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**Conclusion**: Agreed, Approved, Revised to S1-16xxxx, Noted, Withdrawn, Moved to section xxx, Rejected, Postponed, Email Approval, Not Handled, Unallocated, Drafting

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| --- | --- | --- | --- | --- | --- |
| DocType | Tdoc number | Sourcing company(ies) | Document Title | Conclusion | Comments |
| CR | S1-19xxxx | Source | Title | Agreed / Approved |  |
| CR | S1-19xxxx | Source | Title | Revised to S1-19xxxx |  |
| 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| CR | S1-19xxxx | Source | Title | Withdrawn |  |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**



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| --- |
| 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 |  |  |
| AGE | S1-212001 | SA1 Chair | Final 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 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 |  |  |
| 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) |  |  |
| REP | S1-212003 | MCC | MCC reminder on rules for writing CRs |  |  |
| 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%3A%5CUsers%5Calmodovarchicojl%5CDesktop%5CTSGS1_94bise_July2021%5CDocs%5CS1-212064.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%3A%5CUsers%5Calmodovarchicojl%5CDesktop%5CTSGS1_94bise_July2021%5CDocs%5CS1-212010.zip) | EUTC, Vodafone, Samsung, NOVAMINT, EDF, Telefonica, Deutsche Telekom, Nokia, Nokia Shanghai Bell | CR22.867v18.0.1 Addressing EN resolution for “timely” term meaning | Agreed | **e-Thread: [FS\_5GSEI - 1]***WI code* FS\_5GSEI *Rel-18 CR0002R- Cat D*2010r1 agreed |
| CR | [S1-212011](file:///C%3A%5CUsers%5Calmodovarchicojl%5CDesktop%5CTSGS1_94bise_July2021%5CDocs%5CS1-212011.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 | Agreed | **e-Thread: [FS\_5GSEI - 1]***WI code* FS\_5GSEI *Rel-18 CR0003R- Cat D*2011r1 agreed  |
| CR | [S1-212012](file:///C%3A%5CUsers%5Calmodovarchicojl%5CDesktop%5CTSGS1_94bise_July2021%5CDocs%5CS1-212012.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 | Agreed | **e-Thread: [FS\_5GSEI - 1]***WI code* FS\_5GSEI *Rel-18 CR0004R- Cat D*2012r1agreed |
| CR | [S1-212013](file:///C%3A%5CUsers%5Calmodovarchicojl%5CDesktop%5CTSGS1_94bise_July2021%5CDocs%5CS1-212013.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 | Agreed | **e-Thread: [FS\_5GSEI - 1]***WI code* FS\_5GSEI *Rel-18 CR0005R- Cat D*2013r1agreed  |
| CR | [S1-212014](file:///C%3A%5CUsers%5Calmodovarchicojl%5CDesktop%5CTSGS1_94bise_July2021%5CDocs%5CS1-212014.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 | Agreed | **e-Thread: [FS\_5GSEI - 1]***WI code* FS\_5GSEI *Rel-18 CR0006R- Cat D*2014r1agreed  |
| CR | [S1-212015](file:///C%3A%5CUsers%5Calmodovarchicojl%5CDesktop%5CTSGS1_94bise_July2021%5CDocs%5CS1-212015.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%3A%5CUsers%5Calmodovarchicojl%5CDesktop%5CTSGS1_94bise_July2021%5CDocs%5CS1-212084.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%3A%5CUsers%5Calmodovarchicojl%5CDesktop%5CTSGS1_94bise_July2021%5CDocs%5CS1-212085r1.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 S1-212084.2085r1 agreed |
| CR | [S1-212066](file:///C%3A%5CUsers%5Calmodovarchicojl%5CDesktop%5CTSGS1_94bise_July2021%5CDocs%5CS1-212066.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%3A%5CUsers%5Calmodovarchicojl%5CDesktop%5CTSGS1_94bise_July2021%5CDocs%5CS1-212065.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%3A%5CUsers%5Calmodovarchicojl%5CDesktop%5CTSGS1_94bise_July2021%5CDocs%5CS1-212067.zip) | Samsung, EUTC, Vodafone, Telefonica, BMWi, EDF, Novamint | CR22.867v18.0.1 USIM Related Requirements for Manageability | Pre-Agreed | **e-Thread: [FS\_5GSEI - 3]***WI code* FS\_5GSEI *Rel-18 CR0013R- Cat F* |
| CR | [S1-212068](file:///C%3A%5CUsers%5Calmodovarchicojl%5CDesktop%5CTSGS1_94bise_July2021%5CDocs%5CS1-212068r1.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*2068r1 agreed |
| CR | [S1-212069](file:///C%3A%5CUsers%5Calmodovarchicojl%5CDesktop%5CTSGS1_94bise_July2021%5CDocs%5CS1-212069.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%3A%5CUsers%5Calmodovarchicojl%5CDesktop%5CTSGS1_94bise_July2021%5CDocs%5CS1-212060.zip) | China Telecom | CR22.867v18.0.1 Editorial Updates to TR22.867 |  | **e-Thread: [FS\_5GSEI - 5]***WI code* FS\_5GSEI *Rel-18 CR0011R- Cat F**Should be Cat D**2060r3* |
| CR | [S1-212008](file:///C%3A%5CUsers%5Calmodovarchicojl%5CDesktop%5CTSGS1_94bise_July2021%5CDocs%5CS1-212008r1.zip) | Samsung  | CR22.867v18.0.1 Manageability Consolidated Requirements Editor's Note Resolution |  | **e-Thread: [FS\_5GSEI - 6]***WI code* FS\_5GSEI *Rel-18 CR0001R- Cat F**2008r1* |
| CR | [S1-212018](file:///C%3A%5CUsers%5Calmodovarchicojl%5CDesktop%5CTSGS1_94bise_July2021%5CDocs%5CS1-212018.zip) | ZTE, China Telecom, CEPRI | CR22.867v18.0.1 Update Consolidated PR and KPI tables in Section 7 |  | **e-Thread: [FS\_5GSEI - 7]***WI code* FS\_5GSEI *Rel-18 CR0008R- Cat F**Mistakes in the Cover page**2018r3* |
| CR | [S1-212039](file:///C%3A%5CUsers%5Calmodovarchicojl%5CDesktop%5CTSGS1_94bise_July2021%5CDocs%5CS1-212039.zip) | China Telecom | CR22.867v18.0.1 Update to conclusion and recommendations |  | **e-Thread: [FS\_5GSEI - 8]***WI code* FS\_5GSEI *Rel-18 CR0009R- Cat D**Mistakes in the Cover page, cannot be D* |
| CR | [S1-212059](file:///C%3A%5CUsers%5Calmodovarchicojl%5CDesktop%5CTSGS1_94bise_July2021%5CDocs%5CS1-212059r6.zip) | CEPRI, China Telecom, ZTE | CR22.867v18.0.1 Security considerations |  | **e-Thread: [FS\_5GSEI - 9]***WI code* FS\_5GSEI *Rel-18 CR0010R- Cat B**Mistakes in the Cover page*2059r6 |
| 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%3A%5CUsers%5Calmodovarchicojl%5CDesktop%5CTSGS1_94bise_July2021%5CDocs%5CS1-212046.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%3A%5CUsers%5Calmodovarchicojl%5CDesktop%5CTSGS1_94bise_July2021%5CDocs%5CS1-212044r1.zip) | KPN | CRv18.0.1 Consistent usage of definition “Authorised Administrator” | Agreed | **e-Thread: [FS\_Resident - 2]***WI code*  *Rel-18 CR0008R- Cat C*2044r2 agreed (category D and right rev counter,*date corrected*) |
| CR | [S1-212045](file:///C%3A%5CUsers%5Calmodovarchicojl%5CDesktop%5CTSGS1_94bise_July2021%5CDocs%5CS1-212045.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%3A%5CUsers%5Calmodovarchicojl%5CDesktop%5CTSGS1_94bise_July2021%5CDocs%5CS1-212043r1.zip) | KPN | CRv18.0.1 Hybrid access in definitions | Agreed | **e-Thread: [FS\_Resident - 4]***WI code*  *Rel-18 CR0007R- Cat C**2043r2 agreed (rev counter, date corrected)* |
| CR | [S1-212092](file:///C%3A%5CUsers%5Calmodovarchicojl%5CDesktop%5CTSGS1_94bise_July2021%5Cdocs%5CS1-212092.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%3A%5CUsers%5Calmodovarchicojl%5CDesktop%5CTSGS1_94bise_July2021%5CDocs%5CS1-212021.zip) | China Telecom | CRv18.0.1 Clause5.5 routing via residential ip network |  | **e-Thread: [FS\_Resident - 5]***WI code*  *Rel-18 CR0003R- Cat F* |
| CR | [S1-212032](file:///C%3A%5CUsers%5Calmodovarchicojl%5CDesktop%5CTSGS1_94bise_July2021%5Cdocs%5CS1-212032.zip) | China Unicom | CRv18.0.1 Clause5.4 |  | **e-Thread: [FS\_Resident - 5]***WI code*  *Rel-18 CRXXXXR- Cat B*Missing CR number |
| CR | [S1-212094](file:///C%3A%5CUsers%5Calmodovarchicojl%5CDesktop%5CTSGS1_94bise_July2021%5Cdocs%5CS1-212094r1.zip) | Philips  | CRv18.0.1 Clarification of QoS between two UEs |  | **e-Thread: [FS\_Resident - 5]***WI code*  *Rel-18 CR0025R- Cat B* |
| CR | [S1-212004](file:///C%3A%5CUsers%5Calmodovarchicojl%5CDesktop%5CTSGS1_94bise_July2021%5CDocs%5CS1-212004r5.zip) | Apple | CRv18.0.1FS\_Resident: Clarification of Loss of 5GC connectivity requirements | Pre-Agreed | **e-Thread: [FS\_Resident - 6]***WI code*  *Rel-18 CR0001R- Cat C**2004r8 pre-agreed* |
| CR | [S1-212017](file:///C%3A%5CUsers%5Calmodovarchicojl%5CDesktop%5CTSGS1_94bise_July2021%5CDocs%5CS1-212017r5.zip) | Intel | CRv18.0.1 Update Use Case 5.21 for PRAS |  | **e-Thread: [FS\_Resident - 7]***WI code*  *Rel-18 CR0002R- Cat B* |
| CR | [S1-212054](file:///C%3A%5CUsers%5Calmodovarchicojl%5CDesktop%5CTSGS1_94bise_July2021%5CDocs%5CS1-212054.zip) | KPN | CRv18.0.1 Update of use case 5.2 use of 3GPP credentials | Pre-Agreed | **e-Thread: [FS\_Resident - 8]***WI code*  *Rel-18 CR0017R- Cat B**2054r1 pre-agreed* |
| CR | [S1-212055](file:///C%3A%5CUsers%5Calmodovarchicojl%5CDesktop%5CTSGS1_94bise_July2021%5CDocs%5CS1-212055.zip) | KPN | CRv18.0.1 Update use case 5.3 on service continuity between CPN and public network | Agreed | **e-Thread: [FS\_Resident – 9]***WI code*  *Rel-18 CR0018R- Cat B*2055r1 agreed |
| CR | [S1-212075](file:///C%3A%5CUsers%5Calmodovarchicojl%5CDesktop%5CTSGS1_94bise_July2021%5Cdocs%5CS1-212075r3.zip) | Huawei  | CRv18.0.1 CorrectionClause5.10 | Agreed | **e-Thread: [FS\_Resident - 10]***code*  *Rel-18 CRXXXXR- Cat D*Missing CR numberr4 agreed (CR number corrected, cat F and clauses affected) |
| CR | [S1-212076](file:///C%3A%5CUsers%5Calmodovarchicojl%5CDesktop%5CTSGS1_94bise_July2021%5Cdocs%5CS1-212076r3.zip) | Huawei  | CRv18.0.1 CorrectionClause5.11 |  | **e-Thread: [FS\_Resident -11]***WI code*  *Rel-18 CRXXXXR- Cat D*Missing CR number |
| CR | [S1-212077](file:///C%3A%5CUsers%5Calmodovarchicojl%5CDesktop%5CTSGS1_94bise_July2021%5Cdocs%5CS1-212077.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%3A%5CUsers%5Calmodovarchicojl%5CDesktop%5CTSGS1_94bise_July2021%5Cdocs%5CS1-212093r1.zip) | Philips  | CRv18.0.1 Clarification of PRAS provisioning | Agreed | **e-Thread: [FS\_Resident - 13]***WI code*  *Rel-18 CR0024R- Cat B*2093r2 pre-agreed |
| CR | [S1-212047](file:///C%3A%5CUsers%5Calmodovarchicojl%5CDesktop%5CTSGS1_94bise_July2021%5CDocs%5CS1-212047.zip) | KPN | CRv18.0.1 Remove Editor's Note and add Note on requirements E2E QoS Monitoring | Pre-Agreed | **e-Thread: [FS\_Resident - 14]***WI code*  *Rel-18 CR0011R- Cat C*2047r1 pre-agreed |
| CR | [S1-212048](file:///C%3A%5CUsers%5Calmodovarchicojl%5CDesktop%5CTSGS1_94bise_July2021%5CDocs%5CS1-212048.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%3A%5CUsers%5Calmodovarchicojl%5CDesktop%5CTSGS1_94bise_July2021%5CDocs%5CS1-212049.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%3A%5CUsers%5Calmodovarchicojl%5CDesktop%5CTSGS1_94bise_July2021%5CDocs%5CS1-212050.zip) | KPN | CRv18.0.1 Remove Editor’s Notes in Use Case 5.16 - 5G LAN with fixed IP VPN |  | **e-Thread: [FS\_Resident - 14]***WI code*  *Rel-18 CR0014R- Cat D* |
| CR | [S1-212051](file:///C%3A%5CUsers%5Calmodovarchicojl%5CDesktop%5CTSGS1_94bise_July2021%5CDocs%5CS1-212051.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%3A%5CUsers%5Calmodovarchicojl%5CDesktop%5CTSGS1_94bise_July2021%5CDocs%5CS1-212053.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%3A%5CUsers%5Calmodovarchicojl%5CDesktop%5CTSGS1_94bise_July2021%5CDocs%5CS1-212022r2.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%3A%5CUsers%5Calmodovarchicojl%5CDesktop%5CTSGS1_94bise_July2021%5CDocs%5CS1-212063r1.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%3A%5CUsers%5Calmodovarchicojl%5CDesktop%5CTSGS1_94bise_July2021%5Cdocs%5CS1-212041.zip) | KPN | Resident consolidation discussion document | Noted | **e-Thread: [FS\_Resident - 17]** |
| CR | [S1-212042](file:///C%3A%5CUsers%5Calmodovarchicojl%5CDesktop%5CTSGS1_94bise_July2021%5Cdocs%5CS1-212042.zip) | KPN | CR22.858v18.0.1 Resident requirements consolidation 22.858CR |  | **e-Thread: [FS\_Resident - 17]***WI code*  *Rel-18 CR0006R- Cat C**2042r2* |
| 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%3A%5CUsers%5Calmodovarchicojl%5CDesktop%5CTSGS1_94bise_July2021%5Cdocs%5CS1-212031.zip) | vivo | CR22.589v18.0.1 Editorials | Agreed | **e-Thread: [FS\_PIN - 1]***WI code* FS\_PIN *Rel-18 CR0008R- Cat D* |
| CR | [S1-212024](file:///C%3A%5CUsers%5Calmodovarchicojl%5CDesktop%5CTSGS1_94bise_July2021%5Cdocs%5CS1-212024r01.zip) | vivo  | CR22.589v18.0.1 PIN Element definition update and abbreviations added |  | **e-Thread: [FS\_PIN - 2]***WI code* FS\_PIN *Rel-18 CR0002R- Cat F* |
| CR | [S1-212091](file:///C%3A%5CUsers%5Calmodovarchicojl%5CDesktop%5CTSGS1_94bise_July2021%5Cdocs%5CS1-212091.zip) | Philips  | CR22.589v18.0.1 PIN definition update |  | **e-Thread: [FS\_PIN - 2]***WI code* FS\_PIN *Rel-18 CR0014R- Cat F* |
| CR | [S1-212020](file:///C%3A%5CUsers%5Calmodovarchicojl%5CDesktop%5CTSGS1_94bise_July2021%5Cdocs%5CS1-212020r4.zip) | InterDigital | CR22.589v18.0.1 Requirements on PIN element discovery restriction |  | **e-Thread: [FS\_PIN - 3]***WI code* FS\_PIN *Rel-18 CR0001R- Cat B* |
| CR | [S1-212025](file:///C%3A%5CUsers%5Calmodovarchicojl%5CDesktop%5CTSGS1_94bise_July2021%5Cdocs%5CS1-212025r01.zip) | vivo  | CR22.589v18.0.1 Usecase 5:4 & 5.7: Update existing requirements section | Agreed | **e-Thread: [FS\_PIN - 4]***WI code* FS\_PIN *Rel-18 CR0003R- Cat B**R2 agreed (no comments from MsWord)* |
| CR | [S1-212030](file:///C%3A%5CUsers%5Calmodovarchicojl%5CDesktop%5CTSGS1_94bise_July2021%5Cdocs%5CS1-212030r4.zip) | Intel | CR22.589v18.0.1 Clarification for potential requirements of UCs 5.3, 5.5, 5.8, 5.9 |  | **e-Thread: [FS\_PIN - 5]***WI code* FS\_PIN *Rel-18 CR0007R- Cat B* |
| CR | [S1-212072](file:///C%3A%5CUsers%5Calmodovarchicojl%5CDesktop%5CTSGS1_94bise_July2021%5Cdocs%5CS1-212072.zip) | Huawei  | CR22.589v18.0.1 Addition of potential requirements on PIN Element identity and discovery of PIN Elemenet identity |  | **e-Thread: [FS\_PIN - 6]***WI code* FS\_PIN *Rel-18 CR0009R- Cat C* |
| CR | [S1-212074](file:///C%3A%5CUsers%5Calmodovarchicojl%5CDesktop%5CTSGS1_94bise_July2021%5Cdocs%5CS1-212074.zip) | Huawei  | CR22.589v18.0.1 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%3A%5CUsers%5Calmodovarchicojl%5CDesktop%5CTSGS1_94bise_July2021%5Cdocs%5CS1-212087r1.zip) | Philips  | CR22.589v18.0.1 Device discovery clarification |  | **e-Thread: [FS\_PIN – 7]***WI code* FS\_PIN *Rel-18 CR0011R- Cat B* |
| CR | [S1-212088](file:///C%3A%5CUsers%5Calmodovarchicojl%5CDesktop%5CTSGS1_94bise_July2021%5Cdocs%5CS1-212088r1.zip) | Philips  | CR22.589v18.0.1 Clarification of 22.101 requirement |  | **e-Thread: [FS\_PIN - 8]***WI code* FS\_PIN *Rel-18 CR0012R- Cat B*2088r2  |
| CR | [S1-212090](file:///C%3A%5CUsers%5Calmodovarchicojl%5CDesktop%5CTSGS1_94bise_July2021%5Cdocs%5CS1-212090r1.zip) | Philips, Futurewei, vivo  | CR22.589v18.0.1 Clarifying subscription aspects |  | **e-Thread: [FS\_PIN - 9]***WI code* FS\_PIN *Rel-18 CR0013R- Cat F* |
| **General** |
| CR | [S1-212026](file:///C%3A%5CUsers%5Calmodovarchicojl%5CDesktop%5CTSGS1_94bise_July2021%5Cdocs%5CS1-212026.zip) | vivo  | CR22.589v18.0.1 Conclusions |  | **e-Thread: [FS\_PIN - 10]***WI code* FS\_PIN *Rel-18 CR0004R- Cat B* |
| CR | [S1-212027](file:///C%3A%5CUsers%5Calmodovarchicojl%5CDesktop%5CTSGS1_94bise_July2021%5Cdocs%5CS1-212027.zip) | vivo  | CR22.589v18.0.1 Requirements consolidation - part 1 |  | **e-Thread: [FS\_PIN - 11]***WI code* FS\_PIN *Rel-18 CR0005R- Cat B* |
| CR | [S1-212028](file:///C%3A%5CUsers%5Calmodovarchicojl%5CDesktop%5CTSGS1_94bise_July2021%5Cdocs%5CS1-212028.zip) | vivo  | CR22.589v18.0.1 Requirements consolidation - part 2 |  | **e-Thread: [FS\_PIN - 11]***WI code* FS\_PIN *Rel-18 CR0006R- Cat B* |
| 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%3A%5CUsers%5Calmodovarchicojl%5CDesktop%5CTSGS1_94bise_July2021%5Cdocs%5CS1-212070.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%3A%5CUsers%5Calmodovarchicojl%5CDesktop%5CTSGS1_94bise_July2021%5Cdocs%5CS1-212016r6.zip) | Charter Communications | CR22.844v18.0.1 FS\_PALS Update: Chapter 5.6.6 Requirement for User Awareness  |  | **e-Thread: [FS\_PALS - 1]***WI code* FS\_PALS *Rel-18 CR0001R- Cat F* |
| CR | [S1-212019](file:///C%3A%5CUsers%5Calmodovarchicojl%5CDesktop%5CTSGS1_94bise_July2021%5Cdocs%5CS1-212019r1.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**2019r1 agreed* |
| CR | [S1-212062](file:///C%3A%5CUsers%5Calmodovarchicojl%5CDesktop%5CTSGS1_94bise_July2021%5Cdocs%5CS1-212062.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%3A%5CUsers%5Calmodovarchicojl%5CDesktop%5CTSGS1_94bise_July2021%5Cdocs%5CS1-212086r03.zip) | vivo  | CR22.844v18.0.1 Update of manual selection |  | **e-Thread: [FS\_PALS - 4]***WI code* FS\_PALS *Rel-18 CR0005R- Cat F* |
| CR | [S1-212095](file:///C%3A%5CUsers%5Calmodovarchicojl%5CDesktop%5CTSGS1_94bise_July2021%5Cdocs%5CS1-212095r2.zip) | Philips  | CR22.844v18.0.1 Clarification of use case 5.15 |  | **e-Thread: [FS\_PALS - 5]***WI code* FS\_PALS *Rel-18 CR0006R- Cat F* |
| **General** |
| Cont | [S1-212037](file:///C%3A%5CUsers%5Calmodovarchicojl%5CDesktop%5CTSGS1_94bise_July2021%5Cdocs%5CS1-212037.zip) | Qualcomm  | Discussion on remaining consolidated requirements |  | **e-Thread: [FS\_PALS - 6]** |
| CR | [S1-212038](file:///C%3A%5CUsers%5Calmodovarchicojl%5CDesktop%5CTSGS1_94bise_July2021%5Cdocs%5CS1-212038.zip) | Qualcomm  | CR22.844v18.0.1 CR to update consolidated requirements |  | **e-Thread: [FS\_PALS - 6]***WI code* FS\_PALS *Rel-18 CR0003R- Cat F* |
| 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%3A%5CUsers%5Calmodovarchicojl%5CDesktop%5CTSGS1_94bise_July2021%5Cdocs%5CS1-212061.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%3A%5CUsers%5Calmodovarchicojl%5CDesktop%5CTSGS1_94bise_July2021%5Cdocs%5CS1-212033.zip) | Qualcomm  | Baseline consolidated requirements | Noted | **e-Thread: [FS\_VMR - 2]** |
| Cont | [S1-212034](file:///C%3A%5CUsers%5Calmodovarchicojl%5CDesktop%5CTSGS1_94bise_July2021%5Cdocs%5CS1-212034.zip) | Qualcomm  | Updated proposal on consolidated requirements |  | **e-Thread: [FS\_VMR - 2]** |
| Cont | [S1-212035](file:///C%3A%5CUsers%5Calmodovarchicojl%5CDesktop%5CTSGS1_94bise_July2021%5Cdocs%5CS1-212035.zip) | Qualcomm  | TR conclusions |  | **e-Thread: [FS\_VMR - 3]** |
| 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%3A%5CUsers%5Calmodovarchicojl%5CDesktop%5CTSGS1_94bise_July2021%5Cdocs%5CS1-212078r1.zip) | China Mobile | FS\_TACMM Concept discussion and way forward |  | **e-Thread: [FS\_TACMM - 1]** |
| Cont | [S1-212097](file:///C%3A%5CUsers%5Calmodovarchicojl%5CDesktop%5CTSGS1_94bise_July2021%5Cdocs%5CS1-212097.zip) | SA1 chair | FS\_TACMM Discussion slides |  | **e-Thread: [FS\_TACMM - 1]** |
| Cont | [S1-212005](file:///C%3A%5CUsers%5Calmodovarchicojl%5CDesktop%5CTSGS1_94bise_July2021%5Cdocs%5CS1-212005.zip) | InterDigital, Xiaomi, China Mobile | FS\_TACMM: Alignment of the scope with the SID |  | **e-Thread: [FS\_TACMM - 1]** |
| Cont | [S1-212006](file:///C%3A%5CUsers%5Calmodovarchicojl%5CDesktop%5CTSGS1_94bise_July2021%5Cdocs%5CS1-212006.zip) | InterDigital | FS\_TACMM: Resolving the Editor’s Notes on the use case Haptic feedback for a personal exclusion zone |  | **e-Thread: [FS\_TACMM - 2]** |
| Cont | [S1-212079](file:///C%3A%5CUsers%5Calmodovarchicojl%5CDesktop%5CTSGS1_94bise_July2021%5Cdocs%5CS1-212079.zip) | China Mobile | FS\_TACMM Updating 5.1 use case of Immersive multi-modality VR application |  | **e-Thread: [FS\_TACMM - 3]** |
| Cont | [S1-212080](file:///C%3A%5CUsers%5Calmodovarchicojl%5CDesktop%5CTSGS1_94bise_July2021%5Cdocs%5CS1-212080.zip) | China Mobile | FS\_TACMM Adding potential requirement of Immersive VR games |  | **e-Thread: [FS\_TACMM - 4]** |
| Cont | [S1-212058](file:///C%3A%5CUsers%5Calmodovarchicojl%5CDesktop%5CTSGS1_94bise_July2021%5Cdocs%5CS1-212058.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%3A%5CUsers%5Calmodovarchicojl%5CDesktop%5CTSGS1_94bise_July2021%5Cdocs%5CS1-212007.zip) | InterDigital, Telefónica | FS\_TACMM: New use case on Augmented robotic telepresence |  | **e-Thread: [FS\_TACMM - 6]** |
| Cont | [S1-212029](file:///C%3A%5CUsers%5Calmodovarchicojl%5CDesktop%5CTSGS1_94bise_July2021%5Cdocs%5CS1-212029.zip) | InterDigital | FS\_TACMM: New use case on haptic and multimodal feedback for precision training of elite athletes |  | **e-Thread: [FS\_TACMM - 7]** |
| Cont | [S1-212052](file:///C%3A%5CUsers%5Calmodovarchicojl%5CDesktop%5CTSGS1_94bise_July2021%5Cdocs%5CS1-212052.zip) | Xiaomi  | TACMM\_Smart-Factory backup in Multi-modality Interaction System  |  | **e-Thread: [FS\_TACMM - 8]** |
| Cont | [S1-212056](file:///C%3A%5CUsers%5Calmodovarchicojl%5CDesktop%5CTSGS1_94bise_July2021%5Cdocs%5CS1-212056.zip) | Xiaomi  | Multi-Modality service – motion control |  | **e-Thread: [FS\_TACMM - 9]** |
| Cont | [S1-212057](file:///C%3A%5CUsers%5Calmodovarchicojl%5CDesktop%5CTSGS1_94bise_July2021%5Cdocs%5CS1-212057.zip) | Xiaomi | New Use Case Live Event Selective Immersion |  | **e-Thread: [FS\_TACMM - 10]** |
| Cont | [S1-212071](file:///C%3A%5CUsers%5Calmodovarchicojl%5CDesktop%5CTSGS1_94bise_July2021%5Cdocs%5CS1-212071.zip) | Xiaomi | TACMM New Use Case Smart-Factory backup in Multi-modality Interaction System |  | **e-Thread: [FS\_TACMM - 11]** |
| Cont | [S1-212073](file:///C%3A%5CUsers%5Calmodovarchicojl%5CDesktop%5CTSGS1_94bise_July2021%5Cdocs%5CS1-212073.zip) | Huawei | Use case “Support for IEEE P1918.1 architecture” |  | **e-Thread: [FS\_TACMM - 12]** |
| Cont | [S1-212081](file:///C%3A%5CUsers%5Calmodovarchicojl%5CDesktop%5CTSGS1_94bise_July2021%5Cdocs%5CS1-212081.zip) | China Mobile | FS\_TACMM use case Smart Prosthesis and Its Safety Model |  | **e-Thread: [FS\_TACMM - 13]** |
| Cont | [S1-212082](file:///C%3A%5CUsers%5Calmodovarchicojl%5CDesktop%5CTSGS1_94bise_July2021%5Cdocs%5CS1-212082.zip) | China Mobile | FS\_TACMM use case Virtual Factory |  | **e-Thread: [FS\_TACMM - 14]** |
| Cont | [S1-212083](file:///C%3A%5CUsers%5Calmodovarchicojl%5CDesktop%5CTSGS1_94bise_July2021%5Cdocs%5CS1-212083.zip) | China Mobile | FS\_TACMM use case Remote UAV control through HD video in First Person View |  | **e-Thread: [FS\_TACMM - 15]** |
| New WIDs  |
| WID | [S1-212023](file:///C%3A%5CUsers%5Calmodovarchicojl%5CDesktop%5CTSGS1_94bise_July2021%5Cdocs%5CS1-212023.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 |  | **e-Thread: [NewWID – SACI\_MCS]** |
| WID | [S1-212036](file:///C%3A%5CUsers%5Calmodovarchicojl%5CDesktop%5CTSGS1_94bise_July2021%5Cdocs%5CS1-212036.zip) | Qualcomm  | New WID on Vehicle Relays |  | **e-Thread:** **[NewWID –VMR]** |
| WID | [S1-212040](file:///C%3A%5CUsers%5Calmodovarchicojl%5CDesktop%5CTSGS1_94bise_July2021%5Cdocs%5CS1-212040.zip) | KPN, vivo  | New WID on Personal IoT and Residential networks Service Requirements - PIRates |  | **e-Thread: [NewWID – PIRates]** |
| Cont | [S1-212089](file:///C%3A%5CUsers%5Calmodovarchicojl%5CDesktop%5CTSGS1_94bise_July2021%5Cdocs%5CS1-212089.zip) | KPN  | Proposed structure for 22.261 section on Resident and PINs |  | **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-meetingSA1#96e 8-18 Nov 2021 e-meeting |
| Any other business |
| Close |
| Close latest by 16:00 UTC on Monday 12 July 2021 |