3GPP TSG-SA WG1 Meeting #94e S1-211001

Electronic Meeting, 10 – 20 May 2021

Title: 2nd Draft Agenda for SA1#94e

Ag. Item: 1.1

Source: SA1 Chairman

Contact: Jose Almodovar

Submission Guidelines

* **Submission deadlines:**
  + **Tdoc number** and **CR number** requests: **Friday,** 30 April 2021, 23:00 UTC
  + Document **submission**: **Friday**, 30 April 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_94e_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**

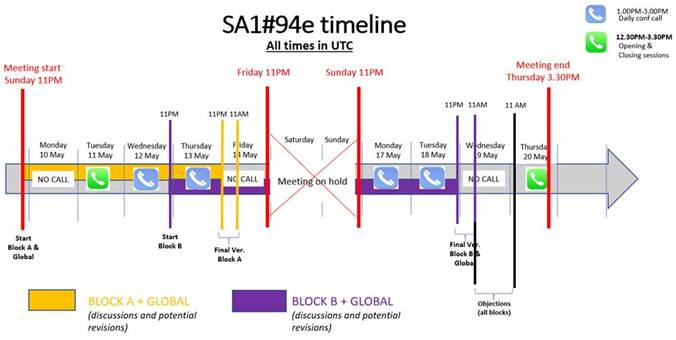
**Doc Type**: AGE (Agenda), CC (Incoming Liaison Statement Copied to SA1), Cont (Contribution), CR (Change request), , LS OUT(Outgoing Liaison Statement), TO (Incoming Liaison Statement To SA1), TR (Technical Report), TS (Technical Specification), REP (Report), WID (Work Item Description), WP (Work Plan)

**Conclusion**: Agreed, Approved, Revised to S1-16xxxx, Noted, Withdrawn, Moved to section xxx, Rejected, Postponed, Email Approval, Not Handled, Unallocated, Drafting

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| CR | S1-19xxxx | Source | Title | Withdrawn |  |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

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| --- | --- | --- |
| **General** | **Block A** | **Block B** |
| Reports (Sec. 2) | MiniWIDs | |
| LSs (Sec. 3) | NPNC | SENSE |
| Q.CR (Sec. 5) | MPS\_WLAN | SCVS |
| Rel-17 and earlier (Sec.6) | UEset | 5GHAPS |
| eCAV2 | 5GSATB |
| Others (Sec.8) |  | |
|  | Studies/Work + Corresponding WIDs | |
|  | AMMT | SEI |
|  | PALS | VMR |
|  | Resident | PINS |
|  | EASNS | 5TRS |
|  | Ranging | TACMM |
|  | SACI\_MCS | LPHAP |
|  | MMTEL | 5GET |
|  |  |  |
|  |  |  |

**SA1#94e Timeline & Blocks**



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| --- | --- | --- | --- | --- | --- |
| Opening of the meeting | | | | | |
| Opening of the meeting at 23:00 UTC on Sunday 9 May 2021 | | | | | |
| Guidelines e-meeting | | | | | |
| Delegates can find the guidelines that will be followed during SA1#94e in the following [link](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_94e_ElectronicMeeting/invitation/E-meeting-procedures-SA1%2394e.docx). | | | | | |
| Agenda and scheduling | | | | | |
| AGE | [S1-211000](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211000.zip) | SA1 Chair | Draft agenda for SA1#94e |  |  |
| AGE | [S1-211001](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211001.zip) | SA1 Chair | 2nd Draft agenda for SA1#94e |  |  |
| 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 Chairman and Vice Chairman. 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 | [S1-211004](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211004.zip) | ETSI | Draft minutes of SA1#93e |  |  |
| REP | [S1-211005](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211005.zip) | ETSI | Minutes of SA1#93e |  |  |
| 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 **Error! Reference source not found.** The template is available [here](http://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_85_Tallin/templates/Template_WI_Status_Update.zip).  For draft TR/TS, the rapporteur is expected to update the draft TR/TS with all contributions agreed at the meeting before the meeting is closed. | | | | | |
| Working agreements | | | | | |
| None | | | | | |
| Elections | | | | | |
| During the 3GPP SA1#94e meeting there will be elections for 3GPP SA1 chair.  Known candidates are currently: Jose Almodovar (KPN) | | | | | |
| Reports and action items e-Thread: [SA1\_Reports] | | | | | |
| REP | [S1-211003](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211003.zip) | SA1 chair | SA1-related topics at SA#91e | Noted |  |
| REP | [S1-211006](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211006.zip) | MCC | Workplan presentation for SA1#94e | Noted |  |
| REP | [S1-211007](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211007.zip) | SA1 chair, MCC | Guidelines for SA1#94e (e-meeting) | Noted |  |
| REP | [S1-211008](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211008.zip) | SA1 chair, MCC | SA1 ToR agreed at SA#91e | Noted |  |
| Liaison Statements (including related contributions) | | | | | |
| **Selecting a PLMN e-Thread: [LS S1-211262]** | | | | | |
| IN | [S1-211262](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211262.zip) | C1-210437 | LS on selecting a PLMN not allowed in the country where a UE is physically located |  |  |
| CC | [S1-211281](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211281.zip) | S3i210129 | Reply LS on selecting a PLMN not allowed in the country where a UE is physically located | Noted |  |
| IN | [S1-211269](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211269.zip) | C1-212600 | LS on selecting a PLMN not allowed in the country where a UE is physically located | Noted |  |
| OUT | [S1-211122](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211122.zip) | NTT DOCOMO | [DRAFT] Reply LS on selecting a PLMN not allowed in the country where a UE is physically located | Merge into  S1-211236r1 |  |
| OUT | [S1-211236](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211236r2.zip) | TNO | Reply LS on selecting a PLMN not allowed in the country where a UE is physically located | Revised to S1-210319 | r3 agreed (removing the text in track changes and the DRAFT word) |
| OUT | [S1-210319](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-210319.zip) | TNO | Reply LS on selecting a PLMN not allowed in the country where a UE is physically located | Agreed | *Same as r3*  Revision of S1-211236. |
| OUT | [S1-211298](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211298.zip) | TNO | LS to CT1 answer on selecting a PLMN not allowed in the country where a UE is physically located | New document | orig. |
| **RAT prioritization for UEs supporting satellite access e-Thread: [LS S1-211268]** | | | | | |
| IN | [S1-211268](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211268.zip) | C1-212597 | LS on RAT prioritization for UEs supporting satellite access |  |  |
| OUT | [S1-211249](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211249.zip) | Qualcomm | Reply LS on prioritizing Satellite RAT for PLMN selection |  | orig. |
| CR | [S1-211237](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211237.zip) | Qualcomm | CR22.261v17.6.0 Optimizing prioritization of satellite RAT for PLMN selection | Noted | *WI code* TEI17 *Rel-17 CR0519R- Cat F*  *No mirror CR?* |
| **Disaster roaming for MINT e-Thread: [LS S1-211263]** | | | | | |
| IN | [S1-211263](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211263.zip) | C1-211192 | LS on disaster roaming for MINT related to PLMN change | Noted |  |
| OUT | [S1-211116](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211116r2.zip) | LG Electronics | Reply LS on disaster roaming for MINT related to PLMN change | Revised to S1-211318 | r3 agreed (with no track changes and remove DRAFT) |
| OUT | [S1-211318](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211318.zip) | LG Electronics | Reply LS on disaster roaming for MINT related to PLMN change | Agreed | *Same as r3*  Revision of S1-211116. |
| OUT | [S1-211146](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211146.zip) | Huawei | Reply LS on disaster roaming for MINT related to PLMN change | Merged into  S1-211116r2 |  |
| Cont | [S1-211139](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211139.zip) | Huawei | Discussion on SA1 service requirements in support for Minimization of service INTerruption (MINT) | Noted |  |
| **HPLMN control of devices that should not use disaster roaming service e-Thread: [****LS S1-211264]** | | | | | |
| IN | [S1-211264](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211264.zip) | C1-211237 | LS on HPLMN control of devices that should not use disaster roaming service | Noted |  |
| OUT | [S1-211203](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211203r1.zip) | Samsung | [DRAFT] LS Reply on HPLMN control of devices that should not use disaster roaming service | Revised to S1-211320 | R2( take out track changes and remove DRAFT) |
| OUT | [S1-211320](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211320.zip) | Samsung | [DRAFT] LS Reply on HPLMN control of devices that should not use disaster roaming service | Agreed | *Same as r2*  Revision of S1-211203. |
| CR | [S1-211201](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211201r1.zip) | Samsung | CR22.261v17.6.0 Clarification for Congestion Avoidance for MINT | Revised to S1-211321 | *WI code* MINT *Rel-17 CR0527R- Cat F*  *R2 (clean cove page, update rev counter, date format and remove changes on changes)* |
| CR | [S1-211321](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211321.zip) | Samsung | CR22.261v17.6.0 Clarification for Congestion Avoidance for MINT | Agreed | *WI code MINT Rel-17 CR0527R- Cat F*  *Same as R2*  Revision of S1-211201. |
| CR | [S1-211202](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211202.zip) | Samsung | CR22.261v18.2.0 Clarification for Congestion Avoidance for MINT | Revised to S1-211322 | *WI code* MINT *Rel-18 CR0528R- Cat A*  *R2 (clean cove page, update rev counter, date format and remove changes on changes)* |
| CR | [S1-211322](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211322.zip) | Samsung | CR22.261v18.2.0 Clarification for Congestion Avoidance for MINT | Agreed | *WI code MINT Rel-18 CR0528R- Cat A*  *Same as R2*  Revision of S1-211202. |
| OUT | [S1-211246](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211246.zip) | Qualcomm | Reply LS on HPLMN control of disaster roaming service | Noted |  |
| OUT | [S1-211117](C:\\Users\\almodovarchicojl\\Desktop\\TSGS1_94e_ElectronicMeeting\\docs\\S1-211117r1.zip) | LG Electronics | Reply LS on HPLMN control of devices that should not use disaster roaming service | Noted | Moved from 4 |
| **Disaster roaming and non-public network hosted by a PLMN e-Thread: [LS S1-211265]** | | | | | |
| IN | [S1-211265](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211265.zip) | C1-211324 | LS on disaster roaming and non-public network hosted by a PLMN | Noted |  |
| OUT | [S1-211118](C:\\Users\\almodovarchicojl\\Desktop\\TSGS1_94e_ElectronicMeeting\\docs\\S1-211118r3.zip) | LG Electronics | Reply LS on disaster roaming and non-public network hosted by a PLMN | Revised to S1-211323 | Moved from 4  r4 (no track changes and remove DRAFT) |
| OUT | [S1-211323](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211323.zip) | LG Electronics | Reply LS on disaster roaming and non-public network hosted by a PLMN | Agreed | *Moved from 4*  *Same as r4*  Revision of S1-211118. |
| OUT | [S1-211200](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211200.zip) | Samsung | [DRAFT] LS Reply on disaster roaming and non-public network hosted by a PLMN | Noted |  |
| Cont | [S1-211199](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211199.zip) | Samsung | MINT and CAG | Noted |  |
| **Unified Access Control (UAC) for RedCap e-Thread: [LS S1-211278]** | | | | | |
| IN | [S1-211278](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211278.zip) | RP-210919 | LS on Unified Access Control (UAC) for RedCap |  |  |
| CC | [S1-211266](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211266.zip) | C1-212395 | Reply LS on Unified Access Control (UAC) for RedCap |  |  |
| OUT | [S1-211038](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211038.zip) | Vivo | [DRAFT] Reply LS on Unified Access Control (UAC) for RedCap | Noted |  |
| Cont | [S1-211039](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211039.zip) | Vivo | Discussion on UAC for RedCap devices | Noted |  |
| CR | [S1-211042](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211042.zip) | Vivo | CR22.261v17.6.0 UAC for Redcap devices | Noted | *WI code* Smarter\_Ph2, eCAV, CMED, cyberCAV *Rel-17 CR0516R1 Cat B* |
| CR | [S1-211043](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211043.zip) | Vivo | CR22.261v18.2.0 UAC for Redcap devices | Noted | *WI code* Smarter\_Ph2, eCAV, CMED, cyberCAV *Rel-18 CR0517R1 Cat A* |
| OUT | [S1-211119](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211119.zip) | NTT DOCOMO | [DRAFT] Reply LS on Unified Access Control (UAC) for RedCap | Merge 156rX |  |
| OUT | [S1-211156](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211156r1.zip) | Huawei, Huawei Device | Reply LS on Unified Access Control (UAC) for RedCap |  | 156r1 |
| Cont | [S1-211155](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211155.zip) | Huawei, Huawei Device | Discussion on whether introduce new UAC AC and AI for RedCap UE | Noted |  |
| OUT | [S1-211239](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211239.zip) | Qualcomm | Reply LS on UAC for RedCap | Noted |  |
| Cont | [S1-211260](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211260.zip) | Qualcomm | Considerations on UAC for RedCap | Noted |  |
| **Hold and forward buffer support for VIAPA services e-Thread: [LS S1-211280]** | | | | | |
| IN | [S1-211280](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211280.zip) | S2-2102014 | LS on hold and forward buffer support for VIAPA services |  |  |
| CC | [S1-211283](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211283.zip) | S4-210619 | Reply LS to SA2 on hold and forward buffer support for VIAPA services | Noted |  |
| OUT | [S1-211243](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211243r1.zip) | Qualcomm | Reply LS on hold and forward buffer | Revised to S1-211324 | R2(no track changes, correct format and DRAF word) |
| OUT | [S1-211324](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211324.zip) | Qualcomm | Reply LS on hold and forward buffer | Agreed | *Same as R2*  Revision of S1-211243. |
| OUT | [S1-211290](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211290.zip) | Nokia | [DRAFT] LS to SA2 (cc SA4) on hold and forward buffer support for VIAPA services | Noted |  |
| **Media-Related Services and Requirements e-Thread: [LS S1-211286]** | | | | | |
| IN | [S1-211286](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211286.zip) | S4-210680 | LS on Media-Related Services and Requirements |  |  |
| OUT | [S1-211099](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211099.zip) | Qualcomem | LS Response on Media-Related Services and Requirements | Noted |  |
| OUT | [S1-211229](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211229.zip) | China Mobile | LS Response on Media-Related Services and Requirements |  | 229r1 |
| **Incoming LSs proposed to be noted [CC and others] e-Thread: [LS ToNote]** | | | | | |
| IN | [S1-211276](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211276.zip) | R2-2104640 | Reply LS on support of PWS over SNPN | Noted |  |
| CC | [S1-211288](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211288.zip) | SP-210263 | LS on the support for eCall over IMS over SNPN | Noted |  |
| IN | [S1-211271](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211271.zip) | ETSI SmartM2M | LS on the start of ETSI STF601 about Cross-domain usability of IoT devices for humans and machines | Noted |  |
| IN | [S1-211272](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211272.zip) | GSMA ACJA | Promotion of ACJA WebTalk The Power of Partnership – Clear  Skies Ahead for Connected Drones | Noted |  |
| IN | [S1-211273](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211273.zip) | GSMA ACJA LS\_UAV | 3GPP SA1 clarifications on problematic UAV | Postponed |  |
| IN | [S1-211274](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211274.zip) | 5G-ACIA-LS-2021-001 | LS on 5G capabilities exposure for factories of the future | Noted |  |
| CC | [S1-211277](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211277.zip) | RP-210884 | Reply LS on 3GPP NR Rel-16 URLLC and IIoT performance evaluation | Noted |  |
| CC | [S1-211267](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211267.zip) | C1-212539 | LS to ITU-T on extraterritorial use of MCC+MNC for satellite networks | Noted |  |
| CC | [S1-211270](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211270.zip) | C1-212601 | LS on limited service availability of an SNPN | Noted |  |
| CC | [S1-211275](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211275.zip) | R2-2102489 | Clarification request for eNPN features | Noted |  |
| CC | [S1-211279](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211279.zip) | S2-2101076 | Reply LS on clarification request for eNPN features | Noted |  |
| CC | [S1-211285](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211285.zip) | S1-210283/ R2-2102489 | Clarification request for eNPN features | Noted |  |
| CC | [S1-211282](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211282.zip) | S3i210282 | Reply LS on UE location aspects in NTN | Noted |  |
| IN | [S1-211287](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211287.zip) | ITU-T FG-VM | LS on the latest results on the Vehicular Multimedia deliverables from ITU FG-VM | Noted |  |
| IN | [S1-211291](C:\\Users\\almodovarchicojl\\Desktop\\TSGS1_94e_ElectronicMeeting\\docs\\S1-211291.zip) | ITU-T SG16-LS241 | LS on new work item F.MOCN-MS "Requirements for multi-operator core network enabled multimedia services" | Noted |  |
| IN | [S1-211292](C:\\Users\\almodovarchicojl\\Desktop\\TSGS1_94e_ElectronicMeeting\\docs\\S1-211292.zip) | ITU-T SG16-LS263 | LS on a new work item for requirements of interactive immersive services ITU-T H.IIS-reqts | Noted |  |
| IN | [S1-211284](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211284.zip) | S1-210279/ C1-210437 | LS on selecting a PLMN not allowed in the country where a UE is physically located | Withdrawn |  |
| New Study and Work Items (including related contributions) | | | | | |
| **New SIDs (Rel19)** | | | | | |
| SID | [S1-211120](C:\\Users\\almodovarchicojl\\Desktop\\TSGS1_94e_ElectronicMeeting\\docs\\S1-211120.zip) | OPPO | New SID: Study on Wireless Power Sourcing enabled Communication Services in 5GS | Noted | Authors agreed to bring back the contribution next SA1#95. |
| Cont | [S1-211121](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211121.zip) | OPPO | Motivation of support wireless power sourcing enabled communication services in 5GS | Noted | Authors agreed to bring back the contribution next SA1#95. |
| **New WIDs (with a previous study)** | | | | | |
| Cont | [S1-211316](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211316.zip) | Chair & MCC | Proposed revision of section 8 of the WID template | New | 316r1 |
| WID | [S1-211066](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\Docs\S1-211066.zip) | OPPO | New WID on AI/ML model transfer in 5GS |  | **e-Thread: [NewWID – AMMT]**  066r4 |
| WID | [S1-211113](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\Docs\S1-211113.zip) | China Mobile | New WID on Evolution of IMS Multimedia Telephony Service | Revised to S1-211134 |  |
| WID | [S1-211134](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211134.zip) | China Mobile | New WID on Evolution of IMS Multimedia Telephony Service |  | **e-Thread: [NewWID – MMTELin5G]**  Revision of S1-211113.  134r2 |
| WID | [S1-211235](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\Docs\S1-211235r1.zip) | Qualcomm | New WID: 5G Networks Providing Access to Localized Services |  | **e-Thread: [NewWID – PALS]**  235r4 |
| WID | [S1-211151](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\Docs\S1-211151.zip) | China Telecom | WID on Smart Energy and Infrastructure |  | **e-Thread: [NewWID –** **SEI]**  151r1 |
| WID | [S1-211215](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\Docs\S1-211215r1.zip) | China Mobile | new WID on supporting tactile and multi-modality communication service |  | **e-Thread: [NewWID – TACMM]**  215r1 |
| WID | [S1-211251](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\Docs\S1-211251.zip) | Qualcomm | New WID on Vehicle Relays |  | **e-Thread: [NewWID – VMR]**  251r2 |
| WID | [S1-211086](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\Docs\S1-211086.zip) | Vivo | Service requirements for Network of Networks |  | **e-Thread: [NewWID – NETNET]**  086r2 |
| Cont | [S1-211296](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211296.zip) | Nokia | Opportunity of creating a new TS for covering different “5G enhanced” services | Noted | **e-Thread: [NewWID – OneTs]**  **Global** |
| **Mini WIDs** | | | | | |
| **NPNC e-Thread: [NewWID – NPNC]** | | | | | |
| WID | [S1-211055](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\Docs\S1-211055.zip) | Philips | New WID on clarifying NPN requirements | Noted |  |
| Cont | [S1-211057](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\Docs\S1-211057.zip) | Philips | Justification and discussion on clarifying NPN requirements | Noted |  |
| CR | [S1-211058](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\Docs\S1-211058r1.zip) | Philips | CR18.2.0v18.2.0 Clarification of NPN requirements in 22.261 | Noted | *WI code Dummy* *Rel-18 CR0518R- Cat B* |
| **MPS\_WLAN e-Thread: [NewWID – MPS\_WLAN]** | | | | | |
| WID | [S1-211097](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\Docs\S1-211097.zip) | Perspecta Labs, CISA ECD, AT&T, T-Mobile US, Verizon | New WID on MPS when access to EPC/5GC is WLAN | Noted |  |
| CR | [S1-211098](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\Docs\S1-211098r1.zip) | Perspecta Labs, CISA ECD, AT&T, T-Mobile US, Verizon | CR22.153v17.2.0 MPS when access to EPC/5GC is WLAN | Noted | *WI code -* *Rel-18 CRXXXXR- Cat B*  *Format errors in cover page. No CR number.* |
| **UEset e-Thread: [NewWID – UEset]** | | | | | |
| WID | [S1-211123](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\Docs\S1-211123.zip) | NTT DOCOMO | New WID on UE's usage setting update | Noted |  |
| CR | [S1-211124](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\Docs\S1-211124r02.zip) | NTT DOCOMO | CR22.261v18.2.0 UE's usage setting update | Noted | *WI code* UEset *Rel-18 CR0521R- Cat C* |
| **eCAV2 e-Thread: [NewWID – eCAV2]** | | | | | |
| WID | [S1-211256](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\Docs\S1-211256.zip) | Qualcomm | New mini WID on eCAV enhancements | Noted |  |
| CR | [S1-211257](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\Docs\S1-211257.zip) | Qualcomm | CR22.104v18.0.0 on eCAV enhancements | Noted | *WI code* eCAV2 *Rel-18 CR0074R- Cat B* |
| **SENSE e-Thread: [NewWID – SENSE]** | | | | | |
| WID | [S1-211048](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\Docs\S1-211048r1.zip) | Deutsche Telekom, Charter Communications, China Telecom, KDDI, KPN, Orange, Telecom Italia, Convida Wireless, IDEMIA, LG Electronics, Philips, Thales, vivo | WID Signal level Enhanced Network Selection |  | 048r2 |
| CR | [S1-211050](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\Docs\S1-211050r2.zip) | Deutsche Telekom, Charter Communications, China Telecom, KDDI, KPN, Orange, Telecom Italia, Convida Wireless, IDEMIA, LG Electronics, Philips, Thales, vivo | CR22.011v17.3.0 Signal level Enhanced Network Selection |  | *WI code Dummy* *Rel-18 CR0322R1 Cat B*  050r4 |
| Cont | [S1-211163](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\Docs\S1-211163.zip) | Apple | Network selection improvements for long-lasting connectivity problems | Noted |  |
| CR | [S1-211165](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\Docs\S1-211165.zip) | Apple | CR22.011v17.3.0 on Network Selection for long-lasting connection problems | Noted | *WI code* SENSE *Rel-18 CR0323R- Cat B* |
| **SCVS e-Thread: [NewWID – SCVS]** | | | | | |
| Cont | [S1-211105](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\Docs\S1-211105.zip) | Xiaomi | 5G system with satellite access to Support Control and/or Video Surveillance | Noted |  |
| WID | [S1-211106](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\Docs\S1-211106.zip) | Xiaomi | New WID on 5G system with satellite access to Support Control and/or Video Surveillance |  | 106r3 |
| CR | [S1-211107](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\Docs\S1-211107.zip) | Xiaomi | CR22.261v18.2.0 Update to KPIs for a 5G system with satellite access for support control and/or video surveillance |  | *WI code* SCVC *Rel-18 CR0519R- Cat B*  107r1 |
| **5GHAPS e-Thread: [NewWID – 5GHAPS]**  **Bl** | | | | | |
| WID | [S1-211162](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\Docs\S1-211162.zip) | China Unicom | 5G system with High Altitude Platform Station (HAPS) |  | orig |
| Cont | [S1-211161](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\Docs\S1-211161.zip) | China Unicom | Discussion on 5G system with HAPS | Noted |  |
| Cont | [S1-211299](C:\\Users\\almodovarchicojl\\Desktop\\TSGS1_94e_ElectronicMeeting\\docs\\S1-211299.zip) | China Unicom | Motivation of new WID on 5G system with High Altitude Platform Station (HAPS) | Noted |  |
| CR | [S1-211164](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\Docs\S1-211164.zip) | China Unicom | CR22.261v18.2.0 KPI for 5G system with HAPS |  | *WI code* HAPS *Rel-18 CR0522R- Cat B*  *164r1* |
| **5GSATB e-Thread: [NewWID – 5GSATB]**  **Block B** | | | | | |
| WID | [S1-211176](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\Docs\S1-211176.zip) | CATT, China Telecom | New WID on 5G system with satellite backhaul |  | 176V1 (@author please correct the format and follow the guidelines) |
| Cont | [S1-211175](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\Docs\S1-211175.zip) | CATT, China Telecom | Discussion on satellite backhaul | Noted |  |
| CR | [S1-211179](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\Docs\S1-211179r1.zip) | CATT, China Telecom | CR22.261v18.2.0 Requirements for satellite backhaul |  | *WI code* 5GSATB *Rel-18 CR0525R- Cat B*  179r2 |
| OUT | [S1-211117](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\Docs\S1-211117.zip) | LG Electronics | Reply LS on HPLMN control of devices that should not use disaster roaming service | Moved to 3 |  |
| OUT | [S1-211118](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\Docs\S1-211118.zip) | LG Electronics | Reply LS on disaster roaming and non-public network hosted by a PLMN | Moved to 3 |  |
| CR | [S1-211108](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\Docs\S1-211108.zip) | Xiaomi | CR22.261v18.2.0 Clarification to services provided by 5G satellite access | Moved to 8 | *WI code* TEI18 *Rel-18 CR0520R- Cat F* |
| Quality improvement contributions Quality improvements to requirements in TRs or TSs are encouraged (pCRs or CRs). In order to allow delegates to provide quality improvement contributions for work/study items where they do not want to attend drafting sessions, contributions submitted to this agenda item are handled in plenary. | | | | | |
| Cont | [S1-211035](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211035.zip) | Siemens, Nokia, Nokia Shanghai Bell | Discussion of quality improvement CRs (in particular S1-211025, S1-211026, and S1-211030) | Noted | No discussion thread. Discussions will be focused on independent CRs |
| CR | [S1-211022](file:///C:\\Users\\almodovarchicojl\\Desktop\\TSGS1_94e_ElectronicMeeting\\Docs\\S1-211022.zip) | Siemens, Nokia, Nokia Shanghai Bell | CR22.261v18.2.0 – quality improvement – update of Annex C | Agreed | **e-Thread: [CR\_Quality- 1]**  *WI code* TEI18 *Rel-18 CR0508R0 Cat D*  *Revision should be -. WI code would be better with TEl18, eCAV*  022r2 agreed |
| CR | [S1-211024](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\Docs\S1-211024.zip) | Siemens, Nokia, Nokia Shanghai Bell | CR22.104v18.0.0 – quality improvement – addition of new annex (relationship between reliability and communication service availability) | Agreed | **e-Thread: [CR\_Quality- 2]**  *WI code* TEI18 *Rel-18 CR0066R0 Cat D*  *Revision should be -. WI code would be better with TEl18, eCAV*  024r3 agreed |
| CR | [S1-211025](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\Docs\S1-211025.zip) | Siemens, Nokia, Nokia Shanghai Bell | CR22.261v17.6.0 – quality improvement – updating the definition of communication service availability | Agreed | **e-Thread: [CR\_Quality- 3]**  *WI code* TEI18 *Rel-17 CR0510R0 Cat D*  *Revision should be -. WI code would be better with TEl18, eCAV*  025r4 agreed |
| CR | S1-211294 | Siemens, Nokia, Nokia Shanghai Bell | CR22.261v18.2.0 – quality improvement – updating the definition of communication service availability | Agreed | **e-Thread: [CR\_Quality- 3]**  *WI code* TEI18 *Rel-18 CR0530R- Cat A*  294r1 agreed |
| CR | [S1-211026](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\Docs\S1-211026.zip) | Siemens, Nokia, Nokia Shanghai Bell | CR22.104v17n.X.X quality improvement – update of communication service definition | Agreed | **e-Thread: [CR\_Quality- 4]**  *WI code* TEI17 *Rel-17 CR0067R0 Cat D*  *Revision should be -. WI code would be better with TEl-18, eCAV*  026r4 agreed |
| CR | S1-211295 | Siemens, Nokia, Nokia Shanghai Bell | CR22.104v18.0.0 – quality improvement – update of communication service definition | Agreed | **e-Thread: [CR\_Quality- 4]**  *WI code* TEI18 *Rel-18 CR0075R0 Cat D*  295r1 agreed |
| CR | [S1-211027](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\Docs\S1-211027.zip) | Volkswagen AG, Siemens, Nokia, Nokia Shanghai Bell | CR22.104v18.0.0 – quality improvement – update of mobile-robots use case description | Agreed | **e-Thread: [CR\_Quality- 5]**  *WI code* TEI18 *Rel-18 CR0068R0 Cat D*  *Revision should be -. WI code would be better with TEl18, eCAV*  027r2 agreed |
| CR | [S1-211028](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\Docs\S1-211028.zip) | Volkswagen, Siemens, Spreadtrum, Nokia, Nokia Shanghai Bell, ETRI | CR22.104v18.0.0 – quality improvement – correction of mobile-robot use cases (UE number) | Agreed | **e-Thread: [CR\_Quality- 6]**  *WI code* TEI18 *Rel-18 CR0069R0 Cat F*  *Revision should be -. WI code would be better with TEl18, eCAV*  028r2 agreed |
| CR | [S1-211029](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\Docs\S1-211029.zip) | Siemens, Nokia, Nokia Shanghai Bell | CR22.104v18.0.0 – quality improvement – service duration | Agreed | **e-Thread: [CR\_Quality- 7]**  *WI code* TEI18 *Rel-18 CR0070R0 Cat D*  *Revision should be -. WI code would be better with TEl18, eCAV*  029r1 agreed |
| CR | [S1-211030](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\Docs\S1-211030.zip) | Siemens, Nokia, Nokia Shanghai Bell | CR22.104v18.0.0 – quality improvement – update of Annex C.1 | Withdrawn | **e-Thread: [CR\_Quality- 8]**  *WI code* TEI18 *Rel-18 CR0071R0 Cat D*  *Revision should be -. WI code would be better with TEl18, eCAV* |
| CR | [S1-211031](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211031.zip) | Siemens, Nokia, Nokia Shanghai Bell | CR22.261v17.6.0 – quality improvement – clarification of QoS-monitoring requirement |  | **e-Thread: [CR\_Quality- 9]**  *WI code* TEI18 *Rel-17 CR0511R0 Cat D*  *Revision should be -. WI code would be better with TEl18, eCAV*  031r4 |
| CR | [S1-211314](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211314.zip) | Siemens, Nokia, Nokia Shanghai Bell | CR22.261v18.2.0 – quality improvement – clarification of QoS-monitoring requirement |  | **e-Thread: [CR\_Quality- 9]**  *WI code* TEI18 *Rel-18 CR0531R- Cat A*  orig. |
| CR | [S1-211032](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211032.zip) | Siemens, Nokia, Nokia Shanghai Bell | CR22.261v18.2.0 – quality improvement – update of annex D | Agreed | **e-Thread: [CR\_Quality- 10]**  *WI code* TEI18 *Rel-18 CR0512R0 Cat D*  *Revision should be -. WI code would be better with TEl18, Ecav*  032r2 agreed |
| CR | [S1-211033](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211033.zip) | Siemens, Nokia, Nokia Shanghai Bell | CR22.261v18.2.0 – quality improvement – update of clause F.1 | Agreed | **e-Thread: [CR\_Quality- 11]**  *WI code* TEI18 *Rel-18 CR0513R0 Cat D*  *Revision should be -. WI code would be better with TEl18, eCAV*  033r2 agreed |
| CR | [S1-211034](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211034.zip) | Siemens, Nokia, Nokia Shanghai Bell | CR22.261v18.2.0 – quality improvement – voiding annex A and B | Agreed | **e-Thread: [CR\_Quality- 12]**  *WI code* TEI18 *Rel-18 CR0514R0 Cat D*  *Revision should be -. WI code would be better with TEl18, eCAV*  034r2 agreed |
| CR | [S1-211168](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211168.zip) | ETRI | CR 22.261v17.6.0 Editorial correction for network capability exposure and abbreviation | Agreed | **e-Thread: [CR\_Quality- 13]**  *WI code* TEI17 *Rel-17 CR0523R- Cat D*  168r1 agreed |
| CR | [S1-211173](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211173.zip) | ETRI | CR 22.261v18.2.0 Editorial correction for network capability exposure and abbreviation | Agreed | **e-Thread: [CR\_Quality- 13]**  *WI code TEI17* *Rel-18 CR0524R- Cat A*  173r1 agreed |
| CR | [S1-211223](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211223.zip) | ETRI, Siemens | CR22.263v17.6.0 Updating the definition of communication service availability | Agreed | **e-Thread: [CR\_Quality- 14]**  *WI code* AVPROD *Rel-17 CR0074R0 Cat D*  223r1 agreed |
| CR | S1-211023 | Siemens | CR22.104v18.0.0 – quality improvement – addition of new annex (relationship between reliability and communication service availability) | Withdrawn |  |
| Rel-17 and earlier contributions | | | | | |
| Rel-17 correction and clarification CR | | | | | |
| CR | [S1-211077](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211077.zip) | BDBOS | CR22.280v17.5.0 Enhancement of MCX UE de-affiliation requirements | Agreed | **e-Thread: [CR\_Rel17- 1]**  *WI code* MONASTERY2 *Rel-18 CR0145R. Cat C*  077r2 agreed |
| 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. | | | | | |
| Rel-16 and earlier CRs (other than alignment) | | | | | |
| Rel18 contributions | | | | | |
| MMTELin5G | | | | | |
| FS\_MMTELin5G: Study on evolution of IMS multimedia telephony service [[SP-190836](https://portal.3gpp.org/ngppapp/CreateTdoc.aspx?mode=view&contributionId=1047354)] | | | | | |
| **Work status prior to this meeting:**  Rapporteur: Yan Di (China Mobile)  Latest version: [TR22.873v0.5.0](https://www.3gpp.org/ftp/Specs/archive/22_series/22.873/22873-050.zip)  Target completion date: SA#93 (09/2021)  Percentage completion: 75% | | | | **Details e-mail discussion** :  Moderator: XIA Xu  # e-threads: 4  Block A | |
| Cont | [S1-211112](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211112r2.zip) | China Mobile | FS\_MMTELin5G Use case on real-time interactive menu |  | **e-Thread: [FS\_MMTEL- 1]**  1124r4 |
| Cont | [S1-211160](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211160r1.zip) | Huawei, China Mobile, Deutsche Telekom, Vodafone | Update to clause 5.5 “Multimedia CLIP and COLP” |  | **e-Thread: [FS\_MMTEL- 2]**  160r1 |
| Cont | [S1-211110](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211110.zip) | China Mobile | FS\_MMTELin5G Additional considerations |  | **e-Thread: [FS\_MMTEL- 3]**  110r1 |
| Cont | [S1-211111](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211111r3.zip) | China Mobile | FS\_MMTELin5G Consolidated potential requirements |  | **e-Thread: [FS\_MMTEL- 4]**  111r5 |
| Cont | [S1-211142](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211142.zip) | Toyota | FS\_Resident: New use case on Multicast/Broadcast | Moved to 7.11.1 |  |
| FS\_MMTELin5G output | | | | | |
| TR | [S1-211037](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211037.zip) | China Mobile | FS\_MMTELin5G Cover Page |  | First draft by Mon 24th 23:00 UTC  Comments till Wed 26th 23:00UTC  Final version by Thu27th 23:00UTC |
| TR | [S1-211300](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211300.zip) | Rapporteur (China Mobile) | TR22.873 v0.6.0 to include agreements at this meeting |  | First draft by Mon 24th 23:00 UTC  Comments till Wed 26th 23:00UTC  Final version by Thu27th 23:00UTC |
| SACI\_MCS | | | | | |
| FS\_ SACI\_MCS: Study on sharing administrative configuration between interconnected MCX Service systems [[SP-190837](https://portal.3gpp.org/ngppapp/CreateTdoc.aspx?mode=view&contributionId=1047355)] | | | | | |
| **Work status prior to this meeting:**  Rapporteur: Jens Toobe, (BDBOS)  Latest version: [TR22.881v0.4.0](https://www.3gpp.org/ftp/Specs/archive/22_series/22.881/22881-040.zip)  Target completion date: SA#91 (06/2021)  Percentage completion: 55% | | | | **Details e-mail discussion** :  Moderator: XIA Xu  # e-threads: 2  Block A | |
| Cont | [S1-211059](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211059r1.zip) | BDBOS | FS\_SACI\_MCS consolidated potential requirements | Agreed | **e-Thread: [FS\_ SACI\_MCS - 1]**  r1 agreed |
| Cont | [S1-211084](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211084.zip) | BDBOS | FS\_SACI\_MCS Conclusions and recommendations | Agreed | **e-Thread: [FS\_ SACI\_MCS - 2]** |
| FS\_ SACI\_MCS output | | | | | |
| TR | [S1-211060](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211060.zip) | BDBOS | Cover page for presentation of TR22.881 |  | First draft by Mon 24th 23:00 UTC  Comments till Wed 26th 23:00UTC  Final version by Thu27th 23:00UTC |
| TR | [S1-211301](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211301.zip) | Rapporteur (BDBOS) | TR22.881 v0.5.0 to include agreements at this meeting |  | First draft by Mon 24th 23:00 UTC  Comments till Wed 26th 23:00UTC  Final version by Thu27th 23:00UTC |
| RAILSS | | | | | |
| FS\_RAILSS: Study on Supporting of Railway Smart Station Services [[SP-190838](https://portal.3gpp.org/ngppapp/CreateTdoc.aspx?mode=view&contributionId=1047356)] | | | | | |
| **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 :30% | | | | | |
| AMMT | | | | | |
| FS\_AMMT: Study on AI/ML Model Transfer in 5GS [[SP-191040](https://portal.3gpp.org/ngppapp/CreateTdoc.aspx?mode=view&contributionId=1081940)] | | | | | |
| **Work status prior to this meeting:**  Rapporteur: Jia SHEN (OPPO)  Latest version: [TR22.874v1.0.0](https://ftp.3gpp.org/Specs/archive/22_series/22.874/22874-100.zip)  Target completion date: SA#91 (03/2021)  Percentage completion: 75% | | | | **Details e-mail discussion** :  Moderator: Greg Schumacher  # e-threads: 16  Block A | |
| **General** | | | | | |
| Cont | [S1-211074](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211074.zip) | OPPO | FS\_AMMT – Editorial corrections |  | **e-Thread: [FS\_ AMMT - 1]**  074r2 |
| Cont | [S1-211068](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211068.zip) | OPPO | FS\_AMMT – Introduction, definitions, abbreviations and overview |  | **e-Thread: [FS\_ AMMT - 2]**  068r2 |
| **Former use cases** | | | | | |
| Cont | [S1-211137](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211137.zip) | OPPO | FS\_AMMT update to Split AI/ML image recognition |  | **e-Thread: [FS\_ AMMT - 3]**  137r2 |
| Cont | [S1-211069](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211069.zip) | OPPO | Updates to AMMT use case – Split AI/ML image recognition |  | **e-Thread: [FS\_ AMMT - 3]**  069r1 |
| Cont | [S1-211253](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211253.zip) | Qualcomm | Update\_cleanup to Use case 5.2 |  | **e-Thread: [FS\_ AMMT - 4]**  253r1 |
| Cont | [S1-211254](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211254.zip) | Qualcomm | Update\_cleanup to Use case 5.3 | Agreed | **e-Thread: [FS\_ AMMT - 5]** |
| Cont | [S1-211070](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211070.zip) | OPPO | Updates to AMMT use case – Split control for robotics |  | **e-Thread: [FS\_ AMMT - 6]**  070r2 |
| Cont | [S1-211044](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211044.zip) | InterDigital, OPPO | FS\_AMMT: Clarification of description and pre-conditions of use case 5.5 |  | **e-Thread: [FS\_ AMMT - 6]**  044r2 |
| Cont | [S1-211045](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211045r2.zip) | InterDigital, OPPO | FS\_AMMT: Additional requirements for use case 5.5 |  | **e-Thread: [FS\_ AMMT - 6]**  045r6 |
| Cont | [S1-211138](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211138.zip) | OPPO | FS\_AMMT update to AIML model distribution for image recognition |  | **e-Thread: [FS\_ AMMT - 7]**  138r4 |
| Cont | [S1-211071](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211071.zip) | OPPO | Updates to AMMT use case – AI/ML model distribution for image recognition |  | **e-Thread: [FS\_ AMMT - 7]**  071r1 |
| Cont | [S1-211252](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211252.zip) | Qualcomm | Update\_cleanup to Use case 6.5 |  | **e-Thread: [FS\_ AMMT - 8]**  252r1 |
| Cont | [S1-211190](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211190.zip) | Nokia, Nokia Shanghai Bell | Updates to AMMT use case – Shared AI/ML model monitoring |  | **e-Thread: [FS\_ AMMT - 9]**  190r3 |
| Cont | [S1-211212](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211212.zip) | InterDigital | FS\_AMMT: Use case update – clause 6.6 | Merge into 1190r2 | **e-Thread: [FS\_ AMMT - 9]** |
| Cont | [S1-211073](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211073.zip) | OPPO | Updates to AMMT use case – Uncompressed Federated Learning for image recognition |  | **e-Thread: [FS\_ AMMT - 10]**  073r1 |
| Cont | [S1-211144](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211144r7.zip) | TOYOTA | Update to AMMT use case - Uncompressed Federated Learning for image recognition |  | **e-Thread: [FS\_ AMMT - 10]**  144r10 |
| Cont | [S1-211261](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211261.zip) | LG Electronics | Editorial Update for Compressed Federated Learning for image/video |  | **e-Thread: [FS\_ AMMT - 11]**  261r2 |
| Cont | [S1-211217](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211217.zip) | LG Electronics | Clean-up for Data Transfer Disturbance in Multi-agent multi-device ML Operations |  | **e-Thread: [FS\_ AMMT - 12]**  217r3 |
| Cont | [S1-211072](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211072.zip) | OPPO | Updates to AMMT use case – AI/ML model distribution for speech recognition |  | **e-Thread: [FS\_ AMMT - 13]**  072r1 |
| **Consolidation** | | | | | |
| Cont | [S1-211135](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211135.zip) | OPPO | Proposal for consolidated potential requirement in FS\_AMMT |  | **e-Thread: [FS\_ AMMT - 14]**  135r8 |
| Cont | [S1-211067](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211067.zip) | OPPO | Proposal for AMMT consolidated requirements – KPI |  | **e-Thread: [FS\_ AMMT - 15]**  067r8 |
| Cont | [S1-211075](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211075.zip) | OPPO | FS\_AMMT – Conclusion and recommendations | Agreed | **e-Thread: [FS\_ AMMT - 16]** |
| Cont | [S1-211136](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211136.zip) | OPPO | FS\_AMMT update to Split AI/ML image recognition | Withdrawn |  |
| FS\_AMMT: output | | | | | |
| TR | [S1-211302](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211302.zip) | Rapporteur (OPPO) | Cover page for presentation/approval of TR22.874v1.1.0 |  | First draft by Mon 24th 23:00 UTC  Comments till Wed 26th 23:00UTC  Final version by Thu27th 23:00UTC |
| TR | [S1-211303](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211303.zip) | Rapporteur (OPPO) | TR22.874v1.1.0 to include agreements at this meeting |  | First draft by Mon 24th 23:00 UTC  Comments till Wed 26th 23:00UTC  Final version by Thu27th 23:00UTC |
| 5GET | | | | | |
| FS\_ 5GET: Study on Services with Extra-territorial 5G systems [[SP-191042](https://portal.3gpp.org/ngppapp/CreateTdoc.aspx?mode=view&contributionId=1081942)] | | | | | |
| **Work status prior to this meeting:**  Rapporteur: Nicolas Chuberre (Thales)  Latest version: [TR22.926 v0.3.0](https://www.3gpp.org/ftp/Specs/archive/22_series/22.926/22926-030.zip)  Target completion date: SA#91 (03/2021)  Percentage completion: 50% | | | | **Details e-mail discussion** :  Moderator: Toon Norp  # e-threads: 6  Block B | |
| Cont | [S1-211317](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211317.zip) | Rapporteur (THALES) | 22.926 title correction | Endorsed |  |
| Cont | [S1-211196](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211196.zip) | Samsung | 22.926 P-CR: Scope and Overview Improvements | Agreed | **e-Thread: [FS\_ 5GET - 1]**  196r1 agreed |
| Cont | [S1-211191](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211191.zip) | Samsung | 22.926 P-CR: UE and Network operating in Aeronautical or Maritime Areas |  | **e-Thread: [FS\_ 5GET - 2]**  191r2 |
| Cont | [S1-211192](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211192.zip) | Samsung | 22.926 P-CR: Exclusion Area Aspects |  | **e-Thread: [FS\_ 5GET - 3]**  192r1 |
| Cont | [S1-211193](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211193.zip) | Samsung | 22.926 P-CR: Regulatory Aspects of Extraterritorial Areas |  | **e-Thread: [FS\_ 5GET - 4]**  193r1 |
| Cont | [S1-211194](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211194.zip) | Samsung | 22.926 P-CR: UE Migration between Areas |  | **e-Thread: [FS\_ 5GET - 5]**  194r1 |
| Cont | [S1-211195](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211195.zip) | Samsung | 22.926 P-CR: Regulatory Services per Location |  | **e-Thread: [FS\_ 5GET - 6]**  195r2 |
| FS\_ 5GET output | | | | | |
| TR | S1-211304 | Rapporteur (THALES) | TR22.926v0.4.0 to include agreements at this meeting |  | First draft by Mon 24th 23:00 UTC  Comments till Wed 26th 23:00UTC  Final version by Thu27th 23:00UTC |
| EASNS | | | | | |
| FS\_EASNS: Study on Enhanced Access to and Support of Network Slice [[SP-200571](https://portal.3gpp.org/ngppapp/CreateTdoc.aspx?mode=view&contributionId=1133448)] | | | | | |
| **Work status prior to this meeting:**  Rapporteur: SungDuck Chun (LG Electronics)  Latest version: [TR22.835v18.0.0](https://www.3gpp.org/ftp/Specs/archive/22_series/22.835/22835-i00.zip)  Target completion date: SA#91 (03/2021)  Percentage completion: 85% | | | | **Details e-mail discussion** :  Moderator: Mark Younge  # e-threads: 4  Block A | |
| Cont | [S1-211012](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211012r1.zip) | LG Electronics | CR22.835v18.0.0 Resolution of Editor’s NOTE and consolidation of remaining requirements in TR 22.835 | Noted | **e-Thread: [FS\_ EASNS - 1]** |
| CR | [S1-211010](C:\\Users\\almodovarchicojl\\Desktop\\TSGS1_94e_ElectronicMeeting\\docs\\S1-211010r3.zip) | LG Electronics | CR22.835v18.0.0 on Resolution of Editor’s NOTE and consolidation of remaining requirements | Agreed | **e-Thread: [FS\_ EASNS - 1]**  *WI code* FS\_EASNS *Rel-18 CR0001R- Cat B*  010r5 agreed |
| CR | [S1-211018](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211018.zip) | Nokia, Nokia Shanghai Bell | CR22.835v18.0.0 Clarification on charging requirement | Agreed | **e-Thread: [FS\_ EASNS - 2]**  *WI code* FS\_EASNS *Rel-18 CR0002R- Cat F* |
| CR | [S1-211169](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211169r2.zip) | Apple | CR22.835v18.0.0 Clarification for simultaneous access to multiple slices on different PLMNs | Agreed | **e-Thread: [FS\_ EASNS - 3]**  *WI code* FS\_EASNS *Rel-18 CR0003R- Cat C*  169r4 agreed |
| Cont | [S1-211177](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211177.zip) | Huawei | Discussion on network slice selection mechanism | Noted | **e-Thread: [FS\_ EASNS – 4]** |
| CR | [S1-211178](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211178r02.zip) | Huawei | CR22.835v18.0.0 Update to the requirements of application-based preference | Agreed | **e-Thread: [FS\_ EASNS - 4]**  *WI code* FS\_EASNS *Rel-18 CR0004R- Cat B*  178r5 agreed |
| EASNS: Enhanced Access to and Support of Network Slice [[SP-210210](https://portal.3gpp.org/ngppapp/CreateTdoc.aspx?mode=view&contributionId=1201169)] | | | | | |
| **Work status prior to this meeting:**  Rapporteur: SungDuck Chun (LG Electronics)  Target completion date: SA#93 (09/2021)  Percentage completion: 0% | | | | **Details e-mail discussion** :  Moderator: Mark Younge  # e-threads: 1  Block A | |
| CR | [S1-211011](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211011r2.zip) | LG Electronics | New service requirements for EASNS |  | **e-Thread: [EASNS - 1]**  011r4 |
| OffNetRail | | | | | |
| FS\_OffNetRail: Study on Off-Network for Rail [[SP-200572](https://portal.3gpp.org/ngppapp/CreateTdoc.aspx?mode=view&contributionId=1133449)] | | | | | |
| **Work status prior to this meeting:**  Rapporteur: Guillaume Gach (UIC)  Latest version: [TR22.990v0.3.0](https://www.3gpp.org/ftp/Specs/archive/22_series/22.990/22990-030.zip)  Target completion date: SA#91 (06/2021)  Percentage completion: 50% | | | | | |
| Cont | [S1-211021](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211021.zip) | KRRI | “Virtual coupling” use case | Noted | Authors agreed to bring back the contribution next SA1#95. |
| 5TRS | | | | | |
| FS\_5TRS: Study New SID on 5G Timing Resiliency System [[SP-200573](https://portal.3gpp.org/ngppapp/CreateTdoc.aspx?mode=view&contributionId=1133450)] | | | | | |
| **Work status prior to this meeting:**  Rapporteur: Betsy Covell (Nokia)  Latest version: [TR22.878v18.0.0](https://www.3gpp.org/ftp/Specs/archive/22_series/22.878/22878-i00.zip)  Target completion date: SA#91 (03/2021)  Percentage completion: 97% | | | | **Details e-mail discussion** :  Moderator: Jose Almodovar  # e-threads: 3  Block B | |
| CR | [S1-211013](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211013.zip) | Nokia, Nokia Shanghai Bell | CR22.878v18.0.0.0 Update of inclusive language | Agreed | **e-Thread: [FS\_5TRS - 1]**  *WI code* FS\_5TRS *Rel-18 CR0001R- Cat D* |
| Cont | [S1-211147](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211147.zip) | Huawei | Discussion on Holdover | Noted | **e-Thread: [FS\_5TRS - 2]** |
| CR | [S1-211148](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211148r3.zip) | Huawei | CR22.878v18.0.0.0 Corrections of holdover related aspects | Agreed | **e-Thread: [FS\_5TRS - 2]**  *WI code* FS\_5TRS *Rel-18 CR0002 R- Cat F*  *r4 (no changes on cover page)* |
| CR | [S1-211255](C:\\Users\\almodovarchicojl\\Desktop\\TSGS1_94e_ElectronicMeeting\\docs\\S1-211255r1.zip) | Qualcomm | CR22.878v18.0.0.0 Clarifications to 5TRS requirements | Noted | **e-Thread: [FS\_5TRS - 3]**  Needs to be converted to a CR |
| 5TRS: 5G Timing Resiliency System [[SP-210211](https://portal.3gpp.org/ngppapp/CreateTdoc.aspx?mode=view&contributionId=1201170)] | | | | | |
| **Work status prior to this meeting:**  Rapporteur: Betsy Covell (Nokia)  Target completion date: SA#93 (09/2021)  Percentage completion: 0% | | | | **Details e-mail discussion** :  Moderator: Jose Almodovar  # e-threads: 2  Block B | |
| CR | [S1-211016](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211016r2.zip) | Nokia, Nokia Shanghai Bell | CR22.261v18.2.0 5G timing resiliency |  | **e-Thread: [5TRS - 1]**  *WI code* 5TRS *Rel-18 CR0507 R- Cat B*  016r3 |
| CR | [S1-211017](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211017r1.zip) | Nokia, Nokia Shanghai Bell | CR22.104v18.0.0 5G timing resiliency |  | **e-Thread: [5TRS - 2]**  *WI code* 5TRS *Rel-18 CR0065 R- Cat B*  017r2 |
| 5GSEI | | | | | |
| FS\_5GSEI: Study on 5G Smart Energy and Infrastructure (FS\_5GSEI) [[SP-200574](https://portal.3gpp.org/ngppapp/CreateTdoc.aspx?mode=view&contributionId=1133451)] | | | | | |
| **Work status prior to this meeting:**  Rapporteur: XIA Xu (China Telecom)  Latest version: [TR22.867v1.0.0](https://ftp.3gpp.org/Specs/archive/22_series/22.867/22867-100.zip)  Target completion date: SA#92 (06/2021)  Percentage completion: 75% | | | | **Details e-mail discussion** :  Moderator: Jose Almodovar  # e-threads: 10  Block B | |
| **Former use cases** | | | | | |
| Cont | [S1-211101](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211101.zip) | CEPRI, ZTE Corporation, China Telecom | remove the editor notes in section 5.1.5 and 5.1.6 | Agreed | **e-Thread: [FS\_5GSEI - 1]** |
| Cont | [S1-211102](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211102.zip) | CEPRI, ZTE Corporation, China Telecom | Add reference for KPI in section 5.2 | Agreed | **e-Thread: [FS\_5GSEI - 2]**  102r1 agreed |
| Cont | [S1-211103](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211103.zip) | CEPRI, ZTE, China Telecom | remove the editor notes in section 5.3 | Agreed | **e-Thread: [FS\_5GSEI - 3]**  103r1 agreed |
| Cont | [S1-211104](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211104.zip) | ZTE, China Telecom, CEPRI | update KPI table and question to section 5.5.6 | Agreed | **e-Thread: [FS\_5GSEI - 4]**  104r1 agreed |
| Cont | [S1-211206](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211206.zip) | Samsung, EUTC | Availability considerations for critical energy distribution substations | Noted | **e-Thread: [FS\_5GSEI - 5]** |
| Cont | [S1-211208](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211208r3.zip) | Samsung, EUTC | 22.867 P-CR: FS\_5GSEI P-CR for 5.7 – revisiting requirements |  | **e-Thread: [FS\_5GSEI - 5]**  208r3 |
| Cont | [S1-211109](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211109.zip) | CEPRI, ZTE, China Telecom | Add a KPI table for section 5.8 | Agreed | **e-Thread: [FS\_5GSEI - 6]**  109r1 agreed |
| Cont | [S1-211141](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211141r1.zip) | Huawei | Update to the Use Case of 5\_13 supporting communication for the transmission of synchrophasors in wide-area smart grid | Agreed | **e-Thread: [FS\_5GSEI - 7]**  **r1 agreed** |
| Cont | [S1-211170](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211170r1.zip) | Huawei | Update to the Use Case of 5\_16 Protection of DER and grid interconnection |  | **e-Thread: [FS\_5GSEI - 8]**  170r3 |
| **Former use cases** | | | | | |
| Cont | [S1-211153](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211153.zip) | China Telecom | Proposal for consolidated potential requirements in FS\_5GSEI |  | **e-Thread: [FS\_5GSEI - 9]**  153r2 |
| Cont | [S1-211152](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211152.zip) | China Telecom | Consolidated KPI for FS\_SEI |  | **e-Thread: [FS\_5GSEI - 10]**  152r2 |
| Cont | [S1-211143](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211143.zip) | Huawei | Update to the Use Case of 5\_16 Protection of DER and grid interconnection | Withdrawn |  |
| FS\_5GSEI output | | | | | |
| TR | S1-211305 | Rapporteur (China Telecom) | Cover page for presentation/approval of TR22.867v1.1.0 |  | First draft by Mon 24th 23:00 UTC  Comments till Wed 26th 23:00UTC  Final version by Thu27th 23:00UTC |
| TR | S1-211306 | Rapporteur (China Telecom) | TR22.867v1.1.0 to include agreements at this meeting |  | First draft by Mon 24th 23:00 UTC  Comments till Wed 26th 23:00UTC  Final version by Thu27th 23:00UTC |
| Ranging | | | | | |
| FS\_Ranging: Study on Ranging-based Services [[SP-200575](https://portal.3gpp.org/ngppapp/CreateTdoc.aspx?mode=view&contributionId=1133452)] | | | | | |
| **Work status prior to this meeting:**  Rapporteur: Xiaowei jiang (Xiaomi)  Latest version: [TR22.855v1.0.0](https://ftp.3gpp.org/Specs/archive/22_series/22.855/22855-100.zip)  Target completion date: SA#91 (03/2021)  Percentage completion: 80% | | | | **Details e-mail discussion** :  Moderator: Erik Guttman  # e-threads: 2  Block A | |
| Cont | [S1-211125](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211125.zip) | Spreadtrum Communications | FS\_Ranging: Update on the use case of 5.12 Finding pets in a long distance based on energy efficient Ranging | Agreed | **e-Thread: [FS\_** **Ranging - 1]** |
| Cont | [S1-211015](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211015.zip) | Xiaomi | FS\_Ranging consolidated requirements |  | **e-Thread: [FS\_** **Ranging - 2]**  015r4 |
| Cont | [S1-211053](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211053.zip) | Huawei | CR for Ranging Consolidation |  | **e-Thread: [FS\_** **Ranging - 2]**  orig. |
| Ranging: Ranging-based Services [[SP-210212](https://portal.3gpp.org/ngppapp/CreateTdoc.aspx?mode=view&contributionId=1201171)] | | | | | |
| **Work status prior to this meeting:**  Rapporteur: Xiaowei jiang (Xiaomi)  Target completion date: SA#92 (06/2021)  Percentage completion: 0% | | | | **Details e-mail discussion** :  Moderator: Erik Guttman  # e-threads: 1  Block A | |
| CR | [S1-211014](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211014r5.zip) | Xiaomi | CR22.261v18.2.0 Adding High-level and Performance Requirements for Ranging |  | **e-Thread: [Ranging - 1]**  *WI code Ranging Rel-18 CR0506 R- Cat B*  014r10 |
| Resident | | | | | |
| FS\_Resident: Study on Enhancements for Residential 5G [[SP-200576](https://portal.3gpp.org/ngppapp/CreateTdoc.aspx?mode=view&contributionId=1133453)] | | | | | |
| **Work status prior to this meeting:**  Rapporteur: Toon Norp (KPN)  Latest version: [TR22.858v1.0.0](https://ftp.3gpp.org/Specs/archive/22_series/22.858/22858-100.zip)  Target completion date: SA#92 (06/2021)  Percentage completion: 75% | | | | **Details e-mail discussion** :  Moderator: Mona Mustapha  # e-threads: 23  Block A | |
| **General** | | | | | |
| Cont | [S1-211127](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211127.zip) | Spreadtrum Communications | Editorial update for TR 22858 v1.0.0 | Agreed | **e-Thread: [FS\_Resident - 1]** |
| Cont | [S1-211183](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211183.zip) | Nokia, Nokia Shanghai Bell | FS\_RESIDENT terminology cleanup | Agreed | **e-Thread: [FS\_Resident - 1]** |
| Cont | [S1-211232](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211232.zip) | KPN | Removal of considerations sections | Agreed | **e-Thread: [FS\_Resident - 2]** |
| Cont | [S1-211226](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211226.zip) | KPN | Architecture description for Resident |  | **e-Thread: [FS\_Resident - 3]**  226r3 |
| Cont | [S1-211204](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211204.zip) | Apple | eRG and PRAS support of regulatory requirements | Noted | **e-Thread: [FS\_Resident - 4]** |
| Cont | S1-211293 | Apple | eRG and PRAS support of regulatory requirements |  | **e-Thread: [FS\_Resident - 4]**  293r1 |
| **Former use cases** | | | | | |
| Cont | [S1-211182](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211182.zip) | Nokia, Nokia Shanghai Bell | FS\_RESIDENT: eRG roles |  | **e-Thread: [FS\_Resident - 5]**  182r4 |
| Cont | [S1-211047](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211047.zip) | Convida Wireless | FS\_Resident - Update eRG supporting multiple connectivity use case |  | **e-Thread: [FS\_Resident - 6]**  047r7 |
| Cont | [S1-211054](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211054.zip) | InterDigital | FS\_Resident: Resolving the Editor’s note on the use case of seamless switching to a service hosting environment via an evolved residential gateway |  | **e-Thread: [FS\_Resident - 7]**  054r4 |
| Cont | [S1-211056](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211056.zip) | InterDigital | FS\_Resident: Replacing the term service hosting environment |  | **e-Thread: [FS\_Resident - 7]**  056r2 |
| Cont | [S1-211126](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211126.zip) | China Telecom | Update on the use case on the connection of 5G LAN with fixed IP VPN | Noted | **e-Thread: [FS\_Resident - 8]** |
| Cont | [S1-211129](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211129.zip) | Spreadtrum Communications | Clarification on PRAS sharing |  | **e-Thread: [FS\_Resident - 9]**  129r1 |
| Cont | [S1-211132](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211132.zip) | China Telecom | Resolving the Editor's Note on Use case of QoS maintenance from outdoor to indoor |  | **e-Thread: [FS\_Resident - 10]**  132r1 |
| Cont | [S1-211133](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211133.zip) | Huawei, Hisilicon | Update use case 5.15 for multicast service access control for legacy device behind an eRG |  | **e-Thread: [FS\_Resident - 11]**  133r6 |
| Cont | [S1-211145](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211145.zip) | Huawei | Update to the use case of IP traffic offload by eRG in clause 5\_13 |  | **e-Thread: [FS\_Resident - 12]**  145r1 |
| Cont | [S1-211166](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211166.zip) | Apple | Clarification for loss of connectivity to 5GC use case |  | **e-Thread: [FS\_Resident - 13]**  166r5 |
| Cont | [S1-211167](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211167.zip) | Apple | Clean-up of 'off-the-shelf' | Agreed | **e-Thread: [FS\_Resident - 14]**  167r1 agreed |
| **New use cases** | | | | | |
| Cont | [S1-211078](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211078.zip) | InterDigital | FS\_Resident: Providing 5G Multicast-Broadcast Services (5MBS) for devices through eRG |  | **e-Thread: [FS\_Resident - 15]**  078r7 |
| Cont | [S1-211131](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211131.zip) | Spreadtrum Communications | New use case on supporting MBMS |  | **e-Thread: [FS\_Resident - 15]**  orig. |
| Cont | [S1-211142](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211142.zip) | Toyota | FS\_Resident: New use case on Multicast/Broadcast | Merge to S1-211078r3 | **e-Thread: [FS\_Resident - 15]**  Moved from 7.1.1 |
| Cont | [S1-211209](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211209.zip) | Intel | Enable support for PRAS in Customer Premises Network |  | **e-Thread: [FS\_Resident - 16]**  209r5 |
| Cont | [S1-211082](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211082.zip) | InterDigital | FS\_Resident: Use case on enabling minimum user interaction for a relocated evolved residential gateway |  | **e-Thread: [FS\_Resident - 17]**  082r2 |
| Cont | [S1-211083](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211083.zip) | InterDigital | FS\_Resident: Use case on seamless and low latency access for a remote UE in a customer premises network |  | **e-Thread: [FS\_Resident - 18]**  083r1 |
| Cont | [S1-211128](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211128.zip) | Spreadtrum Communications | New use case on default unlicensed spectrum usage |  | **e-Thread: [FS\_Resident - 19]**  128r4 |
| Cont | [S1-211207](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211207.zip) | Intel | Use Case for Identity provisioning to external services behind eRG in CPN |  | **e-Thread: [FS\_Resident - 20]**  207r4 |
| Cont | [S1-211140](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211140.zip) | Toyota | FS\_Resident: New use case on dual connectivity of PRAS and macro base | Noted | **e-Thread: [FS\_Resident - 21]** |
| **Consolidation** | | | | | |
| Cont | [S1-211224](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211224r1.zip) | KPN | Resident and PINs consolidation spreadsheet | Noted |  |
| Cont | [S1-211297](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211297.zip) | Rapporteur (KPN) | Proposed way forward the Resident+PINs requirements consolidation | Noted |  |
| Cont | [S1-211225](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211225.zip) | KPN | Consolidated potential requirements |  | **e-Thread: [FS\_Resident - 22]**  225r1 |
| Cont | [S1-211227](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211227.zip) | KPN | Resident conclusion section |  | **e-Thread: [FS\_Resident - 23]**  227r1 |
| Cont | [S1-211114](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\Docs\S1-211114.zip) | Huawei | Update use case 5.15 for multicast service access control for legacy device behind an eRG | Withdrawn |  |
| FS\_Resident output | | | | | |
| TR | [S1-211307](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211307.zip) | Rapporteur (KPN) | TR22.858v1.1.0 to include agreements at this meeting |  | First draft by Mon 24th 23:00 UTC  Comments till Wed 26th 23:00UTC  Final version by Thu27th 23:00UTC |
| TR | [S1-211308](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211308.zip) | Rapporteur (KPN) | Cover page for presentation of TR22.855v1.1.0 |  | First draft by Mon 24th 23:00 UTC  Comments till Wed 26th 23:00UTC  Final version by Thu27th 23:00UTC |
| PIN | | | | | |
| FS\_PIN: Study on Study on Personal IoT Networks [[SP-200592](https://portal.3gpp.org/ngppapp/CreateTdoc.aspx?mode=view&contributionId=1133471)] | | | | | |
| **Work status prior to this meeting:**  Rapporteur: Adrian Buckley (Vivo)  Latest version: [TR22.859v1.0.0](https://ftp.3gpp.org/Specs/archive/22_series/22.859/22859-100.zip)  Target completion date: SA#91 (06/2021)  Percentage completion: 75% | | | | **Details e-mail discussion** :  Moderator: Mark Younge  # e-threads: 18  Block B | |
| **General** | | | | | |
| Cont | [S1-211085](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211085.zip) | Vivo | PIN – Definitions update – PIN, PIN Element, PIN Gateway |  | **e-Thread: [FS\_PIN - 1]**  085r05 |
| Cont | [S1-211095](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211095.zip) | Vivo | PIN – Definitions update - PIN direct connection |  | **e-Thread: [FS\_PIN - 1]**  095r04 |
| Cont | [S1-211087](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211087.zip) | Vivo | PIN - Overview update | Agreed | **e-Thread: [FS\_PIN - 2]**  087r01 agreed |
| Cont | [S1-211094](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211094.zip) | Vivo | PIN – Connectivity Models | Agreed | **e-Thread: [FS\_PIN - 3]**  094r03 agreed |
| Cont | [S1-211091](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211091.zip) | Vivo | PIN – Update considerations section – references to technologies + data rates | Noted | **e-Thread: [FS\_PIN - 4]** |
| **Former use cases** | | | | | |
| Cont | [S1-211088](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211088r01.zip) | Vivo | PIN – Usecase 5.1 update – clarification of re-configuration and PRs |  | **e-Thread: [FS\_PIN - 5]**  088r07 |
| Cont | [S1-211052](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211052.zip) | Deutsche Telekom | Update of guest PIN element use case | Agreed | **e-Thread: [FS\_PIN - 6]**  052r1 agreed |
| Cont | [S1-211089](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211089.zip) | Vivo | PIN – Usecase update - The lost dog | Noted | **e-Thread: [FS\_PIN - 6]** |
| Cont | [S1-211092](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211092.zip) | Vivo | PIN – Update existing usecases - KPI’s information additions | Agreed | **e-Thread: [FS\_PIN - 7]** |
| Cont | [S1-211205](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211205.zip) | Intel | Update Use Case 5.5 for UEs to access PIN | Agreed | **e-Thread: [FS\_PIN - 8]**  205r1 agreed |
| Cont | [S1-211036](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211036.zip) | InterDigital | FS\_PIN: Resolving Editor's Notes on the Use Case UE accessing PIN applications hosted by gateways |  | **e-Thread: [FS\_PIN - 9]**  036r4 |
| Cont | [S1-211157](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211157.zip) | Huawei, Huawei Device | FS\_PIN: Addition of Edge Computing solutions to clause 5.6.5 | Agreed | **e-Thread: [FS\_PIN - 10]** |
| Cont | [S1-211090](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211090.zip) | Vivo | PIN –usecase update – The tour guide | Noted | **e-Thread: [FS\_PIN - 11]** |
| Cont | [S1-211158](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211158.zip) | Huawei, Huawei Device | FS\_PIN: Security concerns on broadcast-based service discovery | Agreed | **e-Thread: [FS\_PIN - 12]** |
| Cont | [S1-211046](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211046.zip) | Convida Wireless, Vivo | FS\_PIN - Update Personal Health Monitoring use case |  | **e-Thread: [FS\_PIN - 13]**  046r4 |
| Cont | [S1-211184](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211184.zip) | Futurewei, Philips, Vivo | use case update and New requirements for FS\_PIN: dynamic creation of an on-demand 5G PIN at home |  | **e-Thread: [FS\_PIN - 14]**  184r3 |
| **New use cases** | | | | | |
| Cont | [S1-211198](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211198.zip) | Lenovo, Motorola, Vivo, Intel | Use case for Operator managed PIN |  | **e-Thread: [FS\_PIN - 15]**  198r2 |
| Cont | [S1-211289](C:\\Users\\almodovarchicojl\\Desktop\\TSGS1_94e_ElectronicMeeting\\docs\\S1-211289.zip) | Philips | New use case on smart hospital beds |  | **e-Thread: [FS\_PIN - 16]**  289r4 |
| **Consolidation** | | | | | |
| Cont | [S1-211093](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211093.zip) | Vivo | PIN – requirements consolidation |  | **e-Thread: [FS\_PIN - 17]**  093r06 |
| Cont | [S1-211096](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211096.zip) | Vivo | PIN - Conclusions | Noted | **e-Thread: [FS\_PIN - 18]** |
| FS\_PIN output | | | | | |
| TR | S1-211309 | Rapporteur (vivo) | TR22.859 v1.1.0 to include agreements at this meeting |  | First draft by Mon 24th 23:00 UTC  Comments till Wed 26th 23:00UTC  Final version by Thu27th 23:00UTC |
| TR | S1-211310 | Rapporteur (vivo) | Cover page for presentation/approval of TR22.855 v1.1.0 |  | First draft by Mon 24th 23:00 UTC  Comments till Wed 26th 23:00UTC  Final version by Thu27th 23:00UTC |
| PALS | | | | | |
| FS\_PALS: Study on 5G Networks Providing Access to Localized Services [[SP-200799](https://portal.3gpp.org/ngppapp/CreateTdoc.aspx?mode=view&contributionId=1152348)] | | | | | |
| **Work status prior to this meeting:**  Rapporteur: Jack Nasielski (Qualcomm)  Latest version: [TR22.844v0.2.0](https://www.3gpp.org/ftp/Specs/archive/22_series/22.844/22844-020.zip)  Target completion date: SA#91 (06/2021)  Percentage completion: 77% | | | | **Details e-mail discussion** :  Moderator: Jose Almodovar  # e-threads: 16  Block A | |
| **General** | | | | | |
| Cont | [S1-211154](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211154.zip) | Ericsson | Update terminology throughout TR 22.844 (e.g. remove “PALS”) | Agreed | **e-Thread: [FS\_PALS - 1]**  154r2 agreed |
| Cont | [S1-211197](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211197.zip) | Samsung | 22.844 P-CR: Overview | Agreed | **e-Thread: [FS\_PALS - 2]** |
| **Former use cases** | | | | | |
| Cont | [S1-211079](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211079.zip) | Futurewei | Update potential new requirements for use case 5.2 on roaming service | Noted | **e-Thread: [FS\_PALS - 3]** |
| Cont | [S1-211210](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211210.zip) | Intel | Update Use Case 5.3 for home network services via hosting networks |  | **e-Thread: [FS\_PALS - 4]**  210r3 |
| Cont | [S1-211149](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211149.zip) | Ericsson | Minor clarification to chapter 5.3 | Merge into S1-211210r2 | **e-Thread: [FS\_PALS - 4]** |
| Cont | [S1-211080](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211080.zip) | Futurewei | Update use case 5.4 for UEs using on demand services via hosting | Agreed | **e-Thread: [FS\_PALS - 5]**  080r04 agreed |
| Cont | [S1-211211](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211211.zip) | Intel | Update Use Case 5.4 for on demand services via hosting networks | Agreed | **e-Thread: [FS\_PALS - 5]**  211r3 agreed |
| Cont | [S1-211150](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211150.zip) | Ericsson | Changes to chapter 5.4.6 | Agreed | **e-Thread: [FS\_PALS - 5]**  150r2 agreed |
| Cont | [S1-211081](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211081.zip) | Futurewei | modification of use case 5.6: Automatic discovery and selection of 3rd party provider services over Hosting network access |  | **e-Thread: [FS\_PALS - 6]**  081r02 |
| Cont | [S1-211076](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211076.zip) | OTD | FS\_PALS Update of requirement for use case |  | **e-Thread: [FS\_PALS - 7]**  076r2 |
| Cont | [S1-211230](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211230.zip) | Qualcomm | Update to FS\_PALS: steering based on signal quality |  | **e-Thread: [FS\_PALS - 8]**  230r1 |
| Cont | [S1-211051](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211051.zip) | Deutsche Telekom | Clarification of PALS steering requirement | Agreed | **e-Thread: [FS\_PALS - 9]** |
| Cont | [S1-211159](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211159.zip) | Ericsson | Changes to chapter 5.12 (e.g. split the single requirement into two requirements) | Agreed | **e-Thread: [FS\_PALS - 10]**  159r2 agreed |
| **New use cases** | | | | | |
| Cont | [S1-211049](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211049.zip) | InterDigital | FS\_PALS: Use case on managing a high number of UEs returning from a local hosting network to home network |  | **e-Thread: [FS\_PALS - 11]**  049r1 |
| Cont | [S1-211258](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211258.zip) | Philips | FS\_PALS New use case on localized 5G network access on a cruise ship |  | **e-Thread: [FS\_PALS - 12]**  258r3 |
| Cont | [S1-211259](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211259.zip) | Philips | FS\_PALS New use case on localized network for a mass casualty incident |  | **e-Thread: [FS\_PALS - 13]**  259r3 |
| Cont | [S1-211172](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211172.zip) | Ericsson | New use case for steering of UEs between hosting local networks and PLMNs |  | **e-Thread: [FS\_PALS - 14]**  172r4 |
| **Consolidation** | | | | | |
| Cont | [S1-211231](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211231.zip) | Qualcomm | FS\_PALS proposal for consolidated requirements |  | **e-Thread: [FS\_PALS - 15]**  231r6 |
| Cont | [S1-211233](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211233.zip) | Qualcomm | Proposal for FS\_PALS TR conclusions | Agreed | **e-Thread: [FS\_PALS - 16]** |
| FS\_PALS output | | | | | |
| TR | [S1-211311](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211311.zip) | Rapporteur (Qualcomm) | TR22.844 v0.3.0 to include agreements at this meeting |  | First draft by Mon 24th 23:00 UTC  Comments till Wed 26th 23:00UTC  Final version by Thu27th 23:00UTC |
| TR | [S1-211234](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211234.zip) | Rapporteur (Qualcomm) | Cover page for presentation/approval of TR22.844 v0.3.0 |  | First draft by Mon 24th 23:00 UTC  Comments till Wed 26th 23:00UTC  Final version by Thu27th 23:00UTC |
| VMR | | | | | |
| FS\_VMR: Study on vehicle-mounted relays [[SP-200798](https://portal.3gpp.org/ngppapp/CreateTdoc.aspx?mode=view&contributionId=1152347)] | | | | | |
| **Work status prior to this meeting:**  Rapporteur: Francesco Pica (Qualcomm)  Latest version: [TR22.839v0.2.0](https://www.3gpp.org/ftp/Specs/archive/22_series/22.839/22839-020.zip)  Target completion date: SA#91 (06/2021)  Percentage completion: 60% | | | | **Details e-mail discussion** :  Moderator: Erik Guttman  # e-threads: 13  Block B | |
| **General** | | | | | |
| Cont | [S1-211238](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211238.zip) | Qualcomm | Update to Overview (sec.4) |  | **e-Thread: [FS\_VMR - 1]**  orig. |
| Cont | [S1-211240](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211240.zip) | Qualcomm | Update to Other Aspects - sec.6 |  | **e-Thread: [FS\_VMR - 2]**  240r2 |
| Cont | S1-211315 | Qualcomm | FS\_VMR terminology options | Noted |  |
| **Former use cases** | | | | | |
| Cont | [S1-211019](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211019.zip) | SyncTechno | Update to UC Multiple working modes of vehicle mounted base station | Noted | **e-Thread: [FS\_VMR - 3]** |
| Cont | [S1-211241](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211241.zip) | Qualcomm | Update to sec 5.10 - Incentives and Charging |  | **e-Thread: [FS\_VMR - 4]**  241r1 |
| Cont | [S1-211244](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211244.zip) | Qualcomm | Update to use case on relay-macro connectivity |  | **e-Thread: [FS\_VMR - 5]**  244\_r2 (@author please correct the format) |
| Cont | [S1-211242](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211242.zip) | Qualcomm | Update to use case on mobile relays sharing |  | **e-Thread: [FS\_VMR - 6]**  242r1 |
| **New Use Cases** | | | | | |
| Cont | [S1-211020](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211020.zip) | SyncTechno | New UC Monitoring of vehicle-mounted relays |  | **e-Thread: [FS\_VMR - 7]**  020r2 |
| Cont | [S1-211115](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211115.zip) | Philips | Use case on VMR for improved connectivity through data caching |  | **e-Thread: [FS\_VMR - 8]**  115r4 |
| Cont | [S1-211185](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211185.zip) | CATT | New Use case: Mobility between Non-terrestrial coverage and terrestrial coverage for Mobile Vehicular |  | **e-Thread: [FS\_VMR - 9]**  185r2 |
| Cont | [S1-211186](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211186.zip) | CATT | New Use case: Mobile Vehicular Relays using Non-terrestrial and terrestrial access simultaneously |  | **e-Thread: [FS\_VMR - 10]**  186r4 |
| Cont | [S1-211245](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211245.zip) | Qualcomm | New use case on multi-relay connectivity |  | **e-Thread: [FS\_VMR - 11]**  245r2 |
| Cont | [S1-211247](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211247.zip) | Qualcomm | New use case on relay traffic over a 5G transport NW |  | **e-Thread: [FS\_VMR - 12]**  247r2 |
| **Consolidation** | | | | | |
| Cont | [S1-211248](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211248.zip) | Qualcomm | Initial proposal for consolidated requirements |  | **e-Thread: [FS\_VMR - 13]**  248r4 |
| Cont | [S1-211171](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211171.zip) | CATT | New Use case: Mobility between Non-terrestrial coverage and terrestrial coverage for Mobile Vehicular | Withdrawn |  |
| Cont | [S1-211174](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211174.zip) | CATT | New Use case: Mobile Vehicular Relays using Non-terrestrial and terrestrial access simultaneously | Withdrawn |  |
| FS\_VMR output | | | | | |
| TR | S1-211312 | Rapporteur (Qualcomm) | TR22.839 v0.3.0 to include agreements at this meeting |  | First draft by Mon 24th 23:00 UTC  Comments till Wed 26th 23:00UTC  Final version by Thu27th 23:00UTC |
| TR | [S1-211250](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211250.zip) | Rapporteur (Qualcomm) | Cover page for presentation/approval of TR22.839 v0.3.0 |  | First draft by Mon 24th 23:00 UTC  Comments till Wed 26th 23:00UTC  Final version by Thu27th 23:00UTC |
| 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: [TR22.989v18.1.0](https://www.3gpp.org/ftp/Specs/archive/22_series/22.989/22989-i10.zip)  Target completion date: SA#94 (12/2021)  Percentage completion: 20% | | | | | |
| TACMM | | | | | |
| FS\_TACMM: Study on supporting tactile and multi-modality communication services [[SP-201039](https://portal.3gpp.org/ngppapp/CreateTdoc.aspx?mode=view&contributionId=1175963)] | | | | | |
| **Work status prior to this meeting:**  Rapporteur: Wang, Shuo (China Mobile)  Latest version: [TR22.847v0.1.0](https://www.3gpp.org/ftp/Specs/archive/22_series/22.847/22847-010.zip)  Target completion date: SA#92 (06/2021)  Percentage completion: 30% | | | | **Details e-mail discussion** :  Moderator: Greg Schumacher  # e-threads: 18  Block B | |
| **General** | | | | | |
| Cont | [S1-211065](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211065r3.zip) | Xiaomi | TACMM-3.1 Definitions section |  | **e-Thread: [FS\_TACMM - 1]**  065r3 |
| Cont | [S1-211228](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211228.zip) | China Mobile | pCR TR 22.847 Update overview |  | **e-Thread: [FS\_TACMM - 1]**  orig. |
| Cont | [S1-211100](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211100.zip) | Qualcomm | Proposal for FS\_TACMM TR Update |  | **e-Thread: [FS\_TACMM - 2]**  orig. |
| Cont | [S1-211214](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211214.zip) | LG Electronics | Proposed updates for TACMM TR 22.847 |  | **e-Thread: [FS\_TACMM – 3]**  orig. |
| **Former use cases** | | | | | |
| Cont | [S1-211188](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211188.zip) | InterDigital | FS\_TACMM: Clarifications to the use case on immersive multi-modal VR application |  | **e-Thread: [FS\_TACMM - 4]**  188r1 |
| Cont | [S1-211216](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211216.zip) | China Mobile | TACMM Adding potential requirement of Immersive VR games |  | **e-Thread: [FS\_TACMM - 5]**  216r1 |
| Cont | [S1-211213](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211213.zip) | LG Electronics | Update for a UC on Support of Skillset Sharing for Cooperative Perception and Maneuvering of Robots |  | **e-Thread: [FS\_TACMM - 6]**  213r4 |
| **New use cases** | | | | | |
| Cont | [S1-211061](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211061r3.zip) | Xiaomi | TACMM-use cases new-Living Room Multi-modality Interaction System |  | **e-Thread: [FS\_TACMM - 7]**  061r5 |
| Cont | [S1-211062](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211062.zip) | Xiaomi | TACMM-use cases new-Multi-modality Conference Assistant |  | **e-Thread: [FS\_TACMM - 8]**  062r3 |
| Cont | [S1-211063](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211063.zip) | Xiaomi | TACMM-use case new-Multi-Modality Gaming System |  | **e-Thread: [FS\_TACMM - 9]**  063r1 |
| Cont | [S1-211064](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211064.zip) | Xiaomi | TACMM-use cases new-Online Concert |  | **e-Thread: [FS\_TACMM - 10]**  064r3 |
| Cont | [S1-211130](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211130.zip) | China Telecom | Use case of Online shopping for the blind |  | **e-Thread: [FS\_TACMM - 11]**  130r3 |
| Cont | [S1-211187](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211187.zip) | InterDigital | FS\_TACMM: Haptic feedback for a personal exclusion zone |  | **e-Thread: [FS\_TACMM - 12]**  187r4 |
| Cont | [S1-211189](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211189.zip) | InterDigital, Telefónica | FS\_TACMM: Augmented robotic telepresence |  | **e-Thread: [FS\_TACMM - 13]**  189r3 |
| Cont | [S1-211218](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211218.zip) | China Mobile | TACMM use case Haptics Feedback Surgery |  | **e-Thread: [FS\_TACMM - 14]**  orig. |
| Cont | [S1-211219](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211219.zip) | China Mobile | TACMM use case Real time haptic beat for music education |  | **e-Thread: [FS\_TACMM - 15]**  219r1 |
| Cont | [S1-211220](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211220.zip) | China Mobile | TACMM use case Remote Automated Mining |  | **e-Thread: [FS\_TACMM - 16]**  orig. |
| Cont | [S1-211221](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211221.zip) | China Mobile | TACMM use case Smart Prosthesis and Its Safety Model |  | **e-Thread: [FS\_TACMM - 17]**  221r1 |
| Cont | [S1-211222](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211222.zip) | China Mobile | TACMM use case On-board Multiple Sensor Fusion |  | **e-Thread: [FS\_TACMM - 18]**  222r1 |
| FS\_TACMM output | | | | | |
| TR | [S1-211313](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211313.zip) | Rapporteur (China Mobile) | TR22.847 v0.2.0 to include agreements at this meeting |  | First draft by Mon 24th 23:00 UTC  Comments till Wed 26th 23:00UTC  Final version by Thu27th 23:00UTC |
| LPHAP | | | | | |
| LPHAP: Low Power High Accuracy Positioning for industrial IoT scenarios[[SP-210216](https://portal.3gpp.org/ngppapp/CreateTdoc.aspx?mode=view&contributionId=1201176)] | | | | | |
| **Work status prior to this meeting:**  Rapporteur: Yuan Wang (Huawei)  Target completion date: SA#92 (06/2021)  Percentage completion: 40% | | | | **Details e-mail discussion** :  Moderator: Jose Almodovar  # e-threads: 2  Block B | |
| CR | [S1-211040](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211040r2.zip) | Huawei, Hisilicon, Sony | CR22.104v18.0.0 Adding LPHAP requirements for Industrial IoT |  | **e-Thread: [LPHAP - 1]**  *WI code* LPHAP *Rel-18 CR0072 R- Cat B*  040r4 |
| CR | [S1-211181](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211181.zip) | Nokia, Nokia Shanghai Bell | CR22.104v18.0.0 Alignment of positioning power consumption aspects between 22.261 and 22.104 |  | **e-Thread: [LPHAP - 1]**  *WI code* LPHAP *Rel-18 CR0073 R- Cat B*  *Orig.* |
| CR | [S1-211041](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211041.zip) | Huawei, Hisilicon, Sony | CR22.261v18.2.0 Clarification of LPHAP requirements | Agreed | **e-Thread: [LPHAP - 2]**  *WI code* LPHAP *Rel-18 CR0515 R- Cat C* |
| CR | [S1-211180](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\docs\S1-211180.zip) | Nokia, Nokia Shanghai Bell | CR22.261v18.0.0 Alignment of positioning power consumption aspects between 22.261 and 22.104 |  | **e-Thread: [LPHAP - 2]**  *WI code* LPHAP *Rel-18 CR0526 R- Cat D*  *Orig.* |
| Other technical contributions | | | | | |
| CR | [S1-211108](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94e_ElectronicMeeting\Docs\S1-211108.zip) | Xiaomi | CR22.261v18.2.0 Clarification to services provided by 5G satellite access |  | **e-Thread: [Other - 1]**  *WI code* TEI18 *Rel-18 CR0520R- Cat F*  Moved from 4  108r4 |
| Other non-technical contributions | | | | | |
| Work Item/Study Item progress | | | | | |
| Session information outputs | | | | | |
| Work Item/Study Item status update | | | | | |
| REP | S1-211330 | China Mobile | FS\_MMTELin5G – Status report |  |  |
| REP | S1-211331 | BDBOS | FS\_SACI\_MCS – Status report |  |  |
| REP | S1-211332 | Hansung University | FS\_RAILSS – Status report |  |  |
| REP | S1-211333 | OPPO | FS\_AMMT – Status report |  |  |
| REP | S1-211334 | THALES | FS\_5GET– Status report |  |  |
| REP | S1-211335 | LG Electronics | FS\_EASNS – Status report |  |  |
| REP | S1-211336 | UIC | FS\_OffNetRail – Status report |  |  |
| REP | S1-211337 | Nokia | FS\_5TRS – Status report |  |  |
| REP | S1-211338 | China Telecom | FS\_5GSEI – Status report |  |  |
| REP | S1-211339 | Xiaomi | FS\_Ranging – Status report |  |  |
| REP | S1-211340 | KPN | FS\_Resident – Status report |  |  |
| REP | S1-211341 | Vivo | FS\_PIN – Status report |  |  |
| REP | S1-211342 | Qualcomm | FS\_PALS – Status report |  |  |
| REP | S1-211343 | Qualcomm | FS\_VMR – Status report |  |  |
| REP | S1-211344 | UIC | FS\_eFRMCS – Status report |  |  |
| REP | S1-211345 | China Mobile | FS\_TACMM – Status report |  |  |
| REP | S1-211346 | Nokia | 5TRS– Status report |  |  |
| REP | S1-211347 | LGE | EASNS– Status report |  |  |
| REP | S1-211348 | Xiaomi | Ranging– Status report |  |  |
| REP | S1-211349 | China Unicom | DI\_5G– Status report |  |  |
| REP | S1-211350 | Huawei | LPHAP– Status report |  |  |
| Next meetings | | | | | |
| Calendar | | | | | |
| **2021 meetings:**  SA1#94e 10-20 May 2021 e-meeting  SA1#95e 23 Aug-2 Sep 2021 e-meeting  SA1#96 8-18 Nov 2021 e-meeting | | | | | |
| Any other business | | | | | |
| Close | | | | | |
| Close latest by 16:00 UTC on Thursday 20 May 2021 | | | | | |