3GPP TSG-SA WG1 Meeting SA1#94bis-e S1-212001

Electronic Meeting, 5 – 12 July 2021

Title: Final Agenda for SA1#94bis-e

Ag. Item: 1.1

Source: SA1 Chair

Contact: Jose Almodovar

Submission Guidelines

* **Submission deadlines:**
  1. Tdoc **number** and **CR number** requests:     **Tuesday,** 29 June 2021, 23:00 UTC
  2. Document **submission**:                                **Tuesday,** 29 June 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**

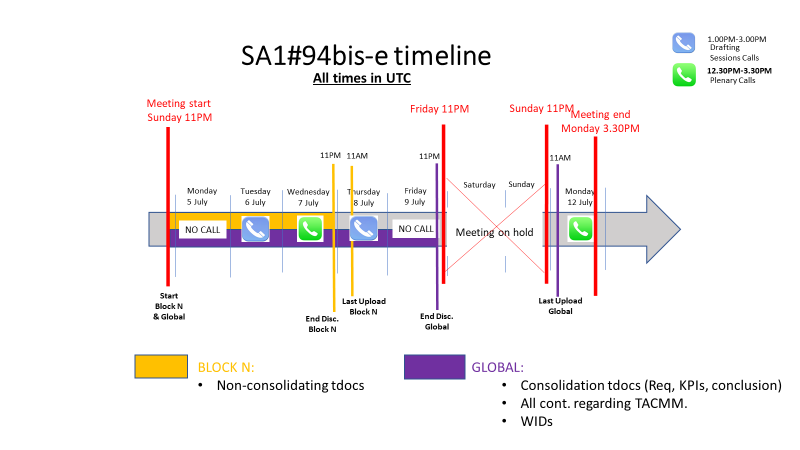
**Doc Type**: AGE (Agenda), CC (Incoming Liaison Statement Copied to SA1), Cont (Contribution), CR (Change request), , LS OUT(Outgoing Liaison Statement), TO (Incoming Liaison Statement To SA1), TR (Technical Report), TS (Technical Specification), REP (Report), WID (Work Item Description), WP (Work Plan)

**Conclusion**: Agreed, Approved, Revised to S1-16xxxx, Noted, Withdrawn, Moved to section xxx, Rejected, Postponed, Email Approval, Not Handled, Unallocated, Drafting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| CR | S1-19xxxx | Source | Title | Withdrawn |  |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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| **Drafting Sessions Calls** | |
|  | |
| **CAll A** | **CAll B** |
| Resident | SEI |
| PIN | PALS |
| VMR | TACMM |
|  | |

**SA1#94bis-e Timeline & Blocks**



|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Opening of the meeting | | | | | |
| Opening of the meeting at 23:00 UTC on Sunday 4 July 2021 | | | | | |
| Guidelines e-meeting | | | | | |
| Delegates can find the guidelines that will be followed during SA1#94bis-e in the following [link](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_94bise_July2021/Docs/S1-212002.zip). | | | | | |
| Agenda and scheduling | | | | | |
| AGE | S1-212000 | SA1 Chair | Draft agenda for SA1#94e | Agreed |  |
| AGE | S1-212001 | SA1 Chair | Final agenda for SA1#94e | Agreed |  |
| IPR, antitrust and competition laws | | | | | |
|  | | **IPR call reminder**  I draw your attention to your obligations under the 3GPP Partner Organizations’ IPR policies. Every Individual Member organization is obliged to declare to the Partner Organization or Organizations of which it is a member any IPR owned by the Individual Member or any other organization which is or is likely to become essential to the work of 3GPP.  Delegates are asked to take note that they are thereby invited:   * to investigate whether their organization or any other organization owns IPRs which were, or were likely to become Essential in respect of the work of 3GPP. * to notify their respective Organizational Partners of all potential IPRs, e.g., for ETSI, by means of the IPR Information Statement and the Licensing declaration forms.   **Antitrust policy Reminder**  I also draw your attention to the fact that 3GPP activities are subject to all applicable antitrust and competition laws and that compliance with said laws is therefore required of any participant of this WG meeting including the Chairperson and Vice Chairperson. In case of question I recommend that you contact your legal counsel.  The leadership shall conduct the present meeting with impartiality and in the interests of 3GPP.  Furthermore, I would like to remind you that timely submission of work items in advance of TSG/WG meetings is important to allow for full and fair consideration of such matters. | | |  |
| Previous SA1 meeting report | | | | | |
| The report of the last meeting will be approved at the start of the meeting. | | | | | |
| REP | S1-212096 | ETSI | Draft minutes of SA1#94e | Revised to S1-212098 |  |
| REP | [S1-212098](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\docs\S1-212098.zip) | ETSI | Minutes of SA1#94e | Agreed | Revision of S1-212096. |
| 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 4.2. The template is available [here](http://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_85_Tallin/templates/Template_WI_Status_Update.zip).  For draft TR/TS, the rapporteur is expected to update the draft TR/TS with all contributions agreed at the meeting before the meeting is closed. | | | | | |
| Working agreements | | | | | |
| None | | | | | |
| Reports and guidelines | | | | | |
| REP | S1-212002 | SA1 Chair, MCC | Guidelines for SA1#94bis-e (e-meeting) | Noted |  |
| REP | [S1-212003](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\docs\S1-212003.zip) | MCC | MCC reminder on rules for writing CRs | Noted |  |
| Rel18 contributions | | | | | |
| 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: [TR22.867v18.0.1](https://www.3gpp.org/ftp/Specs/archive/22_series/22.867/22867-i01.zip)  Target completion date: SA#92 (06/2021)  Percentage completion: 90% | | | | **Details e-mail discussion** :  Moderator: Jose Almodovar  # e-threads: 9 | |
| **Block N** | | | | | |
| Cont | [S1-212064](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\Docs\S1-212064.zip) | Samsung, EUTC, Vodafone, Telefonica, BMWi, EDF, Novamint | RAN Information reporting for Utilities: Rationale and Application | Noted | **e-Thread: [FS\_5GSEI - 1]** |
| CR | [S1-212010](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\Docs\S1-212010.zip) | EUTC, Vodafone, Samsung, NOVAMINT, EDF, Telefonica, Deutsche Telekom, Nokia, Nokia Shanghai Bell | CR22.867v18.0.1 Addressing EN resolution for “timely” term meaning | Revised to S1-212102 | **e-Thread: [FS\_5GSEI - 1]**  *WI code* FS\_5GSEI *Rel-18 CR0002R- Cat D*  2010r1 agreed |
| CR | [S1-212102](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\docs\S1-212102.zip) | EUTC, Vodafone, Samsung, NOVAMINT, EDF, Telefonica, Deutsche Telekom, Nokia, Nokia Shanghai Bell | CR22.867v18.0.1 Addressing EN resolution for “timely” term meaning | Agreed | ***e-Thread: [FS\_5GSEI - 1]***  *WI code FS\_5GSEI Rel-18 CR0002R- Cat D*  *Same as 2010r1*  **Revision of S1-212010.** |
| CR | [S1-212011](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\Docs\S1-212011.zip) | EUTC, Vodafone, Samsung, NOVAMINT, EDF, Telefonica, Deutsche Telekom, Nokia, Nokia Shanghai Bell | CR22.867v18.0.1 Addressing EN resolution for standard use cases in 5.7.1 | Revised to S1-212103 | **e-Thread: [FS\_5GSEI - 1]**  *WI code* FS\_5GSEI *Rel-18 CR0003R- Cat D*  2011r1 agreed |
| CR | [S1-212103](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\docs\S1-212103.zip) | EUTC, Vodafone, Samsung, NOVAMINT, EDF, Telefonica, Deutsche Telekom, Nokia, Nokia Shanghai Bell | CR22.867v18.0.1 Addressing EN resolution for standard use cases in 5.7.1 | Agreed | ***e-Thread: [FS\_5GSEI - 1]***  *WI code FS\_5GSEI Rel-18 CR0003R- Cat D*  *Same as 2011r1*  **Revision of S1-212011.** |
| CR | [S1-212012](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\Docs\S1-212012.zip) | EUTC, Vodafone, Samsung, NOVAMINT, EDF, Telefonica, Nokia, Nokia Shanghai Bell | CR22.867v18.0.1 Addressing EN resolution for RAN parameters in 5.7.1 | Revised to S1-212104 | **e-Thread: [FS\_5GSEI - 1]**  *WI code* FS\_5GSEI *Rel-18 CR0004R- Cat D*  2012r1agreed |
| CR | [S1-212104](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\docs\S1-212104.zip) | EUTC, Vodafone, Samsung, NOVAMINT, EDF, Telefonica, Nokia, Nokia Shanghai Bell | CR22.867v18.0.1 Addressing EN resolution for RAN parameters in 5.7.1 | Agreed | ***e-Thread: [FS\_5GSEI - 1]***  *WI code FS\_5GSEI Rel-18 CR0004R- Cat D*  *Same as 2012r1*  **Revision of S1-212012.** |
| CR | [S1-212013](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\Docs\S1-212013.zip) | EUTC, Vodafone, Samsung, NOVAMINT, EDF, Telefonica, Deutsche Telekom, Nokia, Nokia Shanghai Bell | CR22.867v18.0.1 Addressing EN resolution in clause 5.7.5 | Revised to S1-212105 | **e-Thread: [FS\_5GSEI - 1]**  *WI code* FS\_5GSEI *Rel-18 CR0005R- Cat D*  2013r1agreed |
| CR | [S1-212105](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\docs\S1-212105.zip) | EUTC, Vodafone, Samsung, NOVAMINT, EDF, Telefonica, Deutsche Telekom, Nokia, Nokia Shanghai Bell | CR22.867v18.0.1 Addressing EN resolution in clause 5.7.5 | Agreed | ***e-Thread: [FS\_5GSEI - 1]***  *WI code FS\_5GSEI Rel-18 CR0005R- Cat D*  *Same as 2013r1*  **Revision of S1-212013.** |
| CR | [S1-212014](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\Docs\S1-212014.zip) | EUTC, Vodafone, Samsung, NOVAMINT, EDF, Telefonica, Deutsche Telekom, Nokia, Nokia Shanghai Bell | CR22.867v18.0.1 Addressing EN resolution in clause 5.7.2 | Revised to S1-212106 | **e-Thread: [FS\_5GSEI - 1]**  *WI code* FS\_5GSEI *Rel-18 CR0006R- Cat D*  2014r1agreed |
| CR | [S1-212106](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\docs\S1-212106.zip) | EUTC, Vodafone, Samsung, NOVAMINT, EDF, Telefonica, Deutsche Telekom, Nokia, Nokia Shanghai Bell | CR22.867v18.0.1 Addressing EN resolution in clause 5.7.2 | Agreed | ***e-Thread: [FS\_5GSEI - 1]***  *WI code FS\_5GSEI Rel-18 CR0006R- Cat D*  *Same as 2014r1*  **Revision of S1-212014.** |
| CR | [S1-212015](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\Docs\S1-212015.zip) | EUTC, Vodafone, Samsung, NOVAMINT, EDF, Telefonica, Nokia, Nokia Shanghai Bell | CR22.867v18.0.1 Addressing EN resolution in clause 5.7.6 | Revised to S1-212084 | *WI code* FS\_5GSEI *Rel-18 CR0007R- Cat F* |
| CR | [S1-212084](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\Docs\S1-212084.zip) | EUTC, Vodafone, Samsung, NOVAMINT, EDF, Telefonica, Nokia, Nokia Shanghai Bell | CR22.867v18.0.1 Addressing EN resolution in clause 5.7.6 | Revised to S1-212085 | *WI code* FS\_5GSEI *Rel-18 CR0007R1 Cat F*  Revision of S1-212015. |
| CR | [S1-212085](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\Docs\S1-212085r1.zip) | EUTC, Vodafone, Samsung, NOVAMINT, EDF, Telefonica, Nokia, Nokia Shanghai Bell | CR22.867v18.0.1 Addressing EN resolution in clause 5.7.6 | Revised to S1-212107 | **e-Thread: [FS\_5GSEI - 1]**  *WI code* FS\_5GSEI *Rel-18 CR0007R2 Cat F*  Revision of S1-212015.  Revision of S1-212084.  2085r1 agreed |
| CR | [S1-212107](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\docs\S1-212107.zip) | EUTC, Vodafone, Samsung, NOVAMINT, EDF, Telefonica, Nokia, Nokia Shanghai Bell | CR22.867v18.0.1 Addressing EN resolution in clause 5.7.6 | Agreed | ***e-Thread: [FS\_5GSEI - 1]***  *WI code FS\_5GSEI Rel-18 CR0007R2 Cat F*  *Revision of S1-212015.*  *Revision of S1-212084.*  *Same as 2085r1*  **Revision of S1-212085.** |
| CR | [S1-212066](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\Docs\S1-212066.zip) | Samsung, EUTC, Vodafone, Telefonica, BMWi, EDF, Novamint | CR22.867v18.0.1 Resolution of Editor’s Notes from Clause 5.5.6 | Agreed | **e-Thread: [FS\_5GSEI - 2]**  *WI code* FS\_5GSEI *Rel-18 CR0012R- Cat F* |
| Cont | [S1-212065](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\Docs\S1-212065.zip) | Samsung, EUTC, Vodafone, Telefonica, BMWi, EDF, Novamint | USIM Events requirements – discussion and proposal | Noted | **e-Thread: [FS\_5GSEI - 3]** |
| CR | [S1-212067](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\Docs\S1-212067.zip) | Samsung, EUTC, Vodafone, Telefonica, BMWi, EDF, Novamint | CR22.867v18.0.1 USIM Related Requirements for Manageability | Agreed | **e-Thread: [FS\_5GSEI - 3]**  *WI code* FS\_5GSEI *Rel-18 CR0013R- Cat F* |
| CR | [S1-212068](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\Docs\S1-212068r1.zip) | Samsung, EUTC, Vodafone, Telefonica, BMWi, EDF, Novamint | CR22.867v18.0.1 Removal of Editor’s Notes from Clause 5.11 | Revised to S1-212108 | **e-Thread: [FS\_5GSEI - 4]**  *WI code* FS\_5GSEI *Rel-18 CR0014R- Cat D*  2068r1 agreed |
| CR | [S1-212108](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\docs\S1-212108.zip) | Samsung, EUTC, Vodafone, Telefonica, BMWi, EDF, Novamint | CR22.867v18.0.1 Removal of Editor’s Notes from Clause 5.11 | Agreed | ***e-Thread: [FS\_5GSEI - 4]***  *WI code FS\_5GSEI Rel-18 CR0014R- Cat D*  *Same as 2068r1*  **Revision of S1-212068.** |
| CR | [S1-212069](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\Docs\S1-212069.zip) | Samsung, EUTC, Vodafone, Telefonica, BMWi, EDF, Novamint | CR22.867v18.0.1 Removal of Editor’s Note in Annex A | Agreed | **e-Thread: [FS\_5GSEI - 4]**  *WI code* FS\_5GSEI *Rel-18 CR0014R- Cat D* |
| **General** | | | | | |
| CR | [S1-212060](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\Docs\S1-212060.zip) | China Telecom | CR22.867v18.0.1 Editorial Updates to TR22.867 | Revised to S1-212109 | **e-Thread: [FS\_5GSEI - 5]**  *WI code* FS\_5GSEI *Rel-18 CR0011R- Cat F*  *Should be Cat D*  *2060r3 agreed* |
| CR | [S1-212109](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\docs\S1-212109.zip) | China Telecom | CR22.867v18.0.1 Editorial Updates to TR22.867 | Agreed | ***e-Thread: [FS\_5GSEI - 5]***  *WI code FS\_5GSEI Rel-18 CR0011R- Cat F*  *Same as 2060r3*  **Revision of S1-212060.** |
| CR | [S1-212008](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\Docs\S1-212008r2.zip) | Samsung | CR22.867v18.0.1 Manageability Consolidated Requirements Editor's Note Resolution | Revised to S1-212110 | **e-Thread: [FS\_5GSEI - 6]**  *WI code* FS\_5GSEI *Rel-18 CR0001R- Cat F*  *2008r3 agreed (“*Based on operator policy,” in req 5, fixing the date) |
| CR | [S1-212110](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\docs\S1-212110.zip) | Samsung | CR22.867v18.0.1 Manageability Consolidated Requirements Editor's Note Resolution | Agreed | ***e-Thread: [FS\_5GSEI - 6]***  *WI code FS\_5GSEI Rel-18 CR0001R- Cat F*  *Same as 2008r3 agreed*  **Revision of S1-212008.** |
| CR | [S1-212018](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\Docs\S1-212018r5.zip) | ZTE, China Telecom, CEPRI | CR22.867v18.0.1 Update Consolidated PR and KPI tables in Section 7 | Revised to S1-212111 | **e-Thread: [FS\_5GSEI - 7]**  *WI code* FS\_5GSEI *Rel-18 CR0008R- Cat F*  *Mistakes in the Cover page*  *2018r5 agreed* |
| CR | [S1-212111](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\docs\S1-212111.zip) | ZTE, China Telecom, CEPRI | CR22.867v18.0.1 Update Consolidated PR and KPI tables in Section 7 | Agreed | ***e-Thread: [FS\_5GSEI - 7]***  *WI code FS\_5GSEI Rel-18 CR0008R- Cat F*  *Same as 2018r5*  **Revision of S1-212018.** |
| CR | [S1-212039](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\Docs\S1-212039r4.zip) | China Telecom | CR22.867v18.0.1 Update to conclusion and recommendations | Revised to S1-212112 | **e-Thread: [FS\_5GSEI - 8]**  *WI code* FS\_5GSEI *Rel-18 CR0009R- Cat D*  *Mistakes in the Cover page, cannot be D*  *2039r4 agreed* |
| CR | [S1-212112](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\docs\S1-212112.zip) | China Telecom | CR22.867v18.0.1 Update to conclusion and recommendations | Agreed | ***e-Thread: [FS\_5GSEI - 8]***  *WI code FS\_5GSEI Rel-18 CR0009R- Cat D*  *Same as 2039r4*  **Revision of S1-212039.** |
| CR | [S1-212059](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\Docs\S1-212059r10.zip) | CEPRI, China Telecom, ZTE | CR22.867v18.0.1 Security considerations | Revised to S1-212113 | **e-Thread: [FS\_5GSEI - 9]**  *WI code* FS\_5GSEI *Rel-18 CR0010R- Cat B*  *Mistakes in the Cover page*  2059r10 agreed |
| CR | [S1-212113](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\docs\S1-212113.zip) | CEPRI, China Telecom, ZTE | CR22.867v18.0.1 Security considerations | Agreed | ***e-Thread: [FS\_5GSEI - 9]***  *WI code FS\_5GSEI Rel-18 CR0010R- Cat B*  *Same as 2059r10*  **Revision of S1-212059.** |
| 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: [TR22.858v18.0.1](https://www.3gpp.org/ftp/Specs/archive/22_series/22.858/22858-i01.zip)  Target completion date: SA#92 (06/2021)  Percentage completion: 85% | | | | **Details e-mail discussion** :  Moderator: Greg Schumacher  # e-threads: 17 | |
| **Block N – Former use cases contributions** | | | | | |
| CR | [S1-212046](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\Docs\S1-212046.zip) | KPN | CRv18.0.1Editorial changes to TR | Agreed | **e-Thread: [FS\_Resident - 1]**  *WI code*  *Rel-18 CR0010R- Cat D* |
| CR | [S1-212044](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\Docs\S1-212044r1.zip) | KPN | CRv18.0.1 Consistent usage of definition “Authorised Administrator” | Revised to S1-212114 | **e-Thread: [FS\_Resident - 2]**  *WI code*  *Rel-18 CR0008R- Cat C*  2044r3 agreed (category D and right rev counter,*date corrected*) |
| CR | [S1-212114](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\docs\S1-212114.zip) | KPN | CR22.858v18.0.1 Consistent usage of definition “Authorised Administrator” | Agreed | ***e-Thread: [FS\_Resident - 2]***  *WI code FS\_Resident Rel-18 CR0008R- Cat C*  *Same as 2044r3*  **Revision of S1-212044.** |
| CR | [S1-212045](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\Docs\S1-212045.zip) | KPN | CRv18.0.1 Change residential network to CPN | Agreed | **e-Thread: [FS\_Resident - 3]**  *WI code*  *Rel-18 CR0009R- Cat C* |
| CR | [S1-212043](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\Docs\S1-212043r1.zip) | KPN | CRv18.0.1 Hybrid access in definitions | Revised to S1-212115 | **e-Thread: [FS\_Resident - 4]**  *WI code*  *Rel-18 CR0007R- Cat C*  *2043r2 agreed (rev counter, date corrected)* |
| CR | [S1-212115](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\docs\S1-212115.zip) | KPN | CR22.858v18.0.1 Hybrid access in definitions | Agreed | ***e-Thread: [FS\_Resident - 4]***  *WI code FS\_Resident Rel-18 CR0007R- Cat C*  *Same as 2043r2*  **Revision of S1-212043.** |
| CR | [S1-212092](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\docs\S1-212092.zip) | Philips | CRv18.0.1 Clarification on PRAS connectivity | Noted | **e-Thread: [FS\_Resident - 4]**  *WI code*  *Rel-18 CR0023R- Cat F* |
| CR | [S1-212021](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\Docs\S1-212021r3.zip) | China Telecom | CRv18.0.1 Clause5.5 routing via residential ip network | Revised to S1-212116 | **e-Thread: [FS\_Resident - 5]**  *WI code*  *Rel-18 CR0003R- Cat F*  *2021r4 agreed (no changes on changes, IP title, no extra line)* |
| CR | [S1-212116](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\docs\S1-212116.zip) | China Telecom | CR22.858v18.0.1 Clause5.5 routing via residential ip network | Agreed | ***e-Thread: [FS\_Resident - 5]***  *WI code FS\_Resident Rel-18 CR0003R- Cat F*  *Same as 2021r4*  **Revision of S1-212021.** |
| CR | [S1-212032](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\docs\S1-212032r5.zip) | China Unicom | CRv18.0.1 Clause5.4 | Revised to S1-212117 | **e-Thread: [FS\_Resident - 5]**  *WI code*  *Rel-18 CRXXXXR- Cat B*  Missing CR number  2032r6 agreed (proper title and format of the content of the CR indicating new text and existing text). |
| CR | [S1-212117](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\docs\S1-212117.zip) | China Unicom | CR22.858v18.0.1 Clause5.4 | Agreed | ***e-Thread: [FS\_Resident - 5]***  *WI code FS\_Resident Rel-18 CRXXXXR- Cat B*  *Same as 2032r6*  **Revision of S1-212032.** |
| CR | [S1-212094](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\docs\S1-212094r3.zip) | Philips | CRv18.0.1 Clarification of QoS between two UEs | Noted | **e-Thread: [FS\_Resident - 5]**  *WI code*  *Rel-18 CR0025R- Cat B* |
| CR | [S1-212004](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\Docs\S1-212004r5.zip) | Apple | CRv18.0.1FS\_Resident: Clarification of Loss of 5GC connectivity requirements | Revised to S1-212118 | **e-Thread: [FS\_Resident - 6]**  *WI code*  *Rel-18 CR0001R- Cat C*  *2004r9 agreed* |
| CR | [S1-212118](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\docs\S1-212118.zip) | Apple | CR22.858v18.0.1FS\_Resident: Clarification of Loss of 5GC connectivity requirements | Agreed | ***e-Thread: [FS\_Resident - 6]***  *WI code FS\_Resident Rel-18 CR0001R- Cat C*  *Same as 2004r9*  **Revision of S1-212004.** |
| CR | [S1-212017](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\Docs\S1-212017r7.zip) | Intel | CRv18.0.1 Update Use Case 5.21 for PRAS | Revised to S1-212119 | **e-Thread: [FS\_Resident - 7]**  *WI code*  *Rel-18 CR0002R- Cat B*  *2017r8 agreed (correct the format and include an editor’s note).* |
| CR | [S1-212119](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\docs\S1-212119.zip) | Intel | CR22.858v18.0.1 Update Use Case 5.21 for PRAS | Agreed | ***e-Thread: [FS\_Resident - 7]***  *WI code FS\_Resident Rel-18 CR0002R- Cat B*  *Same as 2017r8*  **Revision of S1-212017.** |
| CR | [S1-212054](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\Docs\S1-212054.zip) | KPN | CRv18.0.1 Update of use case 5.2 use of 3GPP credentials | Revised to S1-212120 | **e-Thread: [FS\_Resident - 8]**  *WI code*  *Rel-18 CR0017R- Cat B*  *2054r2 agreed* |
| CR | [S1-212120](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\docs\S1-212120.zip) | KPN | CR22.858v18.0.1 Update of use case 5.2 use of 3GPP credentials | Agreed | ***e-Thread: [FS\_Resident - 8]***  *WI code FS\_Resident Rel-18 CR0017R- Cat B*  *Same as 2054r2*  **Revision of S1-212054.** |
| CR | [S1-212055](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\Docs\S1-212055.zip) | KPN | CRv18.0.1 Update use case 5.3 on service continuity between CPN and public network | Revised to S1-212121 | **e-Thread: [FS\_Resident – 9]**  *WI code*  *Rel-18 CR0018R- Cat B*  2055r1 agreed |
| CR | [S1-212121](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\docs\S1-212121.zip) | KPN | CR22.858v18.0.1 Update use case 5.3 on service continuity between CPN and public network | Agreed | ***e-Thread: [FS\_Resident – 9]***  *WI code FS\_Resident Rel-18 CR0018R- Cat B*  *Same as 2055r1*  **Revision of S1-212055.** |
| CR | [S1-212075](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\docs\S1-212075r3.zip) | Huawei | CRv18.0.1 CorrectionClause5.10 | Revised to S1-212122 | **e-Thread: [FS\_Resident - 10]**  *code*  *Rel-18 CRXXXXR- Cat D*  Missing CR number  2075r4 agreed (CR number corrected, cat F and clauses affected) |
| CR | [S1-212122](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\docs\S1-212122.zip) | Huawei | CR22.858v18.0.1 CorrectionClause5.10 | Agreed | ***e-Thread: [FS\_Resident - 10]***  *code FS\_Resident Rel-18 CRXXXXR- Cat D*  *Same as 2075r4*  **Revision of S1-212075.** |
| CR | [S1-212076](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\docs\S1-212076r3.zip) | Huawei | CRv18.0.1 CorrectionClause5.11 | Revised to S1-212123 | **e-Thread: [FS\_Resident -11]**  *WI code*  *Rel-18 CRXXXXR- Cat D*  Missing CR number  2076r3 agreed |
| CR | [S1-212123](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\docs\S1-212123.zip) | Huawei | CR22.858v18.0.1 CorrectionClause5.11 | Agreed | ***e-Thread: [FS\_Resident -11]***  *WI code FS\_Resident Rel-18 CRXXXXR- Cat D*  *Same as 2076r3*  **Revision of S1-212076.** |
| CR | [S1-212077](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\docs\S1-212077.zip) | Huawei | CRv18.0.1 CorrectionClause5.12 | Noted | **e-Thread: [FS\_Resident - 12]**  *WI code*  *Rel-18 CRXXXXR- Cat D*  Missing CR number |
| CR | [S1-212093](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\docs\S1-212093r1.zip) | Philips | CRv18.0.1 Clarification of PRAS provisioning | Revised to S1-212124 | **e-Thread: [FS\_Resident - 13]**  *WI code*  *Rel-18 CR0024R- Cat B*  2093r2 agreed |
| CR | [S1-212124](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\docs\S1-212124.zip) | Philips | CR22.858v18.0.1 Clarification of PRAS provisioning | Agreed | ***e-Thread: [FS\_Resident - 13]***  *WI code FS\_Resident Rel-18 CR0024R- Cat B*  *Same as 2093r2*  **Revision of S1-212093.** |
| CR | [S1-212047](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\Docs\S1-212047.zip) | KPN | CRv18.0.1 Remove Editor's Note and add Note on requirements E2E QoS Monitoring | Revised to S1-212125 | **e-Thread: [FS\_Resident - 14]**  *WI code*  *Rel-18 CR0011R- Cat C*  2047r1 agreed |
| CR | [S1-212125](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\docs\S1-212125.zip) | KPN | CR22.858v18.0.1 Remove Editor's Note and add Note on requirements E2E QoS Monitoring | Agreed | ***e-Thread: [FS\_Resident - 14]***  *WI code FS\_Resident Rel-18 CR0011R- Cat C*  *Same as 2047r1*  **Revision of S1-212047.** |
| CR | [S1-212048](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\Docs\S1-212048.zip) | KPN | CRv18.0.1 Remote Editor's Notes on requirements consolidation | Agreed | **e-Thread: [FS\_Resident - 14]**  *WI code*  *Rel-18 CR0012R- Cat D* |
| CR | [S1-212049](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\Docs\S1-212049.zip) | KPN | CRv18.0.1 Removing editor's note on rephrasing requirements | Agreed | **e-Thread: [FS\_Resident - 14]**  *WI code*  *Rel-18 CR0013R- Cat D* |
| CR | [S1-212050](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\Docs\S1-212050r1.zip) | KPN | CRv18.0.1 Remove Editor’s Notes in Use Case 5.16 - 5G LAN with fixed IP VPN | Revised to S1-212126 | **e-Thread: [FS\_Resident - 14]**  *WI code*  *Rel-18 CR0014R- Cat D*  *2050r1 agreed* |
| CR | [S1-212126](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\docs\S1-212126.zip) | KPN | CR22.858v18.0.1 Remove Editor’s Notes in Use Case 5.16 - 5G LAN with fixed IP VPN | Agreed | ***e-Thread: [FS\_Resident - 14]***  *WI code FS\_Resident Rel-18 CR0014R- Cat D*  *Same as 2050r1*  **Revision of S1-212050.** |
| CR | [S1-212051](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\Docs\S1-212051.zip) | KPN | CRv18.0.1 Remove Editor’s Notes in 5.18 on requirements Control by Authorised Adminstrator | Agreed | **e-Thread: [FS\_Resident - 14]**  *WI code*  *Rel-18 CR0015R- Cat C* |
| CR | [S1-212053](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\Docs\S1-212053.zip) | KPN | CRv18.0.1 Remove Editor’s Note in 5.22 on requirements external services behind eRG in CPN | Agreed | **e-Thread: [FS\_Resident - 14]**  *WI code*  *Rel-18 CR0016R- Cat D* |
| **Block N –New use cases contributions** | | | | | |
| CR | [S1-212022](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\Docs\S1-212022r2.zip) | InterDigital | CRv18.0.1 New use case on enabling minimum user interaction for a relocated evolved residential gateway | Noted | **e-Thread: [FS\_Resident - 15]**  *WI code*  *Rel-18 CR0004R- Cat B* |
| CR | [S1-212063](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\Docs\S1-212063r1.zip) | InterDigital | CRv18.0.1 Use case on supporting inter-connection between CPNs in different networks | Noted | **e-Thread: [FS\_Resident - 16]**  *WI code*  *Rel-18 CR0019R- Cat B* |
| **General** | | | | | |
| Cont | [S1-212041](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\docs\S1-212041.zip) | KPN | Resident consolidation discussion document | Noted | **e-Thread: [FS\_Resident - 17]** |
| CR | [S1-212042](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\docs\S1-212042r6.zip) | KPN | CRv18.0.1 Resident requirements consolidation 22.858CR | Revised to S1-212127 | **e-Thread: [FS\_Resident - 17]**  *WI code*  *Rel-18 CR0006R- Cat C*  *2042r7 agreed* (editorial and format clean up + Section 7.4 [number requirement + delete status+ last bullet in req 2 (e.g. the entity is printer).] + Section 7.8 [alternative req added+ Req 5 charging data collection + Req 6 charging data] + Section 7.9 [Alternative req. added + No req 6 + PR 5.21.6-003 added to alt. req 2 + Req1&2 identification instead of identifier+ req 3 Subject to operator policy, included + alt 4&5 remove e.g.] + Section 7.10 (remove 5G from 5G UE in Req1 and Note) |
| CR | [S1-212127](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\docs\S1-212127.zip) | KPN | CR22.858v18.0.1 Resident requirements consolidation 22.858CR | Agreed | ***e-Thread: [FS\_Resident - 17]***  *WI code FS\_Resident Rel-18 CR0006R- Cat C*  *Same as 2042r7*  **Revision of S1-212042.** |
| 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: [TR22.859 v18.0.1](https://www.3gpp.org/ftp/Specs/archive/22_series/22.858/22858-i01.zip)  Target completion date: SA#92 (06/2021)  Percentage completion: 90% | | | | **Details e-mail discussion** :  Moderator: Greg Schumacher  # e-threads: 11 | |
| **Block N** | | | | | |
| CR | [S1-212031](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\docs\S1-212031.zip) | vivo | CR22.859v18.0.1 Editorials | Agreed | **e-Thread: [FS\_PIN - 1]**  *WI code* FS\_PIN *Rel-18 CR0008R- Cat D* |
| CR | [S1-212024](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\docs\S1-212024r02.zip) | vivo | CR22.859v18.0.1 PIN Element definition update and abbreviations added | Revised to S1-212128 | **e-Thread: [FS\_PIN - 2]**  *WI code* FS\_PIN *Rel-18 CR0002R- Cat F*  2024r02 agreed |
| CR | [S1-212128](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\docs\S1-212128.zip) | vivo | CR22.859v18.0.1 PIN Element definition update and abbreviations added | Agreed | ***e-Thread: [FS\_PIN - 2]***  *WI code FS\_PIN Rel-18 CR0002R- Cat F*  *Same as 2024r02*  **Revision of S1-212024.** |
| CR | [S1-212091](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\docs\S1-212091r2.zip) | Philips | CR22.859v18.0.1 PIN definition update | Noted | **e-Thread: [FS\_PIN - 2]**  *WI code* FS\_PIN *Rel-18 CR0014R- Cat F*  *2091r2* |
| CR | [S1-212020](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\docs\S1-212020r11.zip) | InterDigital | CR22.859v18.0.1 Requirements on PIN element discovery restriction | Revised to S1-212129 | **e-Thread: [FS\_PIN - 3]**  *WI code* FS\_PIN *Rel-18 CR0001R- Cat B*  *2020r12 agreed (no MS Word comments and addition to last req.* Editor’s Note: This requirement is FFS.) |
| CR | [S1-212129](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\docs\S1-212129.zip) | InterDigital | CR22.859v18.0.1 Requirements on PIN element discovery restriction | Agreed | ***e-Thread: [FS\_PIN - 3]***  *WI code FS\_PIN Rel-18 CR0001R- Cat B*  *Same as 2020r12*  **Revision of S1-212020.** |
| CR | [S1-212025](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\docs\S1-212025r01.zip) | vivo | CR22.859v18.0.1 Usecase 5:4 & 5.7: Update existing requirements section | Revised to S1-212130 | **e-Thread: [FS\_PIN - 4]**  *WI code* FS\_PIN *Rel-18 CR0003R- Cat B*  *2025r2 agreed (no comments from MsWord)* |
| CR | [S1-212130](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\docs\S1-212130.zip) | vivo | CR22.859v18.0.1 Usecase 5:4 & 5.7: Update existing requirements section | Agreed | ***e-Thread: [FS\_PIN - 4]***  *WI code FS\_PIN Rel-18 CR0003R- Cat B*  *Same as 2130r2*  **Revision of S1-212025.** |
| CR | [S1-212030](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\docs\S1-212030r6.zip) | Intel | CR22.859v18.0.1 Clarification for potential requirements of UCs 5.3, 5.5, 5.8, 5.9 | Revised to S1-212131 | **e-Thread: [FS\_PIN - 5]**  *WI code* FS\_PIN *Rel-18 CR0007R- Cat B*  *2030r7 agreed (no second change so no* [PR-5.5.6-3]) |
| CR | [S1-212131](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\docs\S1-212131.zip) | Intel | CR22.859v18.0.1 Clarification for potential requirements of UCs 5.3, 5.5, 5.8, 5.9 | Agreed | ***e-Thread: [FS\_PIN - 5]***  *WI code FS\_PIN Rel-18 CR0007R- Cat B*  *Same as 2030r7*  **Revision of S1-212030.** |
| CR | [S1-212072](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\docs\S1-212072r2.zip) | Huawei | CR22.859v18.0.1 Addition of potential requirements on PIN Element identity and discovery of PIN Elemenet identity | Revised to S1-212132 | **e-Thread: [FS\_PIN - 6]**  *WI code* FS\_PIN *Rel-18 CR0009R- Cat C*  *2072r3 agreed (not TAB)* |
| CR | [S1-212132](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\docs\S1-212132.zip) | Huawei | CR22.859v18.0.1 Addition of potential requirements on PIN Element identity and discovery of PIN Elemenet identity | Agreed | ***e-Thread: [FS\_PIN - 6]***  *WI code FS\_PIN Rel-18 CR0009R- Cat C*  *Same as 2072r3*  **Revision of S1-212072.** |
| CR | [S1-212074](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\docs\S1-212074.zip) | Huawei | CR22.859v18.0.1 Addition of potential requirement on PIN identity | Merge into 2072r1 | **e-Thread: [FS\_PIN - 6]**  *WI code* FS\_PIN *Rel-18 CR0010R- Cat C* |
| CR | [S1-212087](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\docs\S1-212087r4.zip) | Philips | CR22.859v18.0.1 Device discovery clarification | Noted | **e-Thread: [FS\_PIN – 7]**  *WI code* FS\_PIN *Rel-18 CR0011R- Cat B*  *2087r4* |
| CR | [S1-212088](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\docs\S1-212088r3.zip) | Philips | CR22.859v18.0.1 Clarification of 22.101 requirement | Revised to S1-212133 | **e-Thread: [FS\_PIN - 8]**  *WI code* FS\_PIN *Rel-18 CR0012R- Cat B*  2088r4 agreed (delete clauses that are not affected |
| CR | [S1-212133](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\docs\S1-212133.zip) | Philips | CR22.859v18.0.1 Clarification of 22.101 requirement | Agreed | ***e-Thread: [FS\_PIN - 8]***  *WI code FS\_PIN Rel-18 CR0012R- Cat B*  *Same as 2088r4*  **Revision of S1-212088.** |
| CR | [S1-212090](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\docs\S1-212090r4.zip) | Philips, Futurewei, vivo | CR22.859v18.0.1 Clarifying subscription aspects | Revised to S1-212134 | **e-Thread: [FS\_PIN - 9]**  *WI code* FS\_PIN *Rel-18 CR0013R- Cat F*  *2090r5 agreed (requirements will say* authorized party, all added text with PIN User deleted) |
| CR | [S1-212134](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\docs\S1-212134.zip) | Philips, Futurewei, vivo | CR22.859v18.0.1 Clarifying subscription aspects | Agreed | ***e-Thread: [FS\_PIN - 9]***  *WI code FS\_PIN Rel-18 CR0013R- Cat F*  *Same as 2090r5*  **Revision of S1-212090.** |
| **General** | | | | | |
| CR | [S1-212026](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\docs\S1-212026.zip) | vivo | CR22.859v18.0.1 Conclusions | Agreed | **e-Thread: [FS\_PIN - 10]**  *WI code* FS\_PIN *Rel-18 CR0004R- Cat B* |
| CR | [S1-212027](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\docs\S1-212027r08.zip) | vivo | CR22.859v18.0.1 Requirements consolidation - part 1 | Revised to S1-212135 | **e-Thread: [FS\_PIN - 11]**  *WI code* FS\_PIN *Rel-18 CR0005R- Cat B*  *2027r09 agreed (fix formatting problems and numbering +* including req from 2028r04 with an Editor’s Note: This requirement is FFS+ Section 7.0 add simultaneously+ Section 7.2 remove status + Section 7.7 [req1 remove “Local Break Out (LBO) or” + “time validity” in the Note] + Section 7.9 PIN identification instead of identifier*).* |
| CR | [S1-212135](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\docs\S1-212135.zip) | vivo | CR22.859v18.0.1 Requirements consolidation - part 1 | Agreed | ***e-Thread: [FS\_PIN - 11]***  *WI code FS\_PIN Rel-18 CR0005R- Cat B*  *Same as 2027r09*  **Revision of S1-212027.** |
| CR | [S1-212028](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\docs\S1-212028r04.zip) | vivo | CR22.859v18.0.1 Requirements consolidation - part 2 | Merge into 2027r09 | **e-Thread: [FS\_PIN - 11]**  *WI code* FS\_PIN *Rel-18 CR0006R- Cat B*  2028r04 |
| 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: [TR22.844 v18.0.1](https://www.3gpp.org/ftp/Specs/archive/22_series/22.858/22858-i01.zip)  Target completion date: SA#92 (06/2021)  Percentage completion: 93.3% | | | | **Details e-mail discussion** :  Moderator: Mona Mustapha  # e-threads: 6 | |
| **Block N** | | | | | |
| Cont | [S1-212070](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\docs\S1-212070.zip) | Charter Communications | CR22.844v18.0.1 FS\_PALS Update: Chapter 5.6.6 Requirement for User Awareness | Noted | **e-Thread: [FS\_PALS - 1]** |
| CR | [S1-212016](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\docs\S1-212016r8.zip) | Charter Communications | CR22.844v18.0.1 FS\_PALS Update: Chapter 5.6.6 Requirement for User Awareness | Revised to S1-212136 | **e-Thread: [FS\_PALS - 1]**  *WI code* FS\_PALS *Rel-18 CR0001R- Cat F*  2016r9 agreed (not changes on changes and not MS Word comments and correct style for the Note) |
| CR | [S1-212136](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\docs\S1-212136.zip) | Charter Communications | CR22.844v18.0.1 FS\_PALS Update: Chapter 5.6.6 Requirement for User Awareness | Agreed | ***e-Thread: [FS\_PALS - 1]***  *WI code FS\_PALS Rel-18 CR0001R- Cat F*  *Same as 2016r9*  **Revision of S1-212016.** |
| CR | [S1-212019](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\docs\S1-212019r1.zip) | Lenovo, Motorola Mobility | CR22.844v18.0.1 Miscellaneous corrections from pCR implementation | Revised to S1-212137 | **e-Thread: [FS\_PALS – 2]**  *WI code* FS\_PALS *Rel-18 CR0002R- Cat F*  *2019r1 agreed* |
| CR | [S1-212137](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\docs\S1-212137.zip) | Lenovo, Motorola Mobility | CR22.844v18.0.1 Miscellaneous corrections from pCR implementation | Agreed | ***e-Thread: [FS\_PALS – 2]***  *WI code FS\_PALS Rel-18 CR0002R- Cat F*  *Same as 2019r1*  **Revision of S1-212019.** |
| CR | [S1-212062](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\docs\S1-212062.zip) | Samsung | CR22.844v18.0.1 Removal of Editor’s Note from Clause 5.10.5 | Agreed | **e-Thread: [FS\_PALS - 3]**  *WI code* FS\_PALS *Rel-18 CR0004R- Cat D* |
| CR | [S1-212086](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\docs\S1-212086r07.zip) | vivo | CR22.844v18.0.1 Update of manual selection | Revised to S1-212138 | **e-Thread: [FS\_PALS - 4]**  *WI code* FS\_PALS *Rel-18 CR0005R- Cat F*  2086r08 agreed (no changes to [PR.5.15.6-1]) |
| CR | [S1-212138](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\docs\S1-212138.zip) | vivo | CR22.844v18.0.1 Update of manual selection | Agreed | ***e-Thread: [FS\_PALS - 4]***  *WI code FS\_PALS Rel-18 CR0005R- Cat F*  *Same as 2086r08*  **Revision of S1-212086.** |
| CR | [S1-212095](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\docs\S1-212095r5.zip) | Philips | CR22.844v18.0.1 Clarification of use case 5.15 | Revised to S1-212139 | **e-Thread: [FS\_PALS - 5]**  *WI code* FS\_PALS *Rel-18 CR0006R- Cat F*  2095r6 agreed (no changes on the Note) |
| CR | [S1-212139](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\docs\S1-212139.zip) | Philips | CR22.844v18.0.1 Clarification of use case 5.15 | Agreed | ***e-Thread: [FS\_PALS - 5]***  *WI code FS\_PALS Rel-18 CR0006R- Cat F*  *Same as 2095r6*  **Revision of S1-212095.** |
| **General** | | | | | |
| Cont | [S1-212037](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\docs\S1-212037r04.zip) | Qualcomm | Discussion on remaining consolidated requirements | Noted | **e-Thread: [FS\_PALS - 6]** |
| CR | [S1-212038](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\docs\S1-212038r010.zip) | Qualcomm | CR22.844v18.0.1 CR to update consolidated requirements | Revised to S1-212150 | **e-Thread: [FS\_PALS - 6]**  *WI code* FS\_PALS *Rel-18 CR0003R- Cat F*  2038r11 agreed (format and cover page fixes + renumbering requirements + req 11 Editor’s Note: this requirement is FFS+ delete all CPR TBD + delete consolidation summary) |
| CR | [S1-212150](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\docs\S1-212150.zip) | Qualcomm | CR22.844v18.0.1 CR to update consolidated requirements | Agreed | ***e-Thread: [FS\_PALS - 6]***  *WI code FS\_PALS Rel-18 CR0003R- Cat F*  *Same as 2038r11*  **Revision of S1-212038.** |
| 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: [TR22.839 v1.0.0](https://ftp.3gpp.org/Specs/archive/22_series/22.839/22839-100.zip)  Target completion date: SA#93 (09/2021)  Percentage completion: 85% | | | | **Details e-mail discussion** :  Moderator: XIA Xu  # e-threads: 3 | |
| **Block N** | | | | | |
| Cont | [S1-212061](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\docs\S1-212061.zip) | Samsung | 22.839 P-CR: Clean up of use case 5.15 | Agreed | **e-Thread: [FS\_VMR - 1]** |
| **General** | | | | | |
| Cont | [S1-212033](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\docs\S1-212033.zip) | Qualcomm | Baseline consolidated requirements | Noted | **e-Thread: [FS\_VMR - 2]** |
| Cont | [S1-212034](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\docs\S1-212034r6.zip) | Qualcomm | Updated proposal on consolidated requirements | Revised to S1-212140 | **e-Thread: [FS\_VMR - 2]**  2034r7 agreed (no square brackets + req 1 editors note+ req 2&3 no e.g. + req 4 deleted+ req6 NOTE 2: QoS is end-to-end QoS, i.e. from UE to 5GC + req 7 Editor’s Note: this requirement is for FFS + req 8 deleted + req 12 deleted + section Mobility and Service Continuity renamed to Mobility + req13 Editor’s Note: this requirement is FFS. + req18 no e.g. + req 22 Editor’s Note: this requirement is FFS.) |
| Cont | [S1-212140](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\docs\S1-212140.zip) | Qualcomm | Updated proposal on consolidated requirements | Agreed | ***e-Thread: [FS\_VMR - 2]***  *Same as 2034r7*  **Revision of S1-212034.** |
| Cont | [S1-212035](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\docs\S1-212035.zip) | Qualcomm | TR conclusions | Revised to S1-212141 | **e-Thread: [FS\_VMR - 3]**  2035r1 agreed(remove , e.g. mounted on a vehicle + “of”) |
| Cont | [S1-212141](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\docs\S1-212141.zip) | Qualcomm | TR conclusions | Agreed | ***e-Thread: [FS\_VMR - 3]***  *Same as 2035r1*  **Revision of S1-212035.** |
| FS\_VMR output | | | | | |
| TR | S1-212100 | Rapporteur (Qualcomm) | TR22.839 v1.1.0 to include agreements at this meeting | Agreed | First draft by Tue13th 23:00 UTC  Comments till Thu15th 23:00UTC  Final version by Fri16th 23:00UTC |
| 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: [TR22.847 v0.2.0](https://www.3gpp.org/ftp/Specs/archive/22_series/22.847/22847-020.zip)  Target completion date: SA#93 (09/2021)  Percentage completion: 40% | | | | **Details e-mail discussion** :  Moderator: Jose Almodovar  # e-threads: 15 | |
| **General and existing use cases** | | | | | |
| Cont | [S1-212078](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\docs\S1-212078r1.zip) | China Mobile | FS\_TACMM Concept discussion and way forward | Noted | **e-Thread: [FS\_TACMM - 1]** |
| Cont | [S1-212097](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\docs\S1-212097.zip) | SA1 chair | FS\_TACMM Discussion slides | Noted | **e-Thread: [FS\_TACMM - 1]** |
| Cont | [S1-212005](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\docs\S1-212005r2.zip) | InterDigital, Xiaomi, China Mobile | FS\_TACMM: Alignment of the scope with the SID | Revised to S1-212142 | **e-Thread: [FS\_TACMM - 1]**  2005r3 agreed(delete coma after network and MS word comments) |
| Cont | [S1-212142](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\docs\S1-212142.zip) | InterDigital, Xiaomi, China Mobile | FS\_TACMM: Alignment of the scope with the SID | Agreed | ***e-Thread: [FS\_TACMM - 1]***  *Same as 2005r3*  **Revision of S1-212005.** |
| Cont | [S1-212006](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\docs\S1-212006r5.zip) | InterDigital | FS\_TACMM: Resolving the Editor’s Notes on the use case Haptic feedback for a personal exclusion zone | Noted | **e-Thread: [FS\_TACMM - 2]**  2006r5 |
| Cont | [S1-212079](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\docs\S1-212079r4.zip) | China Mobile | FS\_TACMM Updating 5.1 use case of Immersive multi-modality VR application | Revised to S1-212143 | **e-Thread: [FS\_TACMM - 3]**  2079r5 agreed (include Mbit/s in the KPI table + editorial fix) |
| Cont | [S1-212143](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\docs\S1-212143.zip) | China Mobile | FS\_TACMM Updating 5.1 use case of Immersive multi-modality VR application | Agreed | ***e-Thread: [FS\_TACMM - 3]***  *Same as 2079r5*  **Revision of S1-212079.** |
| Cont | [S1-212080](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\docs\S1-212080r6.zip) | China Mobile | FS\_TACMM Adding potential requirement of Immersive VR games | Revised to S1-212144 | **e-Thread: [FS\_TACMM - 4]**  2080r7 agreed (removing potential requirements). |
| Cont | [S1-212144](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\docs\S1-212144.zip) | China Mobile | FS\_TACMM Adding potential requirement of Immersive VR games | Agreed | ***e-Thread: [FS\_TACMM - 4]***  *Same as 2080r7*  **Revision of S1-212080.** |
| Cont | [S1-212058](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\docs\S1-212058.zip) | Lenovo, Motorola Mobility | Editorial corrections to TR 22.847 v0.2.0 | Agreed | **e-Thread: [FS\_TACMM - 5]** |
| **New use cases** | | | | | |
| Cont | [S1-212007](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\docs\S1-212007r1.zip) | InterDigital, Telefónica | FS\_TACMM: New use case on Augmented robotic telepresence | Noted | **e-Thread: [FS\_TACMM - 6]** |
| Cont | [S1-212029](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\docs\S1-212029r4.zip) | InterDigital | FS\_TACMM: New use case on haptic and multimodal feedback for precision training of elite athletes | Revised to S1-212149 | **e-Thread: [FS\_TACMM - 7]**  2029r4 (get a tdoc) |
| Cont | [S1-212149](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\docs\S1-212149.zip) | InterDigital | FS\_TACMM: New use case on haptic and multimodal feedback for precision training of elite athletes | Noted | ***e-Thread: [FS\_TACMM - 7]***  *Same as 2029r4*  **Revision of S1-212029.** |
| Cont | [S1-212052](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\docs\S1-212052.zip) | Xiaomi | TACMM\_Smart-Factory backup in Multi-modality Interaction System | Noted | **e-Thread: [FS\_TACMM - 8]** |
| Cont | [S1-212056](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\docs\S1-212056r7.zip) | Xiaomi | Multi-Modality service – motion control | Noted | **e-Thread: [FS\_TACMM - 9]**  2056r7 |
| Cont | [S1-212057](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\docs\S1-212057r4.zip) | Xiaomi | New Use Case Live Event Selective Immersion | Revised to S1-212145 | **e-Thread: [FS\_TACMM - 10]**  2057r4 agreed |
| Cont | [S1-212145](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\docs\S1-212145.zip) | Xiaomi | New Use Case Live Event Selective Immersion | Agreed | ***e-Thread: [FS\_TACMM - 10]***  *Same as 2057r4*  **Revision of S1-212057.** |
| Cont | [S1-212071](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\docs\S1-212071r2.zip) | Xiaomi | TACMM New Use Case Smart-Factory backup in Multi-modality Interaction System | Noted | **e-Thread: [FS\_TACMM - 11]**  2071r3 |
| Cont | [S1-212073](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\docs\S1-212073r2.zip) | Huawei | Use case “Support for IEEE P1918.1 architecture” | Revised to S1-212146 | **e-Thread: [FS\_TACMM - 12]**  2073r2 agreed |
| Cont | [S1-212146](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\docs\S1-212146.zip) | Huawei | Use case “Support for IEEE P1918.1 architecture” | Agreed | ***e-Thread: [FS\_TACMM - 12]***  *Same as 2073r2*  **Revision of S1-212073.** |
| Cont | [S1-212081](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\docs\S1-212081r3.zip) | China Mobile | FS\_TACMM use case Smart Prosthesis and Its Safety Model | Noted | **e-Thread: [FS\_TACMM - 13]**  2081r3 |
| Cont | [S1-212082](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\docs\S1-212082r1.zip) | China Mobile | FS\_TACMM use case Virtual Factory | Revised to S1-212147 | **e-Thread: [FS\_TACMM - 14]**  2082r2 agreed (Editor’s note: the above requirements are for FFS. |
| Cont | [S1-212147](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\docs\S1-212147.zip) | China Mobile | FS\_TACMM use case Virtual Factory | Agreed | ***e-Thread: [FS\_TACMM - 14]***  *Same as 2082r2*  **Revision of S1-212082.** |
| Cont | [S1-212083](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\docs\S1-212083.zip) | China Mobile | FS\_TACMM use case Remote UAV control through HD video in First Person View | Noted | **e-Thread: [FS\_TACMM - 15]**  2083r3 |
| FS\_TACMM output | | | | | |
| TR | S1-212101 | Rapporteur (China Mobile) | TR22.847v0.3.0 to include agreements at this meeting | Agreed | First draft by Tue13th 23:00 UTC  Comments till Thu15th 23:00UTC  Final version by Fri16th 23:00UTC |
| New WIDs | | | | | |
| WID | [S1-212023](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\docs\S1-212023.zip) | BDBOS, A.S.T.R.I.D., BMWi, Ericsson, FirstNet, Home Office, MINISTERE DE L'INTERIEUR, Netherlands Police, Norwegian Communications Authority, Suomen Erillisverkot Oy, UIC, ZITiS | Sharing administrative configuration between interconnected MCX Service systems | Agreed | **e-Thread: [NewWID – SACI\_MCS]** |
| WID | [S1-212036](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\docs\S1-212036r1.zip) | Qualcomm | New WID on Vehicle Relays | Noted | **e-Thread:** **[NewWID –VMR]**  2036r2 |
| WID | [S1-212040](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\docs\S1-212040r3.zip) | KPN, vivo | New WID on Personal IoT and Residential networks Service Requirements - PIRates | Revised to S1-212148 | **e-Thread: [NewWID – PIRates]**  2040r4 agreed (remove ~~(consumer networks that can connect to the 5G network),~~ change example to e.g. for scalability, adding Intel as supporting company) |
| WID | [S1-212148](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\docs\S1-212148.zip) | KPN, vivo | New WID on Personal IoT and Residential networks Service Requirements - PIRates | Agreed | ***e-Thread: [NewWID – PIRates]***  *Same as 2040r4*  **Revision of S1-212040.** |
| Cont | [S1-212089](file:///C:\Users\almodovarchicojl\Desktop\TSGS1_94bise_July2021\docs\S1-212089.zip) | KPN | Proposed structure for 22.261 section on Resident and PINs | Noted | **e-Thread: [NewWID – PIRates]** |
| Work Item/Study Item progress | | | | | |
| Session information outputs | | | | | |
| Work Item/Study Item status update | | | | | |
| Next meetings | | | | | |
| Calendar | | | | | |
| **2021 meetings:**  SA1#95e 23 Aug-2 Sep 2021 e-meeting  SA1#96e 8-18 Nov 2021 e-meeting | | | | | |
| Any other business | | | | | |
| Close | | | | | |
| Close latest by 16:00 UTC on Monday 12 July 2021 | | | | | |