com/personal/alain_sultan_etsi_org/Documents/Documents/3GPP/SA1/2021/SA1_96e/docs/S1-214246.zip) | China Unicom | New study on network sharing in 5GS | Noted | | ***e-Thread: [SA1#96e, NewSID\_R19 – FS\_NS]***  **Revision of S1-214075.** |
| Cont | [S1-214099](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214099.zip) | Samsung | Mobile Metaverse Services | Noted | | ***e-Thread: [SA1#96e, NewSID\_R19 – FS\_Metaverse]*** |
| SID | [S1-214102](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214102r5.zip) | Samsung | New WID on Feasibility Study on Mobile Multiverse Services | Revised to S1-214247 | | ***e-Thread: [SA1#96e, NewSID\_R19 – FS\_Metaverse]*** |
| SID | [S1-214247](https://etsihq-my.sharepoint.com/personal/alain_sultan_etsi_org/Documents/Documents/3GPP/SA1/2021/SA1_96e/docs/S1-214247.zip) | Samsung | New WID on Feasibility Study on Mobile Multiverse Services | Noted | | ***e-Thread: [SA1#96e, NewSID\_R19 – FS\_Metaverse]***  **Revision of S1-214102.** |
| Cont | [S1-214107](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214107.zip) | China Telecom, CATT | Discussion paper of new SID on enhancing 5G system integrating with satellite | Noted | | ***e-Thread: [SA1#96e, NewSID\_R19 – FS\_e5GSAT]*** |
| SID | [S1-214106](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214106r1.zip) | China Telecom, CATT | New SID on enhancing 5G system integrating with satellite | Revised to S1-214248 | | ***e-Thread: [SA1#96e, NewSID\_R19 – FS\_e5GSAT]*** |
| SID | [S1-214248](https://etsihq-my.sharepoint.com/personal/alain_sultan_etsi_org/Documents/Documents/3GPP/SA1/2021/SA1_96e/docs/S1-214248.zip) | China Telecom, CATT | New SID on enhancing 5G system integrating with satellite | Noted | | ***e-Thread: [SA1#96e, NewSID\_R19 – FS\_e5GSAT]***  **Revision of S1-214106.** |
| Cont | [S1-214108](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214108r2.zip) | China Mobile | Motivation of supporting computing force network | Noted | | ***e-Thread: [SA1#96e, NewSID\_R19 – FS\_CFN]*** |
| SID | [S1-214109](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214109r8.zip) | China Mobile | New SID on supporting computing force network | Revised to S1-214249 | | ***e-Thread: [SA1#96e, NewSID\_R19 – FS\_CFN]*** |
| SID | [S1-214249](https://etsihq-my.sharepoint.com/personal/alain_sultan_etsi_org/Documents/Documents/3GPP/SA1/2021/SA1_96e/docs/S1-214249.zip) | China Mobile | New SID on supporting computing force network | Noted | | ***e-Thread: [SA1#96e, NewSID\_R19 – FS\_CFN]***  **Revision of S1-214109.** |
| Cont | [S1-214135](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214135.zip) | OPPO | Motivation on support Energy Harvesting enabled Communication services in 5GS | Noted | | ***e-Thread: [SA1#96e, NewSID\_R19 – FS\_EHECS]*** |
| SID | [S1-214134](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214134.zip) | OPPO | New SID: Study on Energy Harvesting enabled Communication Services in 5GS | Revised to S1-214250 | | ***e-Thread: [SA1#96e, NewSID\_R19 – FS\_EHECS]*** |
| SID | [S1-214250](https://etsihq-my.sharepoint.com/personal/alain_sultan_etsi_org/Documents/Documents/3GPP/SA1/2021/SA1_96e/docs/S1-214250.zip) | OPPO | New SID: Study on Energy Harvesting enabled Communication Services in 5GS | Noted | | ***e-Thread: [SA1#96e, NewSID\_R19 – FS\_EHECS]***  **Revision of S1-214134.** |
| Cont | [S1-214152](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214152.zip) | Alibaba | Motivation of support Passive IoT in non-public network | Noted | | ***e-Thread: [SA1#96e, NewSID\_R19 – FS\_PINPN]*** |
| SID | [S1-214149](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214149.zip) | Alibaba | Study on Passive IoT in non-public network | Revised to S1-214251 | | ***e-Thread: [SA1#96e, NewSID\_R19 – FS\_PINPN]*** |
| SID | [S1-214251](https://etsihq-my.sharepoint.com/personal/alain_sultan_etsi_org/Documents/Documents/3GPP/SA1/2021/SA1_96e/docs/S1-214251.zip) | Alibaba | Study on Passive IoT in non-public network | Noted | | ***e-Thread: [SA1#96e, NewSID\_R19 – FS\_PINPN]***  **Revision of S1-214149.** |
| Cont | [S1-214127](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214127.zip) | China Telecom | Discussion on Study on Enhanced Relay Communication with High Reliability and High Data Rate | Noted | | ***e-Thread: [SA1#96e, NewSID\_R19 – FS\_eReCoRD]*** |
| SID | [S1-214125](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214125.zip) | China Telecom | New SID on Enhanced Relay Communication with High Reliability and High Data Rate | Revised to S1-214252 | | ***e-Thread: [SA1#96e, NewSID\_R19 – FS\_eReCoRD]*** |
| SID | [S1-214252](https://etsihq-my.sharepoint.com/personal/alain_sultan_etsi_org/Documents/Documents/3GPP/SA1/2021/SA1_96e/docs/S1-214252.zip) | China Telecom | New SID on Enhanced Relay Communication with High Reliability and High Data Rate | Noted | | ***e-Thread: [SA1#96e, NewSID\_R19 – FS\_eReCoRD]***  **Revision of S1-214125.** |
| Cont | [S1-214148](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214148.zip) | Alibaba | Motivation of support Passive IoT in non-public network | Withdrawn | |  |
| Quality improvement contributions Quality improvements to requirements in TRs or TSs are encouraged (pCRs or CRs). In order to allow delegates to provide quality improvement contributions for work/study items where they do not want to attend drafting sessions, contributions submitted to this agenda item are handled in plenary. | | | | | | |
| CR | [S1-214020](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\Docs\S1-214020.zip) | Huawei | 22.261v16.5.0 Editorial corrections to clause 6.23.2 (QoS monitoring) | Agreed | | **e-Thread: [SA1#96e, CR\_Quality- 1]**  *WI code* QoS\_MON *Rel-16 CR0580R- Cat D* |
| CR | [S1-214021](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\Docs\S1-214021.zip) | Huawei | 22.261v17.8.0 Editorial corrections to clause 6.23.2 (QoS monitoring) | Agreed | | **e-Thread: [SA1#96e, CR\_Quality- 1]**  *WI code* QoS\_MON *Rel-17 CR0581R- Cat A* |
| CR | [S1-214022](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\Docs\S1-214022.zip) | Huawei | 22.261v18.4.0 Editorial corrections to clause 6.23.2 (QoS monitoring) | Agreed | | **e-Thread: [SA1#96e, CR\_Quality- 1]**  *WI code* QoS\_MON *Rel-18 CR0582R- Cat A* |
| CR | [S1-214015](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214015r2.zip) | Huawei | 22.125v17.4.0 Editorial correction TS22125 | Revised to S1-214309 | | **e-Thread: [SA1#96e, CR\_Quality- 2]**  *WI code* ID\_UAS *Rel-18 CR0038R- Cat D*  *Moved from 8*  *4015r2 agreed* |
| CR | [S1-214309](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214309.zip) | Huawei | 22.125v17.4.0 Editorial correction TS22125 | Agreed (NEW #tdoc) | | ***e-Thread: [SA1#96e, CR\_Quality- 2]***  *WI code ID\_UAS Rel-18 CR0038R- Cat D*  *Moved from 8*  *4015r2 agreed*  **Revision of S1-214015.** |
| CR | [S1-214043](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\Docs\S1-214043.zip) | KPN | 22.258v18.1.0 Resident consolidated requirements table update | Moved to 7.12 | | *WI code*  *Rel-18 CR0027R- Cat D* |
| Rel-17 and earlier contributions | | | | | | |
| Rel-17 correction and clarification CRs | | | | | | |
| CR | [S1-214016](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\Docs\S1-214016r1.zip) | Huawei | 22.125v17.4.0 Inclusive language | Revised to S1-214253 | | **e-Thread: [SA1#96e, CR\_Rel17- 1]**  *WI code* ID\_UAS *Rel-17 CR0039R- Cat D*  *r2 agreed (no track changes on the cover page)* |
| CR | [S1-214253](https://etsihq-my.sharepoint.com/personal/alain_sultan_etsi_org/Documents/Documents/3GPP/SA1/2021/SA1_96e/docs/S1-214253.zip) | Huawei | 22.125v17.4.0 Inclusive language | Agreed | | ***e-Thread: [SA1#96e, CR\_Rel17- 1]***  *WI code ID\_UAS Rel-17 CR0039R- Cat D*  *Same as 4016r2 a*  **Revision of S1-214016.** |
| CR | [S1-214033](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\Docs\S1-214033.zip) | Huawei, HiSilicon, Nokia, Nokia Shanghai Bell | 22.016v16.0.0 Use of inclusive language to align with SA2 and CT4 | Agreed | | **e-Thread: [SA1#96e, CR\_Rel17- 1]**  *WI code* TEI17 *Rel-17 CR0014R- Cat D* |
| CR | [S1-214017](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\Docs\S1-214017r1.zip) | Huawei | 22.124v17.4.0 Correction and readability improvement | Revised to S1-214254 | | **e-Thread: [SA1#96e, CR\_Rel17- 2]**  *WI code* ID\_UAS *Rel-17 CR0040R- Cat D*  *r2 agreed (no track changes on the cover page)* |
| CR | [S1-214254](https://etsihq-my.sharepoint.com/personal/alain_sultan_etsi_org/Documents/Documents/3GPP/SA1/2021/SA1_96e/docs/S1-214254.zip) | Huawei | 22.124v17.4.0 Correction and readability improvement | Agreed | | ***e-Thread: [SA1#96e, CR\_Rel17- 2]***  *WI code ID\_UAS Rel-17 CR0040R- Cat D*  *Same as 4017r2 agreed*  **Revision of S1-214017.** |
| CR | [S1-214050](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\Docs\S1-214050.zip) | Nokia, Nokia Shanghai Bell, Phillips | 22.261v17.8.0 Clarification of NPN in 22.261 | Revised to S1-214255 | | **e-Thread: [SA1#96e, CR\_Rel17- 3]**  *WI code* TEI17*,*AVPROD *Rel-17 CR0586R- Cat F*  **4050r5 agreed** |
| CR | [S1-214255](https://etsihq-my.sharepoint.com/personal/alain_sultan_etsi_org/Documents/Documents/3GPP/SA1/2021/SA1_96e/docs/S1-214255.zip) | Nokia, Nokia Shanghai Bell, Phillips | 22.261v17.8.0 Clarification of NPN in 22.261 | Agreed | | ***e-Thread: [SA1#96e, CR\_Rel17- 3]***  *WI code TEI17,AVPROD Rel-17 CR0586R- Cat F*  *Same as 4050r5*  **Revision of S1-214050.** |
| CR | [S1-214051](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\Docs\S1-214051r5.zip) | Nokia, Nokia Shanghai Bell, Phillips | 22.261v18.4.0 Clarification of NPN in 22.261 | Revised to S1-214256 | | **e-Thread: [SA1#96e, CR\_Rel17- 3]**  *WI code* TEI17*,*AVPROD *Rel-18 CR0587R- Cat A*  **4051r6 agreed (fix format and capital letters in NOTE 3A)** |
| CR | [S1-214256](https://etsihq-my.sharepoint.com/personal/alain_sultan_etsi_org/Documents/Documents/3GPP/SA1/2021/SA1_96e/docs/S1-214256.zip) | Nokia, Nokia Shanghai Bell, Phillips | 22.261v18.4.0 Clarification of NPN in 22.261 | Agreed | | ***e-Thread: [SA1#96e, CR\_Rel17- 3]***  *WI code TEI17,AVPROD Rel-18 CR0587R- Cat A*  ***Same as 4051r6***  **Revision of S1-214051.** |
| CR | [S1-214052](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\Docs\S1-214052.zip) | Nokia, Nokia Shanghai Bell | 22.284v17.0.0 Change to Annex D on use of IMC | Revised to S1-214257 | | **e-Thread: [SA1#96e, CR\_Rel17- 4]**  *WI code* TEI17 *Rel-17 CR0234R- Cat F*  *4052r3 agreed* |
| CR | [S1-214257](https://etsihq-my.sharepoint.com/personal/alain_sultan_etsi_org/Documents/Documents/3GPP/SA1/2021/SA1_96e/docs/S1-214257.zip) | Nokia, Nokia Shanghai Bell | 22.284v17.0.0 Change to Annex D on use of IMC | Agreed | | ***e-Thread: [SA1#96e, CR\_Rel17- 4]***  *WI code TEI17 Rel-17 CR0234R- Cat F*  *Same as 4052r3*  **Revision of S1-214052.** |
| CR | [S1-214124](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\Docs\S1-214124.zip) | Peraton Labs, CISA ECD, Verizon, AT&T, T-Mobile US | 22.153v17.2.0 Editorial correction of reference | Revised to S1-214258 | | **e-Thread: [SA1#96e, CR\_Rel17- 5]**  *WI code* MPS2 *Rel-17 CR0051R- Cat D*  *4124r2 agreed* |
| CR | [S1-214258](https://etsihq-my.sharepoint.com/personal/alain_sultan_etsi_org/Documents/Documents/3GPP/SA1/2021/SA1_96e/docs/S1-214258.zip) | Peraton Labs, CISA ECD, Verizon, AT&T, T-Mobile US | 22.153v17.2.0 Editorial correction of reference | Agreed | | ***e-Thread: [SA1#96e, CR\_Rel17- 5]***  *WI code MPS2 Rel-17 CR0051R- Cat D*  *Same as 4124r2*  **Revision of S1-214124.** |
| CR | [S1-214126](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\Docs\S1-214126.zip) | Peraton Labs | 22.153v18.0.0 Editorial correction of reference (Rel-18 Mirror) | Revised to S1-214259 | | **e-Thread: [SA1#96e, CR\_Rel17- 5]**  *WI code* MPS2 *Rel-18* *CR0052R- Cat A*  *4126r2agreed* |
| CR | [S1-214259](https://etsihq-my.sharepoint.com/personal/alain_sultan_etsi_org/Documents/Documents/3GPP/SA1/2021/SA1_96e/docs/S1-214259.zip) | Peraton Labs | 22.153v18.0.0 Editorial correction of reference (Rel-18 Mirror) | Agreed | | ***e-Thread: [SA1#96e, CR\_Rel17- 5]***  *WI code MPS2 Rel-18 CR0052R- Cat A*  *Same as 4126r2*  **Revision of S1-214126.** |
| CR | [S1-214128](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\Docs\S1-214128.zip) | Peraton Labs, CISA ECD,Verizon, AT&T, T-Mobile US | 22.153v17.2.0 MPS for DTS description alignment | Revised to S1-214260 | | **e-Thread: [SA1#96e, CR\_Rel17- 5]**  *WI code* MPS2 *Rel-17 CR0053R- Cat F*  4128r2 agreed |
| CR | [S1-214260](https://etsihq-my.sharepoint.com/personal/alain_sultan_etsi_org/Documents/Documents/3GPP/SA1/2021/SA1_96e/docs/S1-214260.zip) | Peraton Labs, CISA ECD,Verizon, AT&T, T-Mobile US | 22.153v17.2.0 MPS for DTS description alignment | Agreed | | ***e-Thread: [SA1#96e, CR\_Rel17- 5]***  *WI code MPS2 Rel-17 CR0053R- Cat F*  *Same as 4128r2*  **Revision of S1-214128.** |
| CR | [S1-214129](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\Docs\S1-214129.zip) | Peraton Labs, CISA ECD,Verizon, AT&T, T-Mobile US | 22.153v18.0.0 MPS for DTS description alignment (Rel-18 Mirror) | Revised to S1-214261 | | **e-Thread: [SA1#96e, CR\_Rel17- 5]**  *WI code* MPS2 *Rel-18* *CR0054R- Cat F*  4129r2 agreed |
| CR | [S1-214261](https://etsihq-my.sharepoint.com/personal/alain_sultan_etsi_org/Documents/Documents/3GPP/SA1/2021/SA1_96e/docs/S1-214261.zip) | Peraton Labs, CISA ECD,Verizon, AT&T, T-Mobile US | 22.153v18.0.0 MPS for DTS description alignment (Rel-18 Mirror) | Agreed | | ***e-Thread: [SA1#96e, CR\_Rel17- 5]***  *WI code MPS2 Rel-18 CR0054R- Cat F*  *Same as 4129r2*  **Revision of S1-214129.** |
| CR | [S1-214166](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214166.zip) | Philips | 22.261v17.8.0 NPN support for positioning service requirement | Agreed | | **e-Thread: [SA1#96e, CR\_Rel17- 6]**  *WI code* TEI17, AVPROD *Rel-17* *CR0625R- Cat F* |
| CR | [S1-214167](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214167.zip) | Philips | 22.261v18.4.0 NPN support for positioning service requirement | Agreed | | **e-Thread: [SA1#96e, CR\_Rel17- 6]**  *WI code* TEI17, AVPROD *Rel-18* *CR0626R- Cat A* |
| CR | [S1-214074](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\Docs\S1-214074.zip) | KPN, TNO | 22.011v17.4.0 Periodic network selection with shared MCC | Moved to 3 | | *WI code*  *Rel-17 CR0326R- Cat F* |
| CR | [S1-214115](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\Docs\S1-214115.zip) | KPN, TNO | 22.011v18.0.0 Periodic network selection with shared MCC | Moved to 3 | | *WI code*  *Rel-18 CR0327R- Cat A* |
| Release 16 Alignment CRs (aligning Stage 1 specifications with what has been implemented in Stage 2 and 3) As Release 16 is now frozen, alignment CRs are appreciated. | | | | | | |
| CR | [S1-214067](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214067r1.zip) | Qualcomm | 22.261v16.15.0 Clarification on SNPN UEs without USIM | Revised to S1-214262 | | **e-Thread: [SA1#96e, CR\_Rel16 - 1]**  *WI code* TEI16 *Rel-16 CR0591R- Cat F*  **4067r2 agreed** |
| CR | [S1-214262](https://etsihq-my.sharepoint.com/personal/alain_sultan_etsi_org/Documents/Documents/3GPP/SA1/2021/SA1_96e/docs/S1-214262.zip) | Qualcomm | 22.261v16.15.0 Clarification on SNPN UEs without USIM | Agreed | | ***e-Thread: [SA1#96e, CR\_Rel16 - 1]***  *WI code TEI16 Rel-16 CR0591R- Cat F*  *Same as 4067r2*  **Revision of S1-214067.** |
| CR | [S1-214069](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214069.zip) | Qualcomm | 22.261v17.8.0 Clarification on SNPN UEs without USIM | Revised to S1-214263 | | **e-Thread: [SA1#96e, CR\_Rel16 - 1]**  *WI code* TEI16 *Rel-17 CR0592R- Cat A*  **4069r1 agreed** |
| CR | [S1-214263](https://etsihq-my.sharepoint.com/personal/alain_sultan_etsi_org/Documents/Documents/3GPP/SA1/2021/SA1_96e/docs/S1-214263.zip) | Qualcomm | 22.261v17.8.0 Clarification on SNPN UEs without USIM | Agreed | | ***e-Thread: [SA1#96e, CR\_Rel16 - 1]***  *WI code TEI16 Rel-17 CR0592R- Cat A*  *Same as 4069r1*  **Revision of S1-214069.** |
| CR | [S1-214070](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214070.zip) | Qualcomm | 22.261v18.4.0 Clarification on SNPN UEs without USIM | Revised to S1-214264 | | **e-Thread: [SA1#96e, CR\_Rel16 - 1]**  *WI code* TEI16 *Rel-18 CR0593R- Cat A*  **4070r1 agreed** |
| CR | [S1-214264](https://etsihq-my.sharepoint.com/personal/alain_sultan_etsi_org/Documents/Documents/3GPP/SA1/2021/SA1_96e/docs/S1-214264.zip) | Qualcomm | 22.261v18.4.0 Clarification on SNPN UEs without USIM | Agreed | | ***e-Thread: [SA1#96e, CR\_Rel16 - 1]***  *WI code TEI16 Rel-18 CR0593R- Cat A*  *Same as 4070r1*  **Revision of S1-214070.** |
| CR | [S1-214071](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214071r2.zip) | Qualcomm | 22.261v16.15.0 CR on VR sync requirements | Revised to S1-214265 | | **e-Thread: [SA1#96e, CR\_Rel16 - 2]**  *WI code* TEI16 *Rel-16 CR0594R- Cat F*  **4071r3 agreed** |
| CR | [S1-214265](https://etsihq-my.sharepoint.com/personal/alain_sultan_etsi_org/Documents/Documents/3GPP/SA1/2021/SA1_96e/docs/S1-214265.zip) | Qualcomm | 22.261v16.15.0 CR on VR sync requirements | Agreed | | ***e-Thread: [SA1#96e, CR\_Rel16 - 2]***  *WI code TEI16 Rel-16 CR0594R- Cat F*  *Same as 4071r3*  **Revision of S1-214071.** |
| CR | [S1-214072](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214072.zip) | Qualcomm | 22.261v17.8.0 CR on VR sync requirements | Noted | | **e-Thread: [SA1#96e, CR\_Rel16 - 2]**  *WI code* TEI16 *Rel-16 CR0595R- Cat A* |
| CR | [S1-214073](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214073.zip) | Qualcomm | 22.261v18.4.0 CR on VR sync requirements | Noted | | **e-Thread: [SA1#96e, CR\_Rel16 - 2]**  *WI code* TEI16 *Rel-16 CR0596R- Cat A* |
| Rel-16 and earlier CRs (other than alignment) | | | | | | |
| Rel18 contribution | | | | | | |
| SACI\_MCS | | | | | | |
| SACI\_MCS: Sharing administrative configuration between interconnected MCX Service systems [[S1-212023](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\Docs\S1-212023.zip)] | | | | | | |
| **Work status prior to this meeting:**  Rapporteur: Jens Toobe, (BDBOS)  Target completion date: SA#94 (12/2021)  Percentage completion: 80% | | | | | | |
| CR | [S1-214019](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214019.zip) | BDBOS | 22.881v18.0.1 Table linking CPRs to their PRs and use cases | Moved to 7.12 | | *WI code* SACI\_MCS *Rel-18 CR0001R- Cat D* |
| RAILSS | | | | | | |
| FS\_RAILSS: Study on Supporting of Railway Smart Station Services [[SP-190838](https://www.3gpp.org/ftp/tsg_sa/TSG_SA/TSGS_85/Docs/SP-190838.zip)] | | | | | | |
| **Work status prior to this meeting:**  Rapporteur: Andrew Min-gyu Han (Hansung University)  Latest version: [TR22.890v0.4.0](https://www.3gpp.org/ftp/Specs/archive/22_series/22.890/22890-040.zip)  Target completion date: SA#91 (03/2021)  Percentage completion: 35% | | | | | **Details e-mail discussion** :  Moderator: Xu Xia  # e-threads: 2  Block B | |
| Cont | [S1-214140](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214140.zip) | Kyonggi University | Elaborating potential requirements for transportation convenience service | Revised to S1-214270 | | **e-Thread: [SA1#96e, FS\_RAILSS - 1]**  **4140r2 agreed** |
| Cont | [S1-214270](https://etsihq-my.sharepoint.com/personal/alain_sultan_etsi_org/Documents/Documents/3GPP/SA1/2021/SA1_96e/docs/S1-214270.zip) | Kyonggi University | Elaborating potential requirements for transportation convenience service | Agreed | | ***e-Thread: [SA1#96e, FS\_RAILSS - 1]***  *Same as 4140r2*  **Revision of S1-214140.** |
| Cont | [S1-214168](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214168.zip) | Hansung University, LGUplus, ETRI | Automatic monitoring of smart station | Noted | | **e-Thread: [SA1#96e, FS\_RAILSS - 2]**  **orig. version approval day** |
| Cont | S1-214141 | Kyonggi University | Scalable transportation convenience service for the passengers with the reduced mobility | Withdrawn | |  |
| RAILSS output | | | | | | |
| TR | S1-214219 | Rapporteur Hansung University | TR22.890v0.60 Study on Supporting of Railway Smart Station Services | Agreed | | First draft by Friday 19th 23:00 UTC  Comments till Mon 22nd 23:00UTC  Final version by Tue 23rd 23:00UTC |
| AMMT | | | | | | |
| AMMT: AI/ML model transfer in 5GS [[SP-210587](https://www.3gpp.org/ftp/tsg_sa/TSG_SA/TSGs_92E_Electronic_2021_06/Docs/SP-210587.zip)] | | | | | | |
| **Work status prior to this meeting:**  Rapporteur: Jia SHEN (OPPO)  Target completion date: SA#94 (12/2021)  Percentage completion: 80% | | | | | **Details e-mail discussion** :  Moderator: Greg Schumacher  # e-threads: 6  Block A | |
| CR | [S1-214040](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214040.zip) | InterDigital | 22.261v18.4.0 Correction of network condition change per UE | Revised to S1-214266 | | **e-Thread: [SA1#96e, FS\_AMMT - 1]**  *WI code AMMT* *Rel-18 CR0583R- Cat F*  **4040r2 agreed** |
| CR | [S1-214266](https://etsihq-my.sharepoint.com/personal/alain_sultan_etsi_org/Documents/Documents/3GPP/SA1/2021/SA1_96e/docs/S1-214266.zip) | InterDigital | 22.261v18.4.0 Correction of network condition change per UE | Agreed | | ***e-Thread: [SA1#96e, FS\_AMMT - 1]***  *WI code AMMT Rel-18 CR0583R- Cat F*  *Same as 4040r2*  **Revision of S1-214040.** |
| CR | [S1-214077](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214077r5.zip) | OPPO | 22.261v18.4.0 Update to charging requirements for AMMT | Revised to S1-214267 | | **e-Thread: [SA1#96e, FS\_AMMT - 2]**  *WI code AMMT* *Rel-18 CR0004R- Cat B*  **4077r5 agreed** |
| CR | [S1-214267](https://etsihq-my.sharepoint.com/personal/alain_sultan_etsi_org/Documents/Documents/3GPP/SA1/2021/SA1_96e/docs/S1-214267.zip) | OPPO | 22.261v18.4.0 Update to charging requirements for AMMT | Agreed | | ***e-Thread: [SA1#96e, FS\_AMMT - 2]***  *WI code AMMT Rel-18 CR0004R- Cat B*  *Same as 4077r5*  **Revision of S1-214077.** |
| CR | [S1-214078](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214078.zip) | OPPO | 22.115v18.0.0 Update to charging requirements for AMMT | Noted | | **e-Thread: [SA1#96e, FS\_AMMT - 3]**  *WI code AMMT* *Rel-18 CR0106R- Cat B* |
| CR | [S1-214080](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214080.zip) | OPPO | 22.261v18.4.0 Adding requirement of FL for AMMT | Revised to S1-214268 | | **e-Thread: [SA1#96e, FS\_AMMT - 4]**  *WI code AMMT* *Rel-18 CR0597R- Cat B*  **4080r7 agreed** |
| CR | [S1-214268](https://etsihq-my.sharepoint.com/personal/alain_sultan_etsi_org/Documents/Documents/3GPP/SA1/2021/SA1_96e/docs/S1-214268.zip) | OPPO | 22.261v18.4.0 Adding requirement of FL for AMMT | Agreed | | ***e-Thread: [SA1#96e, FS\_AMMT - 4]***  *WI code AMMT Rel-18 CR0597R- Cat B*  *Same as 4080r7*  **Revision of S1-214080.** |
| CR | [S1-214083](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214083.zip) | OPPO | 22.261v18.4.0 Adding definition of terminology for AMMT | Revised to S1-214269 | | **e-Thread: [SA1#96e, FS\_AMMT - 5]**  *WI code AMMT* *Rel-18 CR0598R- Cat B*  **4083r6 agreed** |
| CR | [S1-214269](https://etsihq-my.sharepoint.com/personal/alain_sultan_etsi_org/Documents/Documents/3GPP/SA1/2021/SA1_96e/docs/S1-214269.zip) | OPPO | 22.261v18.4.0 Adding definition of terminology for AMMT | Agreed | | ***e-Thread: [SA1#96e, FS\_AMMT - 5]***  *WI code AMMT Rel-18 CR0598R- Cat B*  *Same as 4083r6*  **Revision of S1-214083.** |
| Cont | [S1-214103](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214103.zip) | Samsung | Discussion on Flocking Use Case requirements for AMMT | Moved to 7.12 | | **e-Thread: [SA1#96e, FS\_AMMT - 6]** |
| CR | [S1-214037](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214037.zip) | OPPO | CR22.874v18.1.0 FS\_AMMT update to CPR tables with new format | Moved to 7.12 | | *WI code FS\_AMMT* *Rel-18 CR0003R- Cat D* |
| CR | [S1-214079](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214079.zip) | OPPO | CR22.874v18.1.0 FS\_AMMT TR22.874 Update to charging requirements | Moved to 7.12 | | *WI code FS\_AMMT* *Rel-18 CR0005R- Cat B*  *If agreeable merge to 4037* |
| CR | [S1-214081](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214081.zip) | OPPO | CR22.874v18.1.0 FS\_AMMT update to requirements of FL for AMMT | Moved to 7.12 | | *WI code FS\_AMMT* *Rel-18 CR0006R- Cat B*  *If agreeable merge to 4037* |
| 5GET | | | | | | |
| FS\_ 5GET: Study on Services with Extra-territorial 5G systems [[SP-191042](https://www.3gpp.org/ftp/tsg_sa/TSG_SA/TSGS_86/Docs/SP-191042.zip)] | | | | | | |
| **Work status prior to this meeting:**  Rapporteur: Nicolas Chuberre (Thales)  Latest version: [TR22.926v1.0.0](https://ftp.3gpp.org/Specs/archive/22_series/22.926/22926-100.zip)  Target completion date: SA#91 (03/2021)  Percentage completion: 80% | | | | | **Details e-mail discussion** :  Moderator: Toon Norp  # e-threads: 4  Block B | |
| Cont | [S1-214122](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214122.zip) | TNO | Editorial changes to TR22.926 | Agreed | | **e-Thread: [SA1#96e, FS\_5GET - 1]** |
| Cont | [S1-214123](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214123.zip) | TNO | 5GET, adding a note on country borders | Agreed | | **e-Thread: [SA1#96e, FS\_5GET - 2]** |
| Cont | [S1-214142](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214142.zip) | TNO | Resolving editor notes in 22.926 | Agreed | | **e-Thread: [SA1#96e, FS\_5GET - 3]** |
| Cont | [S1-214054](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214054r2.zip) | THALES, TNO, Samsung | Proposed 9.2 Guidelines for handling extra-territoriality in the 3GPP system | Revised to S1-214271 | | **e-Thread: [SA1#96e, FS\_5GET - 4]**  **4054r3 agreed (**“Most terrestrial networks can determine the regulatory policies that apply to the location of UE based on cell areas., For example satellite networks, with generally much larger coverage areas, can maintain a detailed map of borders of areas for a which a unique set of regulations applies for the provision of communication services through mobile networks (e.g. Countries including the areas where they claim sovereignty for telecommunication regulations as well as Exclusive Economic Zones).  NOTE: The regulator from the country where the network is located can have regulatory requirements on the definition and use of borders” + fixing typos and have correct English) |
| Cont | [S1-214271](https://etsihq-my.sharepoint.com/personal/alain_sultan_etsi_org/Documents/Documents/3GPP/SA1/2021/SA1_96e/docs/S1-214271.zip) | THALES, TNO, Samsung | Proposed 9.2 Guidelines for handling extra-territoriality in the 3GPP system | Agreed | | ***e-Thread: [SA1#96e, FS\_5GET - 4]***  *Same as 4054r3*  **Revision of S1-214054.** |
| Cont | [S1-214026](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214026.zip) | THALES, TNO, Samsung | proposed 9.2 guidelines | Withdrawn | |  |
| 5GET output | | | | | | |
| TR | S1-214215 | Rapporteur (Thales) | Cover sheet of the TR22.926 for approval | Agreed | | TR cover sheet for approval  First draft by Friday 19th 23:00 UTC  Comments till Mon 22nd 23:00UTC  Final version by Tue 23rd 23:00UTC |
| TR | S1-214216 | Rapporteur (Thales) | TR22.926v1.1.0 to include agreements at this meeting | Agreed | | First draft by Friday 19th 23:00 UTC  Comments till Mon 22nd 23:00UTC  Final version by Tue 23rd 23:00UTC |
| OffNetRail | | | | | | |
| FS\_OffNetRail: Study on Off-Network for Rail [[SP-200572](https://www.3gpp.org/ftp/tsg_sa/TSG_SA/TSGS_88E_Electronic/Docs/SP-200572.zip)] | | | | | | |
| **Work status prior to this meeting:**  Rapporteur: Guillaume GACH (UIC)  Latest version: [TR22.990v1.0.0](https://ftp.3gpp.org/Specs/archive/22_series/22.990/22990-100.zip)  Target completion date: SA#91 (06/2021)  Percentage completion: 90% | | | | | **Details e-mail discussion** :  Moderator: Xu Xia  # e-threads: 1  Block B | |
| Cont | [S1-214031](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214031.zip) | UIC | Global clean up to remove unnecessary clauses | Agreed | | **e-Thread: [SA1#96e, FS\_OffNetRail - 1]** |
| Cont | [S1-214032](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214032.zip) | UIC | Clean up of references | Agreed | | **e-Thread: [SA1#96e, FS\_OffNetRail - 1]** |
| OffNetRail output | | | | | | |
| TR | S1-214217 | Rapporteur (UIC) | Cover sheet of the TR22.990 for approval | Agreed | | TR cover sheet for approval  First draft by Friday 19th 23:00 UTC  Comments till Mon 22nd 23:00UTC  Final version by Tue 23rd 23:00UTC |
| TR | S1-214218 | Rapporteur (UIC) | TR22.990v1.1.0 to include agreements at this meeting | Agreed | | First draft by Friday 19th 23:00 UTC  Comments till Mon 22nd 23:00UTC  Final version by Tue 23rd 23:00UTC |
| SEI | | | | | | |
| SEI: Smart Energy and Infrastructure [[SP-210523](https://www.3gpp.org/ftp/tsg_sa/TSG_SA/TSGs_92E_Electronic_2021_06/Docs/SP-210523.zip)] | | | | | | |
| **Work status prior to this meeting:**  Rapporteur: XIA Xu (China Telecom)  Target completion date: SA#94 (12/2021)  Percentage completion: 95% | | | | | **Details e-mail discussion** :  Moderator: Greg Schumacher  # e-threads: 4  Block A | |
| CR | [S1-214013](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214013r6.zip) | Huawei | 22.104v18.2.0 Correction of reference for clause 5.6.1 | Revised to S1-214272 | | **e-Thread: [SA1#96e, FS\_SEI - 1]**  *WI code SEI* *Rel-18 CR0018R- Cat D*  **4013r7 agreed (fix title, fix date and no changes or anything to section 5.6)** |
| CR | [S1-214272](https://etsihq-my.sharepoint.com/personal/alain_sultan_etsi_org/Documents/Documents/3GPP/SA1/2021/SA1_96e/docs/S1-214272.zip) | Huawei | 22.104v18.2.0 Correction of reference for clause 5.6.1 | Agreed | | ***e-Thread: [SA1#96e, FS\_SEI - 1]***  *WI code SEI Rel-18 CR0018R- Cat D*  *Same as 4013r7*  **Revision of S1-214013.** |
| CR | [S1-214058](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214058.zip) | Qualcomm | 22.261v18.4.0 Update to Smart Grid Normative Requirements | Revised to S1-214211 | | **e-Thread: [SA1#96e, FS\_SEI - 2]**  *WI code SEI* *Rel-18 CR0589R- Cat F* |
| CR | [S1-214211](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214211r4.zip) | Qualcomm | 22.261v18.4.0 Update to Smart Grid Normative Requirements | Revised to S1-214273 | | ***e-Thread: [SA1#96e, FS\_SEI - 2]***  *WI code SEI Rel-18 CR0589R- Cat F*  **Revision of S1-214058.**  ***4211r5 agreed (“***The 5G system shall provide a suitable means to support precise time distribution, clock synchronization and synchrophasor communication functionalities specific to smart grid applications, e.g.: “) |
| CR | [S1-214273](https://etsihq-my.sharepoint.com/personal/alain_sultan_etsi_org/Documents/Documents/3GPP/SA1/2021/SA1_96e/docs/S1-214273.zip) | Qualcomm | 22.261v18.4.0 Update to Smart Grid Normative Requirements | Agreed | | ***e-Thread: [SA1#96e, FS\_SEI - 2]***  *WI code SEI Rel-18 CR0589R- Cat F*  *Same as 4211r5*  ***Revision of S1-214058.***  **Revision of S1-214211.** |
| CR | [S1-214065](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214065.zip) | ZTE | 22.261v18.4.0 Alignment with new added smart grid | Revised to S1-214274 | | **e-Thread: [SA1#96e, FS\_SEI - 3]**  *WI code SEI* *Rel-18 CR0590R- Cat D*  *4065r4 agreed* |
| CR | [S1-214274](https://etsihq-my.sharepoint.com/personal/alain_sultan_etsi_org/Documents/Documents/3GPP/SA1/2021/SA1_96e/docs/S1-214274.zip) | ZTE | 22.261v18.4.0 Alignment with new added smart grid | Agreed | | ***e-Thread: [SA1#96e, FS\_SEI - 3]***  *WI code SEI Rel-18 CR0590R- Cat D*  *4065r4 agreed*  **Revision of S1-214065.** |
| CR | [S1-214068](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214068.zip) | ZTE | 22.104v18.2.0 Remove editor note for Figure A.4.4.3-1 | Agreed | | **e-Thread: [SA1#96e, FS\_SEI - 4]**  *WI code SEI* *Rel-18 CR0090R- Cat D* |
| CR | [S1-214018](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214018.zip) | China Telecom | Filling all CPRs into a normalized table | Moved to 7.12 | | *WI code FS\_SEI* *Rel-18 CR0018R1 Cat D*  *Why rev1?* |
| CR | [S1-214010](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214010.zip) | China Telecom | 22.287v18.1.0 Get the missing figure A.1-1 back | Moved to 7.12 | | *WI code FS\_SEI* *Rel-18 CR0017R1 Cat D*  *Why rev1? This cannot be cat D.* |
| CR | [S1-214011](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214011.zip) | China Telecom | 22.287v18.1.0 Removal of all existing Editor’s Notes in TR 22.867 | Moved to 7.12 | | *WI code FS\_SEI* *Rel-18 CR0018R1 Cat D*  *Why rev1? This cannot be cat D.* |
| CR | [S1-214014](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214014.zip) | Huawei | 22.867v18.1.0 Clause 5.13 correction of reference for clause 5.6.1 | Moved to 7.12 | | *WI code FS\_SEI* *Rel-18 CR0019R- Cat D* |
| PIRates | | | | | | |
| PIRates: Study on Study on Personal IoT Networks [[S1-212148](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\Docs\S1-212148.zip)] | | | | | | |
| **Work status prior to this meeting:**  Rapporteur: Xiaowan Ke (Vivo)  Target completion date: SA#94 (12/2021)  Percentage completion: 85% | | | | | **Details e-mail discussion** :  Moderator: Mark Young  # e-threads: 14  Block B | |
| **22.261** | | | | | | |
| CR | [S1-214084](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214084r2.zip) | vivo, KPN, Futurewei | 22.261v18.4.0 Update the general section of PIRates | Revised to S1-214275 | | **e-Thread: [SA1#96e, Pirates - 1]**  *WI code PIRATES* *Rel-18 CR0599R- Cat B*  **4084r3 agreed** |
| CR | [S1-214275](https://etsihq-my.sharepoint.com/personal/alain_sultan_etsi_org/Documents/Documents/3GPP/SA1/2021/SA1_96e/docs/S1-214275.zip) | vivo, KPN, Futurewei | 22.261v18.4.0 Update the general section of PIRates | Agreed | | ***e-Thread: [SA1#96e, Pirates - 1]***  *WI code PIRATES Rel-18 CR0599R- Cat B*  *Same as 4084r3*  **Revision of S1-214084.** |
| CR | [S1-214085](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214085r2.zip) | vivo, KPN | 22.261v18.4.0 Update the gateways section of PIRates | Revised to S1-214276 | | **e-Thread: [SA1#96e, Pirates - 2]**  *WI code PIRATES* *Rel-18 CR0600R- Cat B*  **4085r4 agreed** |
| CR | [S1-214276](https://etsihq-my.sharepoint.com/personal/alain_sultan_etsi_org/Documents/Documents/3GPP/SA1/2021/SA1_96e/docs/S1-214276.zip) | vivo, KPN | 22.261v18.4.0 Update the gateways section of PIRates | Agreed | | ***e-Thread: [SA1#96e, Pirates - 2]***  *WI code PIRATES Rel-18 CR0600R- Cat B*  *Same as 4085r4*  **Revision of S1-214085.** |
| CR | [S1-214086](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214086.zip) | vivo, KPN | 22.261v18.4.0 Update the operation without 5G core network connectivity section of PIRates | Noted | | **e-Thread: [SA1#96e, Pirates - 3]**  *WI code PIRATES* *Rel-18 CR0601R- Cat F* |
| CR | [S1-214087](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214087r1.zip) | vivo, KPN | 22.261v18.4.0 Update the discovery section of PIRates | Revised to S1-214277 | | **e-Thread: [SA1#96e, Pirates - 4]**  *WI code PIRATES* *Rel-18 CR0602R- Cat C*  **4087r2 agreed (No new requirement, No track changes on cover page, new cat D and adapt reason of change)** |
| CR | [S1-214277](https://etsihq-my.sharepoint.com/personal/alain_sultan_etsi_org/Documents/Documents/3GPP/SA1/2021/SA1_96e/docs/S1-214277.zip) | vivo, KPN | 22.261v18.4.0 Update the discovery section of PIRates | Agreed | | ***e-Thread: [SA1#96e, Pirates - 4]***  *WI code PIRATES Rel-18 CR0602R- Cat C*  *Same as 4087r2*  **Revision of S1-214087.** |
| CR | [S1-214088](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214088.zip) | vivo, KPN | 22.261v18.4.0 Update the security section of PIRates | Noted | | **e-Thread: [SA1#96e, Pirates - 5]**  *WI code PIRATES* *Rel-18 CR0603R- Cat B* |
| CR | [S1-214089](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214089r5.zip) | vivo, KPN, Futurewei | 22.261v18.4.0 Update the creation and management section of PIRates | Revised to S1-214278 | | **e-Thread: [SA1#96e, Pirates - 6]**  *WI code PIRATES* *Rel-18 CR0604R- Cat C*  **4089r6 agreed (“**The 5G system shall support mechanisms for a network operator, or authorized 3rd party (e.g., a PIN User) to create, remove and manage a PIN, including:”) |
| CR | [S1-214278](https://etsihq-my.sharepoint.com/personal/alain_sultan_etsi_org/Documents/Documents/3GPP/SA1/2021/SA1_96e/docs/S1-214278.zip) | vivo, KPN, Futurewei | 22.261v18.4.0 Update the creation and management section of PIRates | Agreed | | ***e-Thread: [SA1#96e, Pirates - 6]***  *WI code PIRATES Rel-18 CR0604R- Cat C*  *Same as 4089r6*  **Revision of S1-214089.** |
| CR | [S1-214162](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214162r1.zip) | Philips | 22.261v18.4.0 Adding leftover PIN requirement to normative spec | Revised to S1-214279 | | **e-Thread: [SA1#96e, Pirates - 6]**  *WI code PIRATES* *Rel-18 CR0622R- Cat B*  *4162r2 agreed (no changes on changes; “*The 5G system shall support a mechanism to enable a UE that is not a PIN element or a non-3GPP device that is not a PIN element of the PIN to request to join the PIN.*“)* |
| CR | [S1-214279](https://etsihq-my.sharepoint.com/personal/alain_sultan_etsi_org/Documents/Documents/3GPP/SA1/2021/SA1_96e/docs/S1-214279.zip) | Philips | 22.261v18.4.0 Adding leftover PIN requirement to normative spec | Revised to S1-214312 | | ***e-Thread: [SA1#96e, Pirates - 6]***  *WI code PIRATES Rel-18 CR0622R- Cat B*  *Same as 4162r2*  **Revision of S1-214162.** |
| CR | [S1-214312](docs\S1-214312.zip) | Philips | 22.261v18.4.0 Adding leftover PIN requirement to normative spec | Agreed (NEW #tdoc) | | ***e-Thread: [SA1#96e, Pirates - 6]***  *WI code PIRATES Rel-18 CR0622R- Cat B*  *Same as 4162r2*  ***Revision of S1-214162.***  **Revision of S1-214279.** |
| CR | [S1-214091](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214091r3.zip) | vivo, KPN | 22.261v18.4.0 Correction on the definition of PIN and PIN Element | Revised to S1-214280 | | **e-Thread: [SA1#96e, Pirates - 7]**  *WI code PIRATES* *Rel-18 CR0605R- Cat F*  *R4 agreed (no trac change, no changes on changes + “***Personal IoT Network:** A configured and managed group of at least one UE PIN Element and one or more PIN Element(s) that communicate with each other.“) |
| CR | [S1-214280](https://etsihq-my.sharepoint.com/personal/alain_sultan_etsi_org/Documents/Documents/3GPP/SA1/2021/SA1_96e/docs/S1-214280.zip) | vivo, KPN | 22.261v18.4.0 Correction on the definition of PIN and PIN Element | Agreed | | ***e-Thread: [SA1#96e, Pirates - 7]***  *WI code PIRATES Rel-18 CR0605R- Cat F*  *Same as 4280r4*  **Revision of S1-214091.** |
| CR | [S1-214092](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214092.zip) | vivo, KPN | 22.261v18.4.0 Update the 5G LAN requirements for PIRates | Noted | | **e-Thread: [SA1#96e, Pirates - 8]**  *WI code PIRATES* *Rel-18 CR0606R- Cat B* |
| CR | [S1-214093](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214093.zip) | vivo, KPN | 22.261v18.4.0 Correction for 5G-RG | Agreed | | **e-Thread: [SA1#96e, Pirates - 9]**  *WI code PIRATES* *Rel-18 CR0607R- Cat B* |
| CR | [S1-214094](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214094.zip) | vivo, KPN | 22.261v18.4.0 Definitions for non 3GPP device | Noted | | **e-Thread: [SA1#96e, Pirates - 10]**  *WI code PIRATES* *Rel-18 CR0608R- Cat B* |
| CR | [S1-214200](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214200.zip) | vivo, KPN, Philips International B.V. | 22.101v18.2.0 Definitions for non 3GPP device | Noted | | **e-Thread: [SA1#96e, Pirates - 10]**  *WI code PIRATES* *Rel-18 CR0279R- Cat B* |
| Cont | [S1-214212](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214212.zip) | Vivo | Way forward for non-3GPP device definition | Noted | |  |
| CR | [S1-214095](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214095.zip) | vivo, KPN | 22.261v18.4.0 PIRates requirements for PWS & ecall | Noted | | **e-Thread: [SA1#96e, Pirates - 11]**  *WI code PIRATES* *Rel-18 CR0609R- Cat B* |
| CR | [S1-214090](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214090r8.zip) | vivo, KPN, Futurewei | 22.101v18.2.0 Addition of PIN requirement for credentials provisioning | Revised to S1-214281 | | **e-Thread: [SA1#96e, Pirates - 12]**  *WI code PIRATES* *Rel-18 CR0578R- Cat B*  **4090r8 agreed (“**The 3GPP system shall support secure provisioning of credentials to a non-3GPP device connected via a gateway UE, whose User Identifier has been linked with the 3GPP subscription of the gateway UE, to enable the non-3GPP device to access the network and its services according to the linked 3GPP subscription when connected via non-3GPP access.” + no colors in CR). |
| CR | [S1-214281](https://etsihq-my.sharepoint.com/personal/alain_sultan_etsi_org/Documents/Documents/3GPP/SA1/2021/SA1_96e/docs/S1-214281.zip) | vivo, KPN, Futurewei | 22.101v18.2.0 Addition of PIN requirement for credentials provisioning | Agreed | | ***e-Thread: [SA1#96e, Pirates - 12]***  *WI code PIRATES Rel-18 CR0578R- Cat B*  *Same as 4090r8*  **Revision of S1-214090.** |
| CR | [S1-214096](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214096r2.zip) | vivo, KPN | 22.261v18.4.0 Pirates general introduction – missing background text | Revised to S1-214282 | | **e-Thread: [SA1#96e, Pirates - 12]**  *WI code PIRATES* *Rel-18 CR0610R- Cat B*  **4096r3 agreed (**The requirements as described in 3GPP TS 22.101 [6] clause 26a can also apply to Personal IoT Networks and Customer Premises Networks.) |
| CR | [S1-214282](https://etsihq-my.sharepoint.com/personal/alain_sultan_etsi_org/Documents/Documents/3GPP/SA1/2021/SA1_96e/docs/S1-214282.zip) | vivo, KPN | 22.261v18.4.0 Pirates general introduction – missing background text | Agreed | | ***e-Thread: [SA1#96e, Pirates - 12]***  *WI code PIRATES Rel-18 CR0610R- Cat B*  *Same as 4096r3*  **Revision of S1-214096.** |
| CR | [S1-214164](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214164.zip) | Philips | 22.261v18.4.0 Replacing undefined term PIN User | Revised to S1-214283 | | **e-Thread: [SA1#96e, Pirates - 13]**  *WI code PIRATES* *Rel-18 CR0623R- Cat F*  **4164r1 agreed** |
| CR | [S1-214283](https://etsihq-my.sharepoint.com/personal/alain_sultan_etsi_org/Documents/Documents/3GPP/SA1/2021/SA1_96e/docs/S1-214283.zip) | Philips | 22.261v18.4.0 Replacing undefined term PIN User | Revised to S1-214313 | | ***e-Thread: [SA1#96e, Pirates - 13]***  *WI code PIRATES Rel-18 CR0623R- Cat F*  *Same as 4164r1*  **Revision of S1-214164.** |
| CR | [S1-214313](docs\S1-214313.zip) | Philips | 22.261v18.4.0 Replacing undefined term PIN User | Agreed (NEW #tdoc) | | ***e-Thread: [SA1#96e, Pirates - 13]***  *WI code PIRATES Rel-18 CR0623R- Cat F*  *Same as 4164r1*  ***Revision of S1-214164.***  **Revision of S1-214283.** |
| CR | [S1-214165](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214165r2.zip) | Philips | 22.261v18.4.0 Clarifying Licensed Intercept requirement | Revised to S1-214284 | | **e-Thread: [SA1#96e, Pirates – 14]**  *WI code PIRATES* *Rel-18 CR0624R- Cat F*  *4165r3 agreed (no track changes on the cover page)* |
| CR | [S1-214284](https://etsihq-my.sharepoint.com/personal/alain_sultan_etsi_org/Documents/Documents/3GPP/SA1/2021/SA1_96e/docs/S1-214284.zip) | Philips | 22.261v18.4.0 Clarifying Licensed Intercept requirement | Revised to S1-214314 | | ***e-Thread: [SA1#96e, Pirates – 14]***  *WI code PIRATES Rel-18 CR0624R- Cat F*  *Same as 4165r3*  **Revision of S1-214165.** |
| CR | [S1-214314](docs\S1-214314.zip) | Philips | 22.261v18.4.0 Clarifying Licensed Intercept requirement | Agreed (NEW #tdoc) | | ***e-Thread: [SA1#96e, Pirates – 14]***  *WI code PIRATES Rel-18 CR0624R- Cat F*  *Same as 4165r3*  ***Revision of S1-214165.***  **Revision of S1-214284.** |
| CR | [S1-214163](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214163.zip) | Philips | 22.859v18.1.0 Adding leftover PIN requirement to consolidated requirements | Moved to 7.12 | | *WI code* FS\_PIN *Rel-18 CR0020R- Cat F* |
| PALS | | | | | | |
| PALS: 5G Networks Providing Access to Localized Services [[SP-210588](https://www.3gpp.org/ftp/tsg_sa/TSG_SA/TSGs_92E_Electronic_2021_06/Docs/SP-210588.zip)] | | | | | | |
| **Work status prior to this meeting:**  Rapporteur: Lola Awoniyi-Oteri(Qualcomm)  Target completion date: SA#94 (12/2021)  Percentage completion: 95% | | | | | **Details e-mail discussion** :  Moderator: Mona Mustapha  # e-threads: 3  Block A | |
| CR | [S1-214034](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214034.zip) | vivo | v18.0.0 Addition of PALs requirement for manual selection | Noted | | **e-Thread: [SA1#96e, PALS - 1]**  *WI code* PALS *Rel-18 CR0325R- Cat B* |
| CR | [S1-214205](https://365tno-my.sharepoint.com/personal/jose_almodovarchico_tno_nl/Documents/docs/S1-214205.zip) | vivo | 22.261v18.4.0 Addition of PALs requirement for manual selection | Revised to S1-214285 | | **e-Thread: [SA1#96e, PALS - 1]**  *WI code* PALS *Rel-18 CR0627R- Cat B*  **4205r3 agreed** |
| CR | [S1-214285](https://etsihq-my.sharepoint.com/personal/alain_sultan_etsi_org/Documents/Documents/3GPP/SA1/2021/SA1_96e/docs/S1-214285.zip) | vivo | 22.261v18.4.0 Addition of PALs requirement for manual selection | Agreed | | ***e-Thread: [SA1#96e, PALS - 1]***  *WI code PALS Rel-18 CR0627R- Cat B*  *Same as 4205r3*  **Revision of S1-214205.** |
| CR | [S1-214055](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214055.zip) | Qualcomm | 22.261v18.4.0 Adding Informative Annex for PALS | Agreed | | **e-Thread: [SA1#96e, PALS - 2]**  *WI code* PALS *Rel-18 CR0588R- Cat B* |
| CR | [S1-214139](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214139.zip) | Intel, Futurewei | 22.261v18.4.0 Clarification of Service Providers for PALS | Revised to S1-214286 | | **e-Thread: [SA1#96e, PALS – 3]**  *WI code* PALS *Rel-18 CR0614R- Cat F*  **4139r6 agreed** |
| CR | [S1-214286](https://etsihq-my.sharepoint.com/personal/alain_sultan_etsi_org/Documents/Documents/3GPP/SA1/2021/SA1_96e/docs/S1-214286.zip) | Intel, Futurewei | 22.261v18.4.0 Clarification of Service Providers for PALS | Agreed | | ***e-Thread: [SA1#96e, PALS – 3]***  *WI code PALS Rel-18 CR0614R- Cat F*  *Same as 4139r6*  **Revision of S1-214139.** |
| CR | [S1-214057](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214057.zip) | Qualcomm | 22.844CPR# to PR# Mapping for PALS | Moved to 7.12 | | *WI code* PALS *Rel-18 CR0009R- Cat B*  *Wrong Wi code, should be FS\_PALS* |
| VMR | | | | | | |
| VMR: vehicle-mounted relays [[SP-211054](https://www.3gpp.org/ftp/tsg_sa/TSG_SA/TSGS_93E_Electronic_2021_09/Docs/SP-211054.zip)] | | | | | | |
| **Work status prior to this meeting:**  Rapporteur: Francesco Pica (Qualcomm)  Target completion date: SA#94 (12/2021)  Percentage completion: 95% | | | | | **Details e-mail discussion** :  Moderator: Erik Gutman  # e-threads: 1  Block A | |
| CR | [S1-214154](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214154.zip) | Qualcomm | 22.261v18.4.0 CR adding NPN clarification plus editorials | Agreed | | **e-Thread: [SA1#96e, VMR -1]**  *WI code* VMR *Rel-18 CR0619R- Cat F* |
| eFRMCS | | | | | | |
| FS\_eFRMCS: Study on FRMCS Evolution [[SP-201038](https://portal.3gpp.org/ngppapp/CreateTdoc.aspx?mode=view&contributionId=1175962)] | | | | | | |
| **Work status prior to this meeting:**  Rapporteur: Guillaume Gach (UIC)  Latest version: [TR22.989v18.2.0](https://www.3gpp.org/ftp/Specs/archive/22_series/22.989/22989-i20.zip)  Target completion date: SA#94 (12/2021)  Percentage completion: 80% | | | | | **Details e-mail discussion** :  Moderator: Xu Xia  # e-threads: 4  Block B | |
| CR | [S1-214027](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214027.zip) | UIC | 22.989v18.2.0 Triggering a change of communication privileges for a particular FRMCS User based on identities and/or talker status | Revised to S1-214287 | | **e-Thread: [SA1#96e, FS\_eFRMCS - 1]**  *WI code* FS\_eFRMCS *Rel-18 CR0008R- Cat C*  4027r1 agreed |
| CR | [S1-214287](https://etsihq-my.sharepoint.com/personal/alain_sultan_etsi_org/Documents/Documents/3GPP/SA1/2021/SA1_96e/docs/S1-214287.zip) | UIC | 22.989v18.2.0 Triggering a change of communication privileges for a particular FRMCS User based on identities and/or talker status | Revised to S1-214315 | | ***e-Thread: [SA1#96e, FS\_eFRMCS - 1]***  *WI code FS\_eFRMCS Rel-18 CR0008R- Cat C*  *Same as 4027r1*  **Revision of S1-214027.** |
| CR | [S1-214315](docs\S1-214315.zip) | UIC | 22.989v18.2.0 Triggering a change of communication privileges for a particular FRMCS User based on identities and/or talker status | Agreed (NEW #tdoc) | | ***e-Thread: [SA1#96e, FS\_eFRMCS - 1]***  *WI code FS\_eFRMCS Rel-18 CR0008R- Cat C*  *Same as 4027r1*  ***Revision of S1-214027.***  **Revision of S1-214287.** |
| CR | [S1-214028](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214028.zip) | UIC | 22.989v18.2.0 Arbitration: automatic answer | Agreed | | **e-Thread: [SA1#96e, FS\_eFRMCS - 2]**  *WI code* FS\_eFRMCS *Rel-18 CR0009R- Cat C* |
| CR | [S1-214029](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214029.zip) | UIC | 22.989v18.2.0 Alignment between Changing conditions of Railway Emergency Alert and Merging Railway Emergency Alert | Revised to S1-214288 | | **e-Thread: [SA1#96e, FS\_eFRMCS - 3]**  *WI code* FS\_eFRMCS *Rel-18 CR0010R- Cat C*  4029r1 agreed |
| CR | [S1-214288](https://etsihq-my.sharepoint.com/personal/alain_sultan_etsi_org/Documents/Documents/3GPP/SA1/2021/SA1_96e/docs/S1-214288.zip) | UIC | 22.989v18.2.0 Alignment between Changing conditions of Railway Emergency Alert and Merging Railway Emergency Alert | Revised to S1-214316 | | ***e-Thread: [SA1#96e, FS\_eFRMCS - 3]***  *WI code FS\_eFRMCS Rel-18 CR0010R- Cat C*  *Same as 4029r1*  **Revision of S1-214029.** |
| CR | [S1-214316](docs\S1-214316.zip) | UIC | 22.989v18.2.0 Alignment between Changing conditions of Railway Emergency Alert and Merging Railway Emergency Alert | Agreed (NEW #tdoc) | | ***e-Thread: [SA1#96e, FS\_eFRMCS - 3]***  *WI code FS\_eFRMCS Rel-18 CR0010R- Cat C*  *Same as 4029r1*  ***Revision of S1-214029.***  **Revision of S1-214288.** |
| CR | [S1-214030](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214030.zip) | UIC | 22.989v18.2.0 Service interworking between FRMCS and GSM-R of presence is no more required | Agreed | | **e-Thread: [SA1#96e, FS\_eFRMCS - 4]**  *WI code* FS\_eFRMCS *Rel-18 CR0011R- Cat C* |
| TACMM | | | | | | |
| FS\_TACMM: Study on supporting tactile and multi-modality communication services [[SP-201039](https://www.3gpp.org/ftp/tsg_sa/TSG_SA/TSGs_90E_Electronic/Docs/SP-201039.zip)] | | | | | | |
| **Work status prior to this meeting:**  Rapporteur: Xiaonan SHI (China Mobile)  Latest version: [TR22.847v18.0.0](https://www.3gpp.org/ftp/Specs/archive/22_series/22.847/22847-i00.zip)  Target completion date: SA#92 (06/2021)  Percentage completion: 85% | | | | | **Details e-mail discussion** :  Moderator: Jose Almodovar  # e-threads: 4  Block A | |
| **General** | | | | | | |
| CR | [S1-214158](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214158.zip) | Xiaomi | 22.847v18.0.0Correction of editorial issues | Revised to S1-214289 | | **e-Thread: [SA1#96e, FS\_TACMM - 1]**  *WI code* FS\_TACMM *Rel-18 CRXXXXR- Cat D*  **4158r1 agreed** |
| CR | [S1-214289](https://etsihq-my.sharepoint.com/personal/alain_sultan_etsi_org/Documents/Documents/3GPP/SA1/2021/SA1_96e/docs/S1-214289.zip) | Xiaomi | 22.847v18.0.0 Correction of editorial issues | Revised to S1-214317 | | ***e-Thread: [SA1#96e, FS\_TACMM - 1]***  *WI code FS\_TACMM Rel-18 CRXXXXR- Cat D*  *Same as 4158r1*  **Revision of S1-214158.** |
| CR | [S1-214317](docs\S1-214317.zip) | Xiaomi | 22.847v18.0.0 Correction of editorial issues | Agreed (NEW #tdoc) | | ***e-Thread: [SA1#96e, FS\_TACMM - 1]***  *WI code FS\_TACMM Rel-18 CRXXXXR- Cat D*  *Same as 4158r1*  ***Revision of S1-214158.***  **Revision of S1-214289.** |
| Cont | [S1-214041](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214041.zip) | Huawei | FS\_TACMM multi-modality vs. multi-modal | Noted | | **e-Thread: [SA1#96e, FS\_TACMM - 2]** |
| CR | [S1-214042](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214042.zip) | Huawei | 22.847v18.0.0Align the use of multi-modal | Agreed | | **e-Thread: [SA1#96e, FS\_TACMM - 2]**  *WI code* FS\_TACMM *Rel-18 CR0002R- Cat F* |
| **Use cases** | | | | | | |
| Cont | [S1-214130](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214130.zip) | Huawei | 22.847v18.0.0FS\_TACMM resolving the ENs in clause 5.1 | Noted | | **e-Thread: [SA1#96e, FS\_TACMM - 3]** |
| CR | [S1-214132](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214132.zip) | Huawei, HiSilicon, InterDigital, China Mobile | 22.847v18.0.0Resolving the Editor’s Notes in clause 5.1 | Revised to S1-214290 | | **e-Thread: [SA1#96e, FS\_TACMM - 4]**  *WI code* FS\_TACMM *Rel-18 CR0011R- Cat F*  **4132r4 agreed** |
| CR | [S1-214290](https://etsihq-my.sharepoint.com/personal/alain_sultan_etsi_org/Documents/Documents/3GPP/SA1/2021/SA1_96e/docs/S1-214290.zip) | Huawei, HiSilicon, InterDigital, China Mobile | 22.847v18.0.0 Resolving the Editor’s Notes in clause 5.1 | Agreed | | ***e-Thread: [SA1#96e, FS\_TACMM - 4]***  *WI code FS\_TACMM Rel-18 CR0011R- Cat F*  *Same as 4132r4*  **Revision of S1-214132.** |
| CR | S1-214206 | Huawei, HiSilicon, InterDigital, China Mobile | 22.847v18.0.0 Resolving the Editor’s Notes in the KPI table in clause 5.1 | Revised to S1-214291 | | **e-Thread: [SA1#96e, FS\_TACMM - 4]**  *WI code* FS\_TACMM *Rel-18 CR0013R- Cat F*  **4206r2 agreed** |
| CR | [S1-214291](https://etsihq-my.sharepoint.com/personal/alain_sultan_etsi_org/Documents/Documents/3GPP/SA1/2021/SA1_96e/docs/S1-214291.zip) | Huawei, HiSilicon, InterDigital, China Mobile | 22.847v18.0.0 Resolving the Editor’s Notes in the KPI table in clause 5.1 | Agreed | | ***e-Thread: [SA1#96e, FS\_TACMM - 4]***  *WI code FS\_TACMM Rel-18 CR0013R- Cat F*  *Same as 4206r2*  **Revision of S1-214206.** |
| CR | [S1-214059](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214059.zip) | LG Electronics | 22.847v18.0.0Update of the KPI table in clause 5.4 | Revised to S1-214292 | | **e-Thread: [SA1#96e, FS\_TACMM - 5]**  *WI code* FS\_TACMM *Rel-18 CR0003R- Cat F*  Moved from 7.11.2  4059r1 agreed (first line of the reason for change is deleted) |
| CR | [S1-214292](https://etsihq-my.sharepoint.com/personal/alain_sultan_etsi_org/Documents/Documents/3GPP/SA1/2021/SA1_96e/docs/S1-214292.zip) | LG Electronics | 22.847v18.0.0 Update of the KPI table in clause 5.4 | Agreed | | ***e-Thread: [SA1#96e, FS\_TACMM - 5]***  *WI code FS\_TACMM Rel-18 CR0003R- Cat F*  *Moved from 7.11.2*  *Same as 4059r1*  **Revision of S1-214059.** |
| CR | [S1-214012](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214012.zip) | InterDigital | 22.847v18.0.0Verification of KPIs for the use case in clause 5.5 | Revised to S1-214293 | | **e-Thread: [SA1#96e, FS\_TACMM - 6]**  *WI code* FS\_TACMM *Rel-18 CR0001R- Cat F*  *4012r1 agreed (all format changes accepted)* |
| CR | [S1-214293](https://etsihq-my.sharepoint.com/personal/alain_sultan_etsi_org/Documents/Documents/3GPP/SA1/2021/SA1_96e/docs/S1-214293.zip) | InterDigital | 22.847v18.0.0 Verification of KPIs for the use case in clause 5.5 | Agreed | | ***e-Thread: [SA1#96e, FS\_TACMM - 6]***  *WI code FS\_TACMM Rel-18 CR0001R- Cat F*  *Same as 4012r1*  **Revision of S1-214012.** |
| Cont | [S1-214114](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214114.zip) | China Mobile | Discussion on cleaning up EN and TBD in KPI table in TR22.847 clause 5.2 | Noted | | **e-Thread: [SA1#96e, FS\_TACMM - 7]** |
| CR | [S1-214113](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214113r1.zip) | China Mobile | 22.847v18.0.0TACMM CR Clean up EN and TBD in KPI table in TR22.847 clause 5.2 | Revised to S1-214294 | | **e-Thread: [SA1#96e, FS\_TACMM - 7]**  *WI code* FS\_TACMM *Rel-18 CR0007R- Cat F*  *4113r2 agreed (accept all format changes)* |
| CR | [S1-214294](https://etsihq-my.sharepoint.com/personal/alain_sultan_etsi_org/Documents/Documents/3GPP/SA1/2021/SA1_96e/docs/S1-214294.zip) | China Mobile | 22.847v18.0.0 TACMM CR Clean up EN and TBD in KPI table in TR22.847 clause 5.2 | Revised to S1-214318 | | ***e-Thread: [SA1#96e, FS\_TACMM - 7]***  *WI code FS\_TACMM Rel-18 CR0007R- Cat F*  *Same as 4113r2 agreed*  **Revision of S1-214113.** |
| CR | [S1-214318](docs\S1-214318.zip) | China Mobile | 22.847v18.0.0 TACMM CR Clean up EN and TBD in KPI table in TR22.847 clause 5.2 | Agreed (NEW #tdoc) | | ***e-Thread: [SA1#96e, FS\_TACMM - 7]***  *WI code FS\_TACMM Rel-18 CR0007R- Cat F*  *Same as 4113r2 agreed*  ***Revision of S1-214113.***  **Revision of S1-214294.** |
| CR | [S1-214116](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214116.zip) | China Mobile | 22.847v18.0.0TACMM CR Clean up TBD in KPI table in TR22.847 clause 5.3 | Revised to S1-214295 | | **e-Thread: [SA1#96e, FS\_TACMM - 7]**  *WI code* FS\_TACMM *Rel-18 CR0008R- Cat F*  **4116r1 agreed** |
| CR | [S1-214295](https://etsihq-my.sharepoint.com/personal/alain_sultan_etsi_org/Documents/Documents/3GPP/SA1/2021/SA1_96e/docs/S1-214295.zip) | China Mobile | 22.847v18.0.0 TACMM CR Clean up TBD in KPI table in TR22.847 clause 5.3 | Revised to S1-214319 | | ***e-Thread: [SA1#96e, FS\_TACMM - 7]***  *WI code FS\_TACMM Rel-18 CR0008R- Cat F*  *Same as 4116r1*  **Revision of S1-214116.** |
| CR | [S1-214319](docs\S1-214319.zip) | China Mobile | 22.847v18.0.0 TACMM CR Clean up TBD in KPI table in TR22.847 clause 5.3 | Agreed (NEW #tdoc) | | ***e-Thread: [SA1#96e, FS\_TACMM - 7]***  *WI code FS\_TACMM Rel-18 CR0008R- Cat F*  *Same as 4116r1*  ***Revision of S1-214116.***  **Revision of S1-214295.** |
| CR | [S1-214117](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214117.zip) | China Mobile | 22.847v18.0.0TACMM CR Clean up EN in TR22.847 clause 5.8 | Revised to S1-214296 | | **e-Thread: [SA1#96e, FS\_TACMM - 7]**  *WI code* FS\_TACMM *Rel-18 CR0009R- Cat F*  **4117r1 agreed** |
| CR | [S1-214296](https://etsihq-my.sharepoint.com/personal/alain_sultan_etsi_org/Documents/Documents/3GPP/SA1/2021/SA1_96e/docs/S1-214296.zip) | China Mobile | 22.847v18.0.0 TACMM CR Clean up EN in TR22.847 clause 5.8 | Revised to S1-214320 | | ***e-Thread: [SA1#96e, FS\_TACMM - 7]***  *WI code FS\_TACMM Rel-18 CR0009R- Cat F*  *Same as 4117r1*  **Revision of S1-214117.** |
| CR | [S1-214320](docs\S1-214320.zip) | China Mobile | 22.847v18.0.0 TACMM CR Clean up EN in TR22.847 clause 5.8 | Agreed (NEW #tdoc) | | ***e-Thread: [SA1#96e, FS\_TACMM - 7]***  *WI code FS\_TACMM Rel-18 CR0009R- Cat F*  *Same as 4117r1*  ***Revision of S1-214117.***  **Revision of S1-214296.** |
| **CPRs and others** | | | | | | |
| CR | [S1-214082](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214082.zip) | Xiaomi | 22.847v18.0.0Requirements consolidated on tactile and multi-modality service | Noted | | **e-Thread: [SA1#96e, FS\_TACMM - 8]**  *WI code* FS\_TACMM *Rel-18 CRXXXXR- Cat B* |
| Cont | [S1-214121](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214121.zip) | China Mobile, Huawei, InterDigital, Futurewei | Discussion on PR consolidation | Noted | | **e-Thread: [SA1#96e, FS\_TACMM - 8]** |
| CR | [S1-214110](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214110.zip) | China Mobile, Huawei, Interdigital, LG Electronic, Futurewei | 22.847v18.0.0TACMM CR Consolidation of potential requirements | Revised to S1-214297 | | **e-Thread: [SA1#96e, FS\_TACMM - 8]**  *WI code* FS\_TACMM *Rel-18 CR0005R- Cat B*  **4110r3 agreed** |
| CR | [S1-214297](https://etsihq-my.sharepoint.com/personal/alain_sultan_etsi_org/Documents/Documents/3GPP/SA1/2021/SA1_96e/docs/S1-214297.zip) | China Mobile, Huawei, Interdigital, LG Electronic, Futurewei | 22.847v18.0.0 TACMM CR Consolidation of potential requirements | Revised to S1-214321 | | ***e-Thread: [SA1#96e, FS\_TACMM - 8]***  *WI code FS\_TACMM Rel-18 CR0005R- Cat B*  *Same as 4110r3*  **Revision of S1-214110.** |
| CR | [S1-214321](docs\S1-214321.zip) | China Mobile, Huawei, Interdigital, LG Electronic, Futurewei | 22.847v18.0.0 TACMM CR Consolidation of potential requirements | Agreed (NEW #tdoc) | | ***e-Thread: [SA1#96e, FS\_TACMM - 8]***  *WI code FS\_TACMM Rel-18 CR0005R- Cat B*  *Same as 4110r3*  ***Revision of S1-214110.***  **Revision of S1-214297.** |
| CR | [S1-214111](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214111.zip) | China Mobile, Huawei, Interdigital, LG Electronic | 22.847v18.0.0TACMM CR Consolidation of KPIs | Revised to S1-214298 | | **e-Thread: [SA1#96e, FS\_TACMM - 9]**  *WI code* FS\_TACMM *Rel-18 CR0006R- Cat B*  **4111r3 agreed** |
| CR | [S1-214298](https://etsihq-my.sharepoint.com/personal/alain_sultan_etsi_org/Documents/Documents/3GPP/SA1/2021/SA1_96e/docs/S1-214298.zip) | China Mobile, Huawei, Interdigital, LG Electronic | 22.847v18.0.0 TACMM CR Consolidation of KPIs | Revised to S1-214322 | | ***e-Thread: [SA1#96e, FS\_TACMM - 9]***  *WI code FS\_TACMM Rel-18 CR0006R- Cat B*  *Same as 4111r3*  **Revision of S1-214111.** |
| CR | [S1-214322](docs\S1-214322.zip) | China Mobile, Huawei, Interdigital, LG Electronic | 22.847v18.0.0 TACMM CR Consolidation of KPIs | Agreed (NEW #tdoc) | | ***e-Thread: [SA1#96e, FS\_TACMM - 9]***  *WI code FS\_TACMM Rel-18 CR0006R- Cat B*  *Same as 4111r3*  ***Revision of S1-214111.***  **Revision of S1-214298.** |
| CR | [S1-214118](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214118r3.zip) | China Mobile | 22.847v18.0.0TACMM CR Add conclusion | Revised to S1-214299 | | **e-Thread: [SA1#96e, FS\_TACMM - 10]**  *code* FS\_TACMM *Rel-18 CR0010R- Cat F*  **4118r4 agreed (“**The resulting consolidated potential requirements and KPIs identified in this TR can be considered for the development of normative requirements.”+ no changes on changes) |
| CR | [S1-214299](https://etsihq-my.sharepoint.com/personal/alain_sultan_etsi_org/Documents/Documents/3GPP/SA1/2021/SA1_96e/docs/S1-214299.zip) | China Mobile | 22.847v18.0.0 TACMM CR Add conclusion | Revised to S1-214323 | | ***e-Thread: [SA1#96e, FS\_TACMM - 10]***  *code FS\_TACMM Rel-18 CR0010R- Cat F*  *Same as 4118r4*  **Revision of S1-214118.** |
| CR | [S1-214323](docs\S1-214323.zip) | China Mobile | 22.847v18.0.0 TACMM CR Add conclusion | Agreed (NEW #tdoc) | | ***e-Thread: [SA1#96e, FS\_TACMM - 10]***  *code FS\_TACMM Rel-18 CR0010R- Cat F*  *Same as 4118r4*  ***Revision of S1-214118.***  **Revision of S1-214299.** |
| TACMM: Supporting tactile and multi-modality communication services [[SP-211053](https://www.3gpp.org/ftp/tsg_sa/TSG_SA/TSGS_93E_Electronic_2021_09/Docs/SP-211053.zip)] | | | | | | |
| **Work status prior to this meeting:**  Rapporteur: Xiaonan SHI (China Mobile)  Target completion date: SA#94 (12/2021)  Percentage completion: 0% | | | | | **Details e-mail discussion** :  Moderator: Jose Almodovar  # e-threads: 1  Block A | |
| CR | [S1-214120](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214120r6.zip) | China Mobile Com. Corporation, InterDigital, Huawei | 22.261v18.4.0 TACMM CR Introduction of text for Tactile and multi-modal communication service | Revised to S1-214300 | | **e-Thread: [SA1#96e, TACMM - 1]**  *WI code* TACMM *Rel-18 CR0611R- Cat B*  **4120r7 agreed** |
| CR | [S1-214300](https://etsihq-my.sharepoint.com/personal/alain_sultan_etsi_org/Documents/Documents/3GPP/SA1/2021/SA1_96e/docs/S1-214300.zip) | China Mobile Com. Corporation, InterDigital, Huawei | 22.261v18.4.0 TACMM CR Introduction of text for Tactile and multi-modal communication service | Revised to S1-214324 | | ***e-Thread: [SA1#96e, TACMM - 1]***  *WI code TACMM Rel-18 CR0611R- Cat B*  *Same as 4120r7*  **Revision of S1-214120.** |
| CR | [S1-214324](docs\S1-214324.zip) | China Mobile Com. Corporation, InterDigital, Huawei | 22.261v18.4.0 TACMM CR Introduction of text for Tactile and multi-modal communication service | Agreed (NEW #tdoc) | | ***e-Thread: [SA1#96e, TACMM - 1]***  *WI code TACMM Rel-18 CR0611R- Cat B*  *Same as 4120r7*  ***Revision of S1-214120.***  **Revision of S1-214300.**  **No presentation** |
| CR | [S1-214156](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214156.zip) | Xiaomi | 22.261v18.4.0 Introduction of TACMM requirements | Merge in 4120r1 | | **e-Thread: [SA1#96e, TACMM - 1]**  *WI code* TACMM *Rel-18 CR0XXXR- Cat B* |
| CR | [S1-214059](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214059.zip) | LG Electronics | Update of the KPI table in clause 5.4 | Moved to 7.11.1 | |  |
| Other Rel18 contributions Contributions to studies or work items which are 100% and do not appear on the agenda (e.g. EASNS, Ranging, …) | | | | | | |
| **CPR section CRs e-Thread: [SA1#96e, Other - 1]** | | | | | | |
| CR | [S1-214019](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214019.zip) | BDBOS | 22.881v18.0.1 Table linking CPRs to their PRs and use cases | Agreed | | *WI code* SACI\_MCS *Rel-18 CR0001R- Cat D*  *Moved from 7.1.1* |
| CR | [S1-214037](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214037.zip) | OPPO | 22.874v18.1.0 FS\_AMMT Update to CPR tables with new format | Revised to S1-214301 | | *WI code FS\_AMMT* *Rel-18 CR0003R- Cat D*  *Moved from 7.3.1*  *4037r1 agreed (missing 8.2 and including the merge of documents 4079r1 and 4081r1+ Change Cat D to CatB Include reasoning in cover page. + change title)* |
| CR | [S1-214301](https://etsihq-my.sharepoint.com/personal/alain_sultan_etsi_org/Documents/Documents/3GPP/SA1/2021/SA1_96e/docs/S1-214301.zip) | OPPO | 22.874v18.1.0 FS\_AMMT Update to CPR tables with new format | Agreed | | *WI code FS\_AMMT Rel-18 CR0003R- Cat D*  *Moved from 7.3.1*  *Same as 4037r1* |
| CR | [S1-214060](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214060.zip) | LG Electronics Inc. | 22.835v18.1.0 EASNS CPR mapping to PR(s) | Agreed | | *WI code* FS\_EASNS *Rel-18 CR0003R- Cat D* |
| CR | [S1-214053](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214053.zip) | Nokia, Nokia Shanghai Bell | 22.878v18.1.0 Update CPR tables | Agreed | | *WI code* FS\_5TRS *Rel-18 CR0003R- Cat D* |
| CR | [S1-214018](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214018r1.zip) | China Telecom | 22.287v18.1.0 Filling all CPRs into a normalized table | Revised to S1-214302 | | *WI code FS\_SEI* *Rel-18 CR0018R- Cat D*  *Moved from 7.6.1*  *4018r1 agreed* |
| CR | [S1-214302](https://etsihq-my.sharepoint.com/personal/alain_sultan_etsi_org/Documents/Documents/3GPP/SA1/2021/SA1_96e/docs/S1-214302.zip) | China Telecom | 22.287v18.1.0 Filling all CPRs into a normalized table | Revised to S1-214325 | | *WI code FS\_SEI Rel-18 CR0018R- Cat D*  *Moved from 7.6.1*  *Same as 4018r1*  Revision of S1-214018. |
| CR | [S1-214325](docs\S1-214325.zip) | China Telecom | 22.287v18.1.0 Filling all CPRs into a normalized table | Agreed (NEW #tdoc) | | *WI code FS\_SEI Rel-18 CR0018R- Cat D*  *Moved from 7.6.1*  *Same as 4018r1*  *Revision of S1-214018.*  Revision of S1-214302. |
| CR | [S1-214043](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\Docs\S1-214043.zip) | KPN | 22.258v18.1.0 Resident consolidated requirements table update | Agreed | | *WI code*  *Rel-18 CR0027R- Cat D*  *Moved from 5* |
| CR | [S1-214097](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214097.zip) | vivo | 22.259v18.1.0 Format Corrections on Consolidated Potential requirements | Revised to S1-214303 | | *WI code FS\_PIN Rel-18 CR0019R- Cat F*  *4097r1 agreed* |
| CR | [S1-214303](https://etsihq-my.sharepoint.com/personal/alain_sultan_etsi_org/Documents/Documents/3GPP/SA1/2021/SA1_96e/docs/S1-214303.zip) | vivo | 22.259v18.1.0 Format Corrections on Consolidated Potential requirements | Agreed | | *WI code FS\_PIN Rel-18 CR0019R- Cat F*  *Same as 4097r1*  Revision of S1-214097. |
| CR | [S1-214057](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214057.zip) | Qualcomm | 22.844v18.1.0 CPR# to PR# Mapping for PALS | Revised to S1-214304 | | *WI code* PALS *Rel-18 CR0009R- Cat B*  *Wrong Wi code, should be FS\_PALS*  *4057r1 agreed* |
| CR | [S1-214304](https://etsihq-my.sharepoint.com/personal/alain_sultan_etsi_org/Documents/Documents/3GPP/SA1/2021/SA1_96e/docs/S1-214304.zip) | Qualcomm | 22.844v18.1.0 CPR# to PR# Mapping for PALS | Agreed | | *WI code PALS Rel-18 CR0009R- Cat B*  *Same as 4057r1*  Revision of S1-214057. |
| CR | [S1-214153](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214153.zip) | Qualcomm | 22.839v18.0.0 CPR Mapping | Agreed | | *WI code FS\_VMR Rel-18 CR0001R- Cat D* |
| **Others** | | | | | | |
| Cont | [S1-214155](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214155.zip) | Qualcomm | Proposal on Human readable name for NW slices | Noted | | **e-Thread: [SA1#96e, Other - 2]** |
| CR | [S1-214157](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214157.zip) | Qualcomm | 22.261v18.4.0 CR on Human readable name for NW slices | Noted | | **e-Thread: [SA1#96e, Other - 2]**  *WI code* EASNS *Rel-18 CR0621R- Cat C* |
| CR | [S1-214131](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214131.zip) | Peraton Labs, CISA ECD, Verizon, AT&T, T-Mobile US | 22.153v18.0.0 MPS and Supplementary Services Interactions | Revised to S1-214310 | | **e-Thread: [SA1#96e, Other - 3]**  *WI code* TEI18 *Rel-18 CR0055R- Cat B*  4131r3 agreed (checking other specs affected) |
| CR | [S1-214310](docs\S1-214310.zip) | Peraton Labs, CISA ECD, Verizon, AT&T, T-Mobile US | 22.153v18.0.0 MPS and Supplementary Services Interactions | Agreed (NEW #tdoc) | | ***e-Thread: [SA1#96e, Other - 3]***  *WI code TEI18 Rel-18 CR0055R- Cat B*  *4131r3 agreed (checking other specs affected)*  **Revision of S1-214131.** |
| **FS\_AMMT** | | | | | | |
| CR | [S1-214079](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214079r1.zip) | OPPO | CR22.874v18.1.0 FS\_AMMT TR22.874 Update to charging requirements | Merge into 4037r1 | | **e-Thread: [SA1#96e, Other - FS\_AMMT - 1]**  *WI code FS\_AMMT* *Rel-18 CR0005R- Cat B*  *If agreeable merge to 4037*  *Moved from 7.3.1*  **4079r1 merge into 4037r1** |
| CR | [S1-214081](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214081r1.zip) | OPPO | CR22.874v18.1.0 FS\_AMMT update to requirements of FL for AMMT | Merge into 4037r1 | | **e-Thread: [SA1#96e, Other - FS\_AMMT - 2]**  *WI code FS\_AMMT* *Rel-18 CR0006R- Cat B*  *If agreeable merge to 4037*  *Moved from 7.3.1*  **4081r1 merge into 4037r1** |
| Cont | [S1-214103](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214103.zip) | Samsung | Discussion on Flocking Use Case requirements for AMMT | Noted | | **e-Thread: [SA1#96e, Other - FS\_AMMT - 2]**  *Moved from 7.3.1* |
| **FS\_SEI** | | | | | | |
| CR | [S1-214010](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214010.zip) | China Telecom | 22.287v18.1.0 Get the missing figure A.1-1 back | Revised to S1-214305 | | **e-Thread: [SA1#96e, Other - FS\_SEI - 1]**  *WI code FS\_SEI* *Rel-18 CR0017R1 Cat D*  *Moved from 7.6.1*  *4010r3 agreed* |
| CR | [S1-214305](https://etsihq-my.sharepoint.com/personal/alain_sultan_etsi_org/Documents/Documents/3GPP/SA1/2021/SA1_96e/docs/S1-214305.zip) | China Telecom | 22.287v18.1.0 Get the missing figure A.1-1 back | Revised to S1-214326 | | ***e-Thread: [SA1#96e, Other - FS\_SEI - 1]***  *WI code FS\_SEI Rel-18 CR0017R1 Cat D*  *Moved from 7.6.1*  *Same as 4010r3*  **Revision of S1-214010.** |
| CR | [S1-214326](docs\S1-214326.zip) | China Telecom | 22.287v18.1.0 Get the missing figure A.1-1 back | Agreed (NEW #tdoc) | | ***e-Thread: [SA1#96e, Other - FS\_SEI - 1]***  *WI code FS\_SEI Rel-18 CR0017R1 Cat D*  *Moved from 7.6.1*  *Same as 4010r3*  ***Revision of S1-214010.***  **Revision of S1-214305.** |
| CR | [S1-214011](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214011.zip) | China Telecom | 22.287v18.1.0 Removal of all existing Editor’s Notes in TR 22.867 | Revised to S1-214306 | | **e-Thread: [SA1#96e, Other - FS\_SEI - 2]**  *WI code FS\_SEI* *Rel-18 CR0018R1 Cat D*  *Moved from 7.6.1*  *4011r2 agreed* |
| CR | [S1-214306](https://etsihq-my.sharepoint.com/personal/alain_sultan_etsi_org/Documents/Documents/3GPP/SA1/2021/SA1_96e/docs/S1-214306.zip) | China Telecom | 22.287v18.1.0 Removal of all existing Editor’s Notes in TR 22.867 | Agreed | | ***e-Thread: [SA1#96e, Other - FS\_SEI - 2]***  *WI code FS\_SEI Rel-18 CR0018R1 Cat D*  *Moved from 7.6.1*  *Same as 4011r2*  **Revision of S1-214011.** |
| CR | [S1-214014](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214014r5.zip) | Huawei | 22.867v18.1.0 Clause 5.13 correction of reference for clause 5.6.1 | Revised to S1-214307 | | **e-Thread: [SA1#96e, Other - FS\_SEI - 3]**  *WI code FS\_SEI* *Rel-18 CR0019R- Cat D*  *Moved from 7.6.1*  **4014r6 agreed (fix title and update date)** |
| CR | [S1-214307](https://etsihq-my.sharepoint.com/personal/alain_sultan_etsi_org/Documents/Documents/3GPP/SA1/2021/SA1_96e/docs/S1-214307.zip) | Huawei | 22.867v18.1.0 Clause 5.13 correction of reference for clause 5.6.1 | Agreed | | ***e-Thread: [SA1#96e, Other - FS\_SEI - 3]***  *WI code FS\_SEI Rel-18 CR0019R- Cat D*  *Moved from 7.6.1*  *Same as 4014r6*  **Revision of S1-214014.** |
| **FS\_PIN Block B (together with PiRates)** | | | | | | |
| CR | [S1-214163](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214163.zip) | Philips | 22.859v18.1.0 Adding leftover PIN requirement to consolidated requirements | Revised to S1-214308 | | **e-Thread: [SA1#96e, Other - FS\_PIN - 1]**  *WI code* FS\_PIN *Rel-18 CR0020R- Cat F*  *Moved from 7.7.1*  **4163r1 agreed** |
| CR | [S1-214308](https://etsihq-my.sharepoint.com/personal/alain_sultan_etsi_org/Documents/Documents/3GPP/SA1/2021/SA1_96e/docs/S1-214308.zip) | Philips | 22.859v18.1.0 Adding leftover PIN requirement to consolidated requirements | Agreed | | ***e-Thread: [SA1#96e, Other - FS\_PIN - 1]***  *WI code FS\_PIN Rel-18 CR0020R- Cat F*  *Moved from 7.7.1*  *Same as 4163r1*  **Revision of S1-214163.** |
| Other technical contributions | | | | | | |
| CR | [S1-214015](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214015.zip) | Huawei | 22.125v17.4.0 Editorial correction TS22125 | Moved to 5 | | *WI code* ID\_UAS *Rel-18 CR0038R- Cat D*  *Typos Cover page* |
| Other non-technical contributions | | | | | | |
| Work Item/Study Item progress | | | | | | |
| Session information outputs | | | | | | |
| Work Item/Study Item status update | | | | | | |
| REP | [S1-214220](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214220.zip) | Hansung University | FS\_RAILSS – Status report | Noted | | 45% |
| REP | [S1-214221](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214221.zip) | THALES | FS\_5GET– Status report | Noted | | 100% |
| REP | [S1-214222](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214222.zip) | UIC | FS\_OffNetRail – Status report | Noted | | 100% |
| REP | [S1-214223](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214223.zip) | UIC | FS\_eFRMCS – Status report | Noted | | 100% |
| REP | [S1-214224](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214224.zip) | China Mobile | FS\_TACMM – Status report | Noted | | 100% |
| REP | [S1-214225](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214225.zip) | BDBOS | SACI\_MCS – Status report | Noted | | 100% |
| REP | [S1-214226](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214226.zip) | OPPO | AMMT – Status report | Noted | | 100% |
| REP | [S1-214227](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214227.zip) | China Telecom | SEI – Status report | Noted | | 100% |
| REP | [S1-214228](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214228.zip) | Vivo | Pirates – Status report | Noted | | 100% |
| REP | [S1-214229](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214229.zip) | Qualcomm | PALS – Status report | Noted | | 100% |
| REP | [S1-214230](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214230.zip) | Qualcomm | VMR – Status report | Noted | | 100% |
| REP | [S1-214231](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_96e_EM_Nov2021\docs\S1-214231.zip) | China Mobile | TACMM – Status report | Noted | | 100% |
| Next meetings | | | | | | |
| Calendar | | | | | | |
| **2022 meetings:**  SA1#97 14-24 Feb 2022 e-meeting  SA1#98 09-19 May 2022 e-meeting  SA1#99 22-26 Aug 2022 Europe  SA1#100 07-11 Nov 2022 North America (dates and location T.B.D.) | | | | | | |
| Any other business | | | | | | |
| Close | | | | | | |
| Close latest by 16:00 UTC on Thursday 18 November 2021 | | | | | | |